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NAS KEY WEST
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SITE REHABILITIATION COMPLETION REPORT FOR THE SOIL REMOVAL ACTIONS AT THE CITY-OWNED PORTION OF PARCEL K WITH TRANSMITTAL LETTER NAS KEY WEST FL

04/11/2014

AGVIQ ENVIRONMENTAL SERVICES

April 11, 2014

Mr. David Criswell
NAVFAC SOUTHEAST
203 S. Davis Drive
Building 247
Joint Base Charleston, SC 29404

Subject: Contract No. N62470-08-D-1006
Task Order No. JM22
Naval Air Station (NAS) Key West - Key West, Florida
Site Rehabilitation Completion Report for the Soil Removal Actions at the City-Owned Portion of Parcel K (Revision No. 02)

Dear Mr. Criswell:

AGVIQ-CH2M HILL Constructors Inc. Joint Venture IIIa is pleased to submit the *Site Rehabilitation Completion Report for the Soil Removal Actions at the City-Owned Portion of Parcel K (Revision No. 02)* at NAS Key West in Key West, Florida.

If you have any questions regarding this submittal, please contact me at (850) 232-0320 or via e-mail at Amy.Twitty@ch2m.com.

Sincerely;

AGVIQ-CH2M HILL Constructors Inc. Joint Venture IIIa

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Site Rehabilitation Completion Report

Soil Removal Actions at the City-Owned Portion of Parcel K

OCULUS ID DOD 9 3288

Naval Air Station Key West
Key West, Florida

Revision No. 0**2**

Contract No. N62470-08-D-1006
Task Order No. JM22

Submitted to:

U.S. Naval Facilities Engineering Command Southeast
Base Realignment and Closure

Prepared by:

1000 Abernathy Road
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April 2014

Site Rehabilitation Completion Report
Soil Removal Actions at the
City-Owned Portion of Parcel K
OCULUS ID DOD 9 3288

Naval Air Station Key West
Key West, Florida

Revision No. 02

Contract No. N62470-08-D-1006
Task Order No. JM22

Submitted to:

Department of the Navy
Naval Facilities Engineering Command Southeast
Base Realignment and Closure

Prepared by:

AGVIQ
CH2M HILL

April 2014

Prepared/Approved By:

Amy Twitty, Project Manager — April 9, 2014 Date

Approved By:

Sam Naik, Deputy Program Manager — April 9, 2014 Date

Client Acceptance:

U.S. Navy Responsible Authority — 4/11/2014 Date

Professional Certification

This Site Rehabilitation Completion Report for Soil Removal Actions at the City-Owned Portion of Parcel K, Naval Air Station (NAS) Key West, Key West, Florida (OCULUS ID DOD 9 3288) was prepared under the direction of a Florida Registered Professional Geologist.

Amy Twitty, P.G. No. 1708

April 9, 2014
Date

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Acronyms and Abbreviations

AGVIQ-CH2M HILL	AGVIQ-CH2M HILL Constructors, Inc. Joint Venture III
ASTM	American Society for Testing and Materials
BEQ	benzo(a)pyrene equivalent
bls	below land surface
BRAC	Base Realignment and Closure
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	*Code of Federal Regulations*
cm	centimeters
COC	chemical of concern
CPR	Contractor Production Report
CQPR	Contractor Quality Control Reports
DO	dissolved oxygen
DRMO	Defense Reutilization and Marketing Office
EPA	U.S. Environmental Protection Agency
EPC	exposure point concentration
EU	exposure unit
FAC	Florida Administrative Code
FDEP	Florida Department of Environmental Protection
FDOT	Florida Department of Transportation
FLUCL	Florida upper confidence limit
ft^2	square feet
GCAL	Gulf Coast Analytical Laboratories, LLC
GCTL	groundwater cleanup target level
gpm	gallons per minute
GPS	geographic positioning system
HAS	hollow stem auger
ICP	inductively coupled plasma
LGW	Leachability to Groundwater
LY/PQ	low yield/poor quality
µg	micrograms
µg/L	micrograms per liter
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
MS	mass spectrometry
NAS	Naval Air Station
NAVFAC SE	Naval Facilities Engineering Command Southeast
ND	non detect
NFA	no further action
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PEL	PEL Laboratories, Inc.
PPE	personal protective equipment
PVC	polyvinyl chloride

QA	quality assurance
QC	quality control
RBCA	risk based corrective action
RCRA	Resource Conservation and Recovery Act
SCTL	soil cleanup target level
SPLP	Synthetic Precipitation Leaching Procedure
SRCO	Site Rehabilitation Completion Order
SVOC	semivolatile organic compound
SWPPP	Stormwater Pollution Prevention Plan
T&D	Transportation and Disposal
TAL	Target Analyte List
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TO	Task Order
TSCA	Toxic Substances Control Act
VOC	volatile organic compound
UCL95	upper confidence limit of 95 percent
yd^3	cubic yards

1.0 Introduction

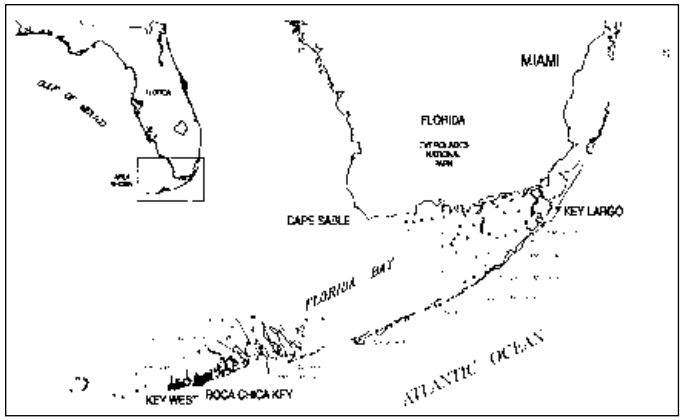
AGVIQ-CH2M HILL Constructors, Inc. Joint Venture III (AGVIQ-CH2M HILL) was contracted by the Naval Facilities Engineering Command, Southeast (NAVFAC SE) through the Base Realignment and Closure (BRAC) Program Management Office to perform a soil characterization, removal action for contaminated surface and subsurface soils, and groundwater sampling at the City-owned portion of Parcel K (Parcel K), Truman Annex, Naval Air Station (NAS) Key West, Florida. The work was performed for NAVFAC SE in accordance with the *Work Plan, Soil Removal Action at the Truman Waterfront, City-owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida, Revision 01* (AGVIQ-CH2M HILL, 2011a) (Work Plan), and the *Work Plan for the Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K (Revision No. 02) for the Monitoring Well Installation and Groundwater Sampling Tasks at Naval Air Station Key West* (AGVIQ-CH2M HILL, 2013) under Response Action Contract No. N624670-08-D-1006, Task Order (TO) No. JM22.

The work was performed under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The purpose of this report is to provide documentation of the activities completed for remediation of surface and subsurface soil and groundwater sampling at Parcel K.

1.1 Site Background and History

Parcel K is located on the Truman Annex waterfront (Figure 1-1). Truman Annex was formerly used for residential, recreational, and light industrial activities to support shore defense, naval ships, and submarines from 1823 to the present. The following information was taken from the Southern Division Master Plan for NAS Key West and the *Military History of the Florida Keys* by Mr. Thomas L. Hambright, as provided in the Environmental Baseline Study (NAFVAC, 2001). The Navy was tasked with clearing the Florida Keys of pirates in 1823. The military presence was expanded with the U.S. Army construction of Fort Taylor during the Mexican War of 1846 to 1848. The Navy began construction on new buildings on the Naval Base in 1856 to prepare for civil war. World War I brought expansion of the Key West Naval Base. Subsequently, from 1909 to 1919, the United States conducted land fill operations on the western portion of the island in the area from Fort Zachary Taylor and the Army pier to the Naval Base. During the land fill operations, the Army pier was modified and extended, creating a turning basin between the Navy quay and the Ammunition Pier. This pier and existing land were transferred to the Navy in 1919 by the Army.

As early as 1918 and continuing from the 1940s through the early 1970s, submarines were berthed at eight finger piers in the turning basin at Truman Annex. Most of the buildings along the quay were used to support the submarines and submarine tenders, and various schools and units, and were constructed in the early 1940s. Significant construction and land filling occurred in the Truman Annex area from 1909 through 1918. The Naval Station was disestablished in 1974. The majority of the support buildings were demolished after 1982.



GULF OF MEXICO

Shark Key

Demolition Key

Man of War Harbor

Fleming Key

Dredgers Key

Raccoon Key

Big Coppitt Key

Rockland Key

Boca Chica Key

Trumbo Point Annex

Stock Island

Geiger Key

Saddlehill Key

Wisteria Island

Tank Island

Key West

Cow Key

Truman Annex

KEY WEST INTERNATIONAL AIRPORT

ATLANTIC OCEAN

Truman Annex
Former DRMO/Parcel K

North

0 1 2

Approximate scale in miles

FIGURE 1-1
Site Location Map
Parcel K - Truman Annex
NAS Key West
Key West, Florida

Across the causeway on Fort Taylor was the Army pier with a supporting cable room, mine room, dynamite house, and loading house. This area was east of the present port services building. By 1919, landfilling operations extended this area and lengthened the pier to its present length, creating a protected, defensible harbor for the Navy's submarines. This basin was dredged to an average depth of 30 feet and the dredge material was used to extend and build up the shoreline. The waterfront area created by the landfilling operations was deeded to the Navy by the War Department in 1919.

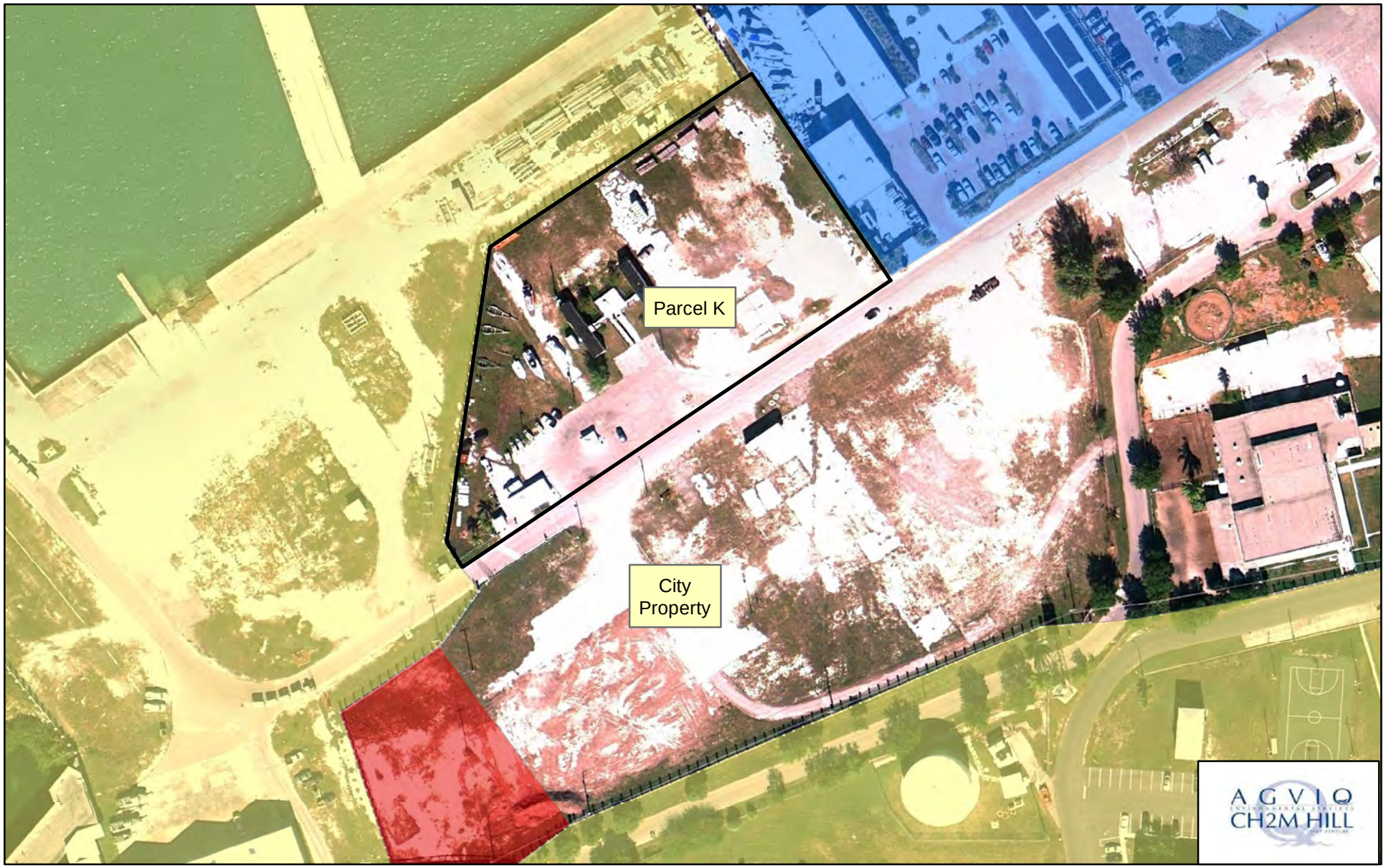
The years immediately prior to U.S. entry into World War II saw a major construction effort at the renamed Naval Station Key West. A new Marine railway was constructed at the dogleg of the waterfront seawall. The following buildings were constructed by June 1942 on the Parcel K property (City-owned portion):

- Building 138 Galvanizing Shop (became Central Tool Room in 1951)
- Building 139 Pipe and Copper Shop
- Building 140 Boiler Shop (became Warehouse in 1951 and Repair Shop and Storage in 1959)
- Building 141 Foundry
- Building 142 Joiner, Pattern, and Boat Shop
- Building 143 Lumber Shed

No permanent buildings exist at Parcel K today. However, a temporary guard shack is located near the Mole Pier Gate. Figure 1-2 presents the site layout.

1.2 Previous Investigations

The City of Key West has been in the planning stages of converting Parcel K and other Navy BRAC parcels at the Truman Annex into a recreational park for some time. Based on the previous limited investigations, Parcel K was deemed to meet Florida Department of Environmental Protection (FDEP) Direct Exposure Industrial soil cleanup target levels (SCTLs) as established in Table II of Chapter 62-777, Florida Administrative Code (FAC) (FDEP, 2005a). In April 2009, the City retained CH2M HILL to collect additional soil samples at Parcel K to determine if the site met Recreational and Residential Direct Exposure criteria. As part of this investigation, conducted in accordance with FDEP global risk-based corrective action (GRBCA) guidance, CH2M HILL collected soil samples from 10 borings from 2 intervals (0 to 0.5 and 0.5 to 2.0 feet below land surface [bls]) to evaluate potential contamination associated with past military operations in the area. The soil samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), organo-chlorine pesticides, and metals (including mercury). The data from this initial round of sampling were compared to FDEP Direct Exposure Residential and Industrial SCTLs. The results identified chemicals of concern (COCs) above the Direct Exposure Residential and Industrial SCTLs including lead, select carcinogenic polycyclic aromatic hydrocarbons (PAHs), and PCBs. Arsenic was detected above the Residential SCTL for direct exposure of 2.1 milligrams per kilogram (mg/kg) compared to the site maximum concentration of 3.2 mg/kg at well HFSB-01 from 0 to 0.5 feet bls, but was below the Industrial SCTL for direct exposure of 12.0 mg/kg. Table A-1 in Appendix A presents a summary of the April 2009 soil data.



Legend

- Navy Property (approx.)
- State Park Property (approx.)
- NOAA Property (approx.)

N

0 50 100

Feet

Figure 1-2
Site Layout Map
Parcel K - Truman Annex
NAS Key West
Key West, Florida

In 2009, NAVFAC SE (BRAC) contracted AGVIQ-CH2M HILL to further delineate the extent of COCs in the areas exhibiting exceedances of the Direct Exposure Industrial SCTLs. In July 2009, AGVIQ-CH2M HILL collected additional soil samples from 10 feet from the original sample locations in all four directions (north, south, east, and west) and analyzed the samples for lead, PAHs, and PCBs. The results of the additional sampling indicated that the extent of PAH- and PCB-contaminated soil exceeding the Industrial SCTLs was not adequately defined. Lead levels were adequately characterized, as no further lead exceedances were detected. Table A-1 in Appendix A presents a summary of the July 2009 soil data.

Additional sampling was conducted by AGVIQ-CH2M HILL in November 2009. As part of this investigation, the site was divided into approximately forty-two 50-foot grids to determine the extent of COCs distributed across the site. Samples were collected from 0 to 0.5 feet bls, 0.5 to 2 feet bls, and 2 to 4 feet bls, and analyzed for PCBs, PAHs, and lead. The detected concentrations were compared against the Direct Exposure Industrial SCTLs and found to be above the SCTLs throughout the site (AGVIQ-CH2M HILL, 2010). Table A-1 in Appendix A presents a summary of the November 2009 soil data.

In the 2010 Technical Memorandum, *Summary of the Risk-Based Corrective Action Analysis for the City-Owned Portion of Parcel K, Revision 02* (AGVIQ-CH2M HILL, 2010), the 2009 site characterization data results were screened against the risk based corrective action (RBCA) SCTLs for direct exposure including Direct Exposure Residential and Industrial, as well as indirect exposure based, soil Leachability to Groundwater (LGW) criteria as established in Table II of Chapter 62-777, FAC. A copy of the 2010 Technical Memorandum is located in Appendix A. Because the area is likely to be used in the future as a recreational (e.g., park) area, the Navy was considering removing soil to meet recreational land use and the data were also compared to the Direct Exposure Recreational SCTLs. Direct Exposure Recreational SCTLs were estimated using exposure assumptions provided by FDEP risk assessor, Ms. Ligia Mora-Applegate (Appendix B). The Direct Exposure Industrial SCTLs and the Direct Exposure Recreational alternative SCTLs estimated for use during the removal action are listed in Table 1-1.

TABLE 1-1
Soil Cleanup Target Levels
Parcel K, NAS Key West

	Lead (mg/kg)	PCBs (mg/kg)	PAHs (mg/kg)
Residential Adult and Child	400	0.5 [b]	0.1 [b]
Recreational Youth[a]	400	1.29[b]	0.35[b]
Industrial Worker	1,400	2.6 [b]	0.7 [b]
Leachability[c]	400	17	8[d]

All values are in milligrams per kilogram (mg/kg) units.
[a] Exposure Factors were obtained from FDEP, RBCA Guidance, and recreational SCTL was calculated using assumptions provided in Appendix B.
[b] When both PCBs and PAHs were collocated, cumulative risk from both PCBs and PAHs together was aimed to be 1E-6, which is equivalent to using the apportioned target SCTL value.
[C] Selected LGW SCTL values are based on protection of groundwater to potable quality, although the area groundwater is likely in contact with saline water in the adjacent bay.
[d] Individual PAHs have LGW SCTLs ranging from 0.7 mg/kg to 77 mg/kg (see Appendix A, Table A-4).

Based on the 2010 Technical Memorandum (AGVIQ-CH2M HILL, 2010), data gaps were noted and additional samples were collected in July, August, and December 2010 to further delineate the extent of contamination. In July 2010, 64 surface soil samples (0 to 0.5 feet bls and 0.5 to 2 feet bls) were collected and analyzed for lead, PCBs, and PAHs. In August 2010, eight surface soil samples from 0 to 0.5 feet bls were collected and analyzed for PCBs and PAHs in areas where Direct Exposure Recreational SCTL exceedances were identified. In December 2010, further sampling was conducted to address FDEP comments to the Technical Memorandum, including soil LGW exceedances for lead and PAHs. In a final effort to delineate the contamination at Parcel K, 52 additional soil samples were collected from 0 to 6 feet bls and analyzed for lead, PCB, and PAHs. Table A-1 in Appendix A presents a summary of the 2010 soil data. Soil waste characterization and groundwater samples were also collected in December 2010 and the results are described in Section 2.1.2 of this report.

1.3 Summary of Risk Based Corrective Action Evaluations

The 2009 and 2010 analytical data were evaluated to determine areas to be excavated to meet the recreational land use scenario for direct exposure and LGW criteria for indirect exposure for soil-to-groundwater leachability. The evaluation of direct exposure exceedances and proposed removal actions are discussed below as well as the criteria for "hot spot" removal and soil removal based on exceedance of LGW criteria.

The COCs identified were based on historical screening as described in Section 1.2, which included lead, PCBs, and PAHs. However, since historical screening was based on exceedance of Direct Exposure Industrial SCTLs and the future land use is planned to be recreational, the soil detected chemicals were compared against Direct Exposure Recreational SCTLs. The maximum detected arsenic concentration was 3.2 mg/kg, which was compared to the Direct Exposure Recreational SCTL of 5.5 mg/kg. Since the maximum detected arsenic concentration was below the Direct Exposure Recreational SCTL, arsenic was not identified as a COC for recreational land use. Thus, lead, PCBs, and PAHs remain the COCs under recreational land use.

1.3.1 Recreational Direct Exposure

Since the former Defense Reutilization and Marketing Office (DRMO) and Parcel K are planned to be redeveloped into a park, these areas were considered one site when evaluating site soils. The combined site was divided into three exposure units (EUs), EU1 EU2, and EU3; each EU is approximately 2 acres in area (Figure 1-3). Each EU is further subdivided into smaller grids to optimize/reduce the amount of soil for removal. EU1, the western most EU, encompasses sampling Grids A through D of Parcel K and Grids C, D, E, L, M, N, T, and U of the former DRMO. Only relevant portions of Grids C, L, and T were used since the remaining property belongs to the State of Florida Parks Department and is not considered part of this project. EU2, the center exposure unit, encompasses Grids E through G of Parcel K and Grids F, O, P, V, and W of the former DRMO. EU3 is the easternmost EU and consists of Grids H through J of Parcel K and Grids G, H, Q, X, and Y of the former DRMO.

Legend

- State Park Transfer
- NAS Key West Property
- Harbor Front Restriction
- DRMO Facility Boundary
- Fence
- Exceeds Industrial Screening Standard
- Exceeds Residential Screening Standard
- Sample Location Exceeding Risk-based Criteria
- SampleLocation Not Exceeding Risk-based Criteria
- Engineering Control Area (Excavated 2007)
- 1999 Excavation Area
- 2004 Excavation Area
- Hot Spot Area (Excavated 2007)
- 2007 Risk Based Excavation Area

Data Source for Property Boundaries: Tetra Tech NUS, Inc.

N

0 50 100 200

Feet

Figure 1-3
Exposure Units
Parcel K - Truman Annex
Nas Key West
Key West, Florida

The former DRMO residual soil sample results (concentrations that will remain at the site post excavation), clean fill material analytical results (used in place of former samples that had been excavated and backfilled with clean fill material at the former DRMO), and Parcel K soil sample results were combined to estimate the exposure point concentration (EPC) for each of the three EUs.

The EPCs are estimated to be the 95 percent or greater upper confidence limit on the mean values (UCL95) for PCBs and PAHs for each EU for comparison against the Direct Exposure Recreational SCTLs. The site-wide UCL95 for each EU was estimated using the FDEP UCL Calculator (FLUCL) tool. Appendix B, Tables B-4 through B-21, includes the UCL calculation output sheets for pre- and post-excavation scenarios for the UCL value estimations.

Each EU EPC was compared against the Direct Exposure Recreational SCTL value. Additionally, to account for the cumulative risks from the presence of both PCBs and PAHs in the same area, the combined risk from residual concentration of carcinogenic chemicals were compared to the target minimal level of one in a million (1E-06) cancer risk. When concentrations of both PCBs and PAHs together in soil samples were above the criteria, the samples with concentrations contributing to an EPC value above SCTL values were removed until the target cumulative risk from both COCs was at or below 1E-06. This was accomplished by reducing the resulting estimated site residual EPC to a value below the SCTL. The apportioned residual risk from both PCBs and PAHs was estimated by calculating a cumulative ratio of the EPC versus the Direct Exposure Recreational SCTL, and samples were removed until the ratio of both carcinogenic chemicals, when added, was less than 1.0 (Appendix B, Tables B-4 through B-21). The cumulative ratio of 1.0 represents a cumulative target risk of 1E-06. This is similar to using an apportioned Direct Exposure Recreational SCTL value.

Lead was evaluated using the mean and maximum detected values compared against the conservatively protective Direct Exposure Residential SCTL value of 400 mg/kg; and also, the Direct Exposure Recreational SCTL for lead is conservatively assumed to be 400 mg/kg.

1.4 Identification of Hot Spot Areas among Residual Concentrations

All residual sample locations were evaluated for the presence of hot spots by comparing sample specific concentrations with 3 times the Direct Exposure Recreational SCTL value (3 times SCTL) per the Global RBCA guidance (Chapter 62-780, FAC). Use of 3 times the SCTL for hot spot identification is a conservative approach. The samples with concentrations above 3 times the SCTL value were subject to remedial action. When both PCBs and PAHs were present in the same sample, the cumulative ratio from comparisons against 3 times the SCTL value in each sample was maintained at or below 1.0 with a few minor exceptions. In samples G4N, H5, Road 2, ROW-J1, and F3, the apportioned hot spot analysis ratio totaled 1.07, 1.07, 1.02, 1.12, and 1.09, respectively; and in sample I4SW, concentrations of PAHs were at 1.09 mg/kg compared to a 3 times the SCTL value of 1.05 mg/kg (no PCBs were present in sample I4SW). This is acceptable practice once the EU-wide EPC values are determined to be below the SCTL criteria because of the large volume of excavation conducted for this scenario.

This apportioned approach to hot spot-based removal action protects against the potential for localized exposures under the recreational land use scenario, such as setting up a playground within a park area. However, no localized activities are identified for the site based on the planned recreational use as a waterfront park.

1.5 Leachability to Groundwater

Once the direct exposure and hot spot analyses were conducted, the residual concentrations were then compared against LGW SCTLs as stated in the 2010 Technical Memorandum, *Summary of the Risk-Based Corrective Action Analysis for the City-Owned Portion of Parcel K* (AGVIQ-CH2M HILL, 2010).

The data were evaluated against the potable use LGW and the Low Yield/Poor Quality (LY/PQ) SCTLs because the groundwater at Truman Annex is considered to be poor quality as a result of the brackish to saline conditions of site groundwater (AGVIQ-CH2M HILL, 2011a).

PCBs

The LGW SCTL for PCBs was 17 mg/kg, which is higher than the Direct Exposure Recreational SCTL of 1.29 mg/kg; therefore, no additional soil removal for PCBs based on LGW SCTL is required.

PAHs

Each individual PAH was screened against its respective LGW SCTL when the LGW SCTLs were lower than the Direct Exposure Recreational SCTLs. Nine sample locations were identified for removal during this SCTL comparison for PAHs (Appendix A, Table A-4). One sample, 2I3 (collected from 2 to 4 feet bls) at a concentration of 1.2 mg/kg, exceeded the LGW SCTL for benzo(a)anthracene of 0.8 mg/kg, but was well below the LY/PQ SCTL of 8 mg/kg. Additionally, the 4 to 6 feet bls sample at the same location had a benzo(a)anthracene concentration of 0.0054J mg/kg (well below the LGW SCTL), thus indicating that benzo(a)anthracene is not leaching. Therefore, based on sample 2I3 (collected from 2 to 4 feet bls), soil removal was not required.

In the October 2010 comments to the Draft August 2010 Technical Memorandum (FDEP, 2010), FDEP noted its concern regarding PAH leachability and requested that either a groundwater sample be collected from the highest PAH sample location or that a Synthetic Precipitation Leaching Procedure (SPLP) test be conducted on soil at that location. Consequently, soil was collected at sample location HFSB-09/09A from 0 to 0.5 feet bls and analyzed for SPLP PAHs to determine the potential for PAHs (specifically benzo(a)pyrene) to leach to groundwater. The highest benzo(a)pyrene concentrations (HFSB-09: 12 mg/kg, HFSB-09A: 18.3 mg/kg, and HFSB-09N: 29.5 mg/kg) were discovered in this area. No PAHs exceeded the FDEP groundwater cleanup target levels (GCTLs) in this SPLP sample. Benzo(a)pyrene was not detected (0.11U milligrams per liter [mg/L]) in this SPLP sample (Appendix A, Table A-2). Based on this non-detect result, no groundwater was sampled from this location.

Lead

In response to the October 2010 FDEP comment regarding lead leachability potential, AGVIQ-CH2M HILL collected groundwater samples from a temporary well installed at the highest lead contamination found in soil at Parcel K.

The highest lead concentration in soil at Parcel K was found in Grid I, location I2E, at 30,200 mg/kg. Groundwater collected from the temporary well at I2E was found to have a lead concentration of 59.2 micrograms per liter (µg/L), which is above the GCTL for lead (15 µg/L), but below GCTL for the LY/PQ (150 µg/L). Of note, the soil sample collected from 0.5 to 2 feet bls at I2E had a lead concentration of 25.6 mg/kg (below the Direct Exposure Residential SCTL for lead of 400 mg/kg). See Appendix A, Table A-3, for the groundwater sampling results summary table.

1.6 Toxic Substances Control Act

PCB remediation waste is defined in the rules of the Toxic Substances Control Act (TSCA) as any non-liquid waste or debris containing PCBs as a result of a spill, release, or other unauthorized use (40 Code of Federal Regulations (CFR) § 761.3). PCB remediation waste includes soil, sediments, dredged materials, sewage sludge, and industrial sludge and is generally regulated for disposal under TSCA at concentrations equal to or greater than 50 mg/kg.

Parcel K was remediated under Risk Based Disposal Approval rules (40 CFR 761.61(c)), as approved by the U.S. Environmental Protection Agency (EPA, 2011). Soil with PCB concentrations less than 50 mg/kg was disposed of at a state approved solid waste management facility. For purposes of this report, these wastes are referred to as "non-TSCA waste" or "non-TSCA soil." Soil with PCB concentrations greater than or equal to 50 mg/kg was disposed of at a PCB disposal facility approved under TSCA. These wastes are referred to in this report as "TSCA wastes" or "TSCA soil." All wastes were characterized, classified, and managed in accordance with the Section 5.0 Waste Management Plan of the Work Plan (AGVIQ-CH2M HILL, 2011a) and all applicable regulations.

PCB concentrations in soil at Parcel K exceeded 50 mg/kg in the vicinity of Grids D2, D3, E1, and E2 (Figure 1-4) and therefore required removal and disposal as TSCA waste. In an effort to delineate the TSCA waste at the site, 31 additional PCB samples were collected in April 2011 to delineate individual PCB concentrations greater than 50 mg/kg in soil from 0 to 0.5 feet bls (Figure 1-4).

A PCB field kit was used to pre-screen soil above 50 mg/kg at all 31 locations. If the sample did not pass the screening action level of 50 mg/kg, additional step-out samples were collected until the field kit result was below 50 mg/kg, and a sample was collected for laboratory analysis (Appendix A, Table A-5). A total of 15 soil samples were submitted for offsite analysis of PCBs. Fourteen of the 15 samples exhibited PCB concentrations below 50 mg/kg. Based on this additional sampling, an area encompassing approximately 6,553 square feet (ft^2) was identified as TSCA waste.

Exposure Unit 1

Exposure Unit 2

Exposure Unit 3

U.S. NAVY

Fuel Tank

M.W.

C.B. Wall

800'

old asphalt pad

conc. wall

Trans-former

Asphalt

Office Trailer

Office Trailer

Walkway

Tent

Old Concrete

Road to Outer Mole

National Ma Sanctuary (Not a Part)

Row-J1

FORMER DRMO

C4 Aroclor 1260 24

D3 Aroclor 1260 170

D3NE Aroclor 1260 2.7

D3SE Aroclor 1260 4.3

2D3 Aroclor 1260 18

2E3 Aroclor 1260 15

E2NE2 Aroclor 1260 9.8

F2 Aroclor 1260 5.5 J

E2 Aroclor 1260 80

E2E Aroclor 1260 110

F2W Aroclor 1260 0.2

E2C Aroclor 1260 0.5

C3 Aroclor 1260 15

D2SW2 Aroclor 1260 87

D2W Aroclor 1260 62

D3S Aroclor 1260 13

C2 Aroclor 1260 41

HFSB-07W Aroclor 1260 15

HFSB-07 Aroclor 1260 77

HFSB-07A Aroclor 1260 52

HFSB-07S Aroclor 1260 100

D2S3 Aroclor 1260 0.86

HSFB-07S2 Aroclor 1260 0.5

E1NW Aroclor 1260 4.2

HFSE-07N Aroclor 1260 68

HFSE-07E Aroclor 1260 98

E1NE2 Aroclor 1260 0.0083 JP

E1 Aroclor 1260 370

E1SE Aroclor 1260 2.4

E1SW Aroclor 1260 16

HFSB-05

HFSB-06

HFSB-01

HFSB-02/ HFSB-02A

HFSB-03/ HFSB-03A

HFSB-04

HFSB-09/ HFSB-09A

Legend

- Sample To Not Be Removed
- Sample To Be Removed
- PCB Field Analysis > 50 mg/kg
- PCB > 50 mg/kg To Be Excavated
- Area = 6,553 ft²
- Volume = 3,277 ft³ / 121 yd³
- Estimated Tonnage = 170 tons

N

0 50 100

Feet

FIGURE 1-4

PCB > 50 mg/kg Excavation Boundary

0 - 0.5 ft bls

Parcel K - Truman Annex

NAS Key West

Key West, Florida

AGVIQ CH2M HILL

Figure1-4_Parcel-K_PCB_0-0.5.dwg

19-Jun-2012

At one sample location, D2W, the PCB concentration from 0.5 to 2 feet bls was 37,000 B mg/kg and from 2 to 4 feet bls was 2,000 mg/kg. The horizontal delineation of PCBs greater than or equal to 50 mg/kg was not further refined during the April 2011 sampling event at these depths. The 4 to 6 feet bls sample at D2W had a PCB concentration of 2.3 mg/kg. Thus, the PCB contamination above 50 mg/kg was delineated vertically. Additional confirmation sampling was required around D2W during the excavation to delineate PCBs greater than or equal to 50 mg/kg from 0.5 to 4 feet bls. Table A-5 in Appendix A presents a summary of the 2011 PCB soil data.

1.7 Proposed Corrective Action

Based on the comparison of soil analytical results to Direct Exposure Recreational and LGW SCTLs including hot spots, it was anticipated that a total of 2,118 cubic yards (yd^3) of soil be excavated to a maximum depth of approximately 4 feet bls at the Parcel K site. The following were anticipated to be encountered:

- Soil contaminated with lead, PCBs (less than 50 mg/kg) and PAHs from 0 to 2 feet bls
- Soil contaminated with PCBs greater than or equal to 50 mg/kg (0 to 4 feet bls)

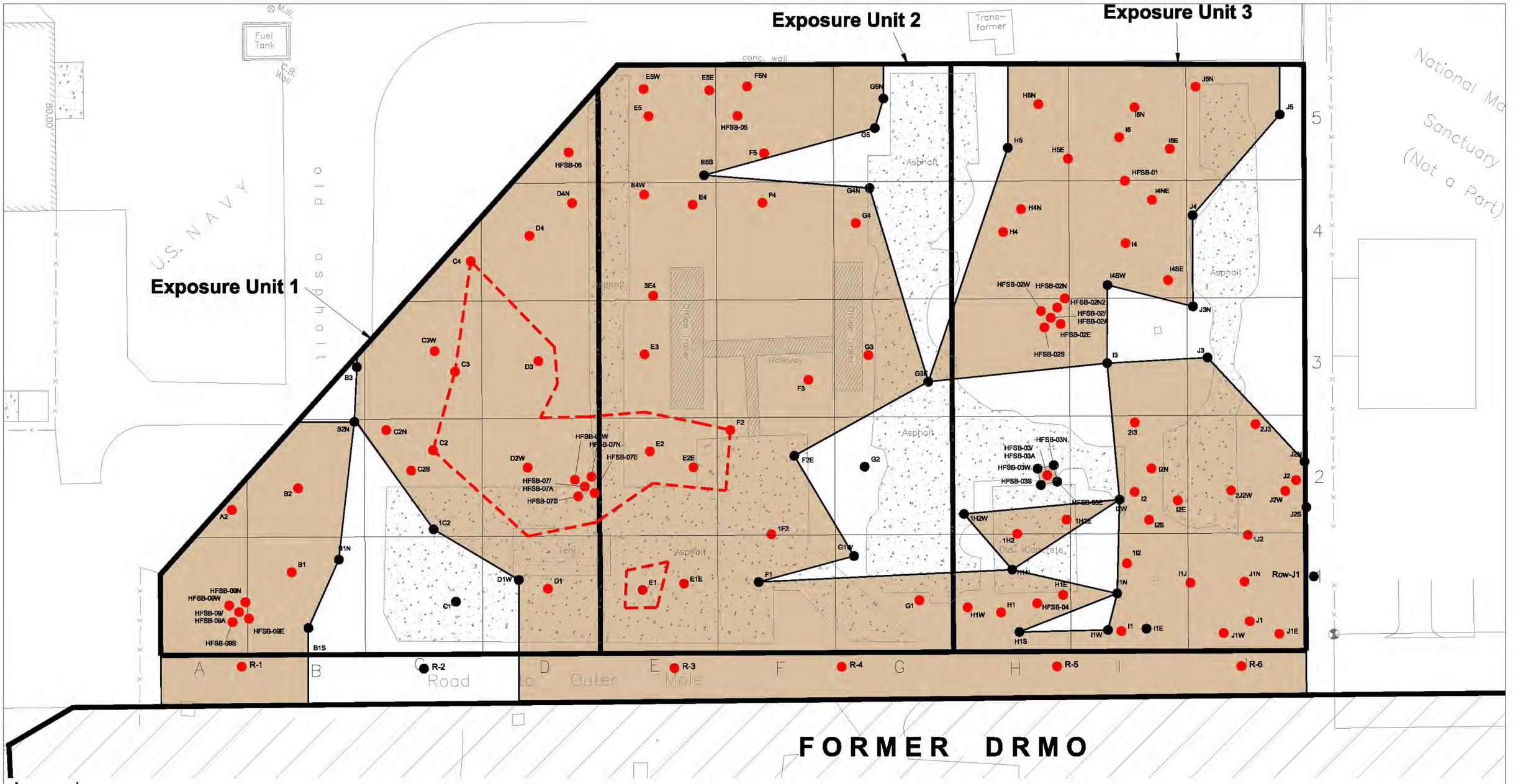
Figure 1-4 identifies the 0 to 0.5 feet bls area where concentrations of PCBs exceeds 50 mg/kg. Figure 1-5 identifies the lead, PCB- and PAH-contaminated soil area from 0 to 0.5 feet bls, which is approximately 81,643 ft^2 (1,512 yd^3). Figure 1-5 also identifies the contaminated soil area within the originally defined 81,643 ft^2 area of contaminated soil from 0 to 0.5 feet bls that contains PCBs greater than or equal to 50 mg/kg at this depth, which is approximately 6,553 ft^2 (121 yd^3).

Figure 1-6 identifies the lead-, PCB-, and PAH-contaminated soil area from 0.5 to 2 feet bls, which is approximately 10,770 ft^2 (598 yd^3). Figure 1-6 also identifies the contaminated soil area within the originally defined 10,770 ft^2 area of contaminated soil from 0.5 to 2 feet bls that contains PCBs greater than or equal to 50 mg/kg at this depth, which is approximately 100 ft^2 (5.6 yd^3).

Figure 1-7 identifies the soil exceedances from 2 to 4 feet bls. Only one sample, D2W, exceeded the LGW SCTL for PCBs in the subsurface soil at Parcel K (2,000 mg/kg). However, the PCB concentration found in the 4 to 6 feet bls sample (2.3 mg/kg) did not exceed the LGW SCTL of 17 mg/kg. As noted above, the PCB concentration from 2 to 4 feet bls exceeds the TSCA waste criterion of 50 mg/kg. Additional horizontal confirmation sampling was conducted in January 2012 to delineate the PCB contaminated waste from 2 to 4 feet bls (as described in Section 2.3.3).

1.8 Residual Concentrations

Appendix B, Table B-24, includes the residual concentrations that will remain at the site after implementation of the remedial action. The residual concentrations were estimated for each of the three EUs separately, and a value was estimated separately for the two depths, for 0 to 0.5 feet bls and 0.5 to 2 feet bls (see Appendix B, Table B-24). UCL values were calculated to estimate the upper-bound on the mean value for each EU using the FLUCL calculation tool, following the Chapter 62-680, FAC, and RBCA guidance.



Legend

- Sample To Not Be Removed
- Sample To Be Removed
- PCB > 50 mg/kg To Be Excavated
- Area to be Excavated
- Total Area = 81,643 ft²
- Total Volume = 40,822 ft³ / 1,512 yd³
- Estimated Tonnage = 2,117 tons

N

0 50 100

Feet

Recreational Screening Standards (mg/kg)

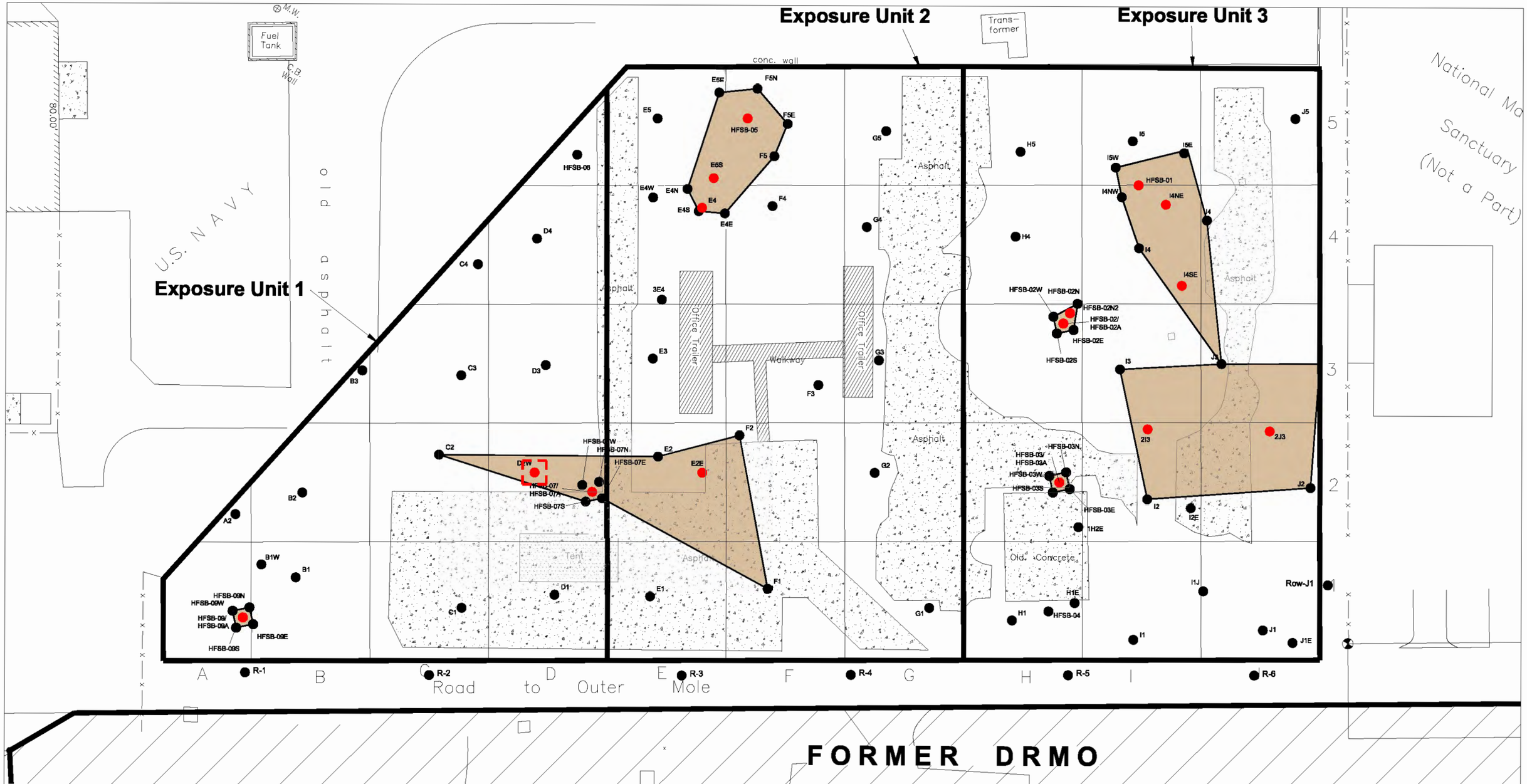
	3X SCTL	SCTL	Apportioned SCTL
Lead	1,200	400	400
PCB	3.87	1.29	0.645
BEQ	1.05	0.35	0.175

Samples also compared to FDEP Leachability Based on Groundwater Criteria SCTL (Chapter 62-777 F.A.C.)

FIGURE 1-5
Recreational Excavation Boundary
0 - 0.5 ft bls
Parcel K - Truman Annex
NAS Key West
Key West, Florida

AGVIQ CH2M HILL

Figure1-5_Parcel-K_Recreational_0-0.5.dwg
19-Jun-2012



Legend

- Sample To Not Be Removed
- Sample To Be Removed
- PCB > 50 mg/kg To Be Excavated
- Area to be Excavated

Total Area = 10,770 ft²

Total Volume = 16,155 ft³ / 598 yd³

Estimated Tonnage = 838 tons

N

0 50 100

Feet

Recreational Screening Standards (mg/kg)

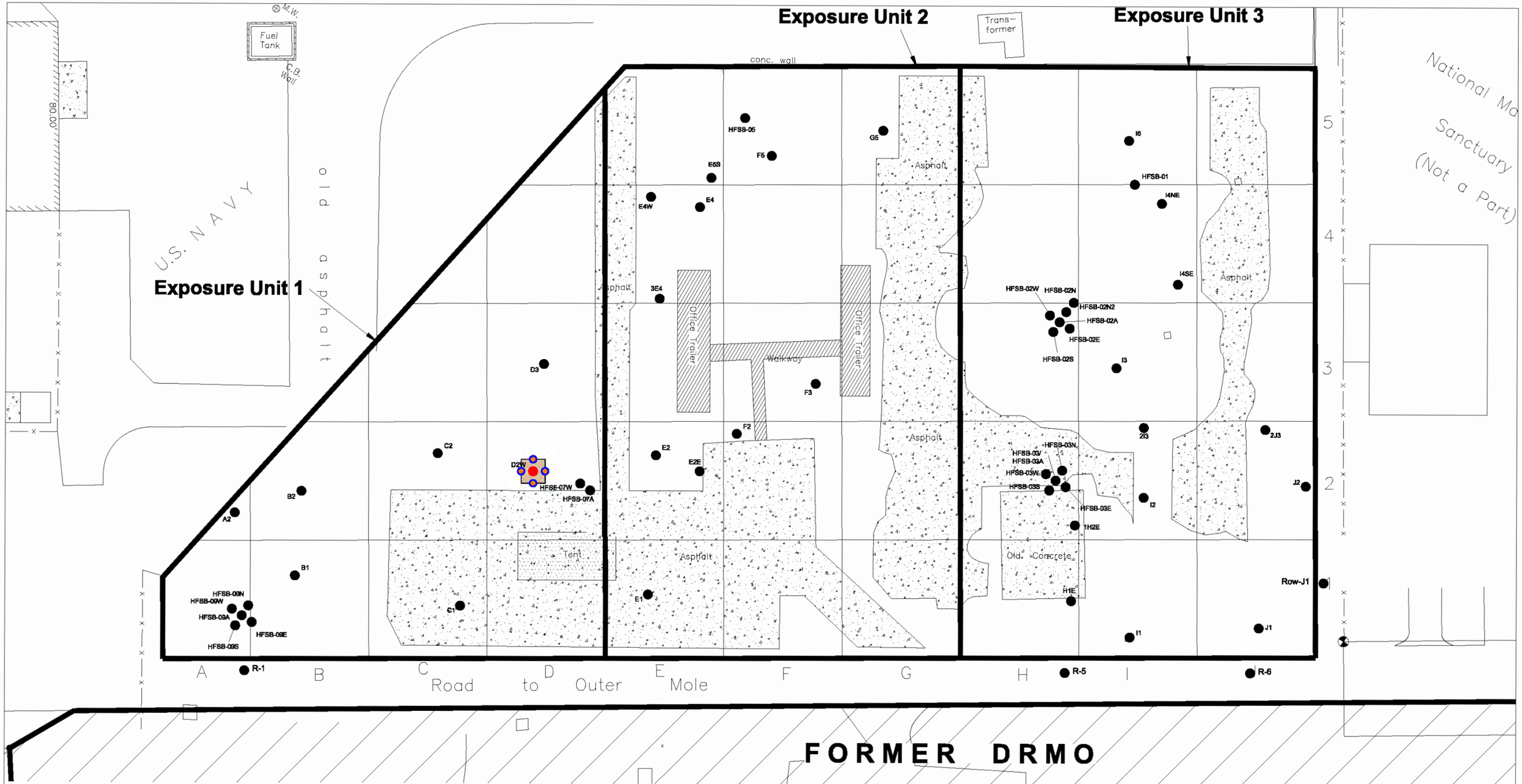
	3X SCTL	SCTL	Apportioned SCTL
Lead	1,200	400	400
PCB	3.87	1.29	0.645
BEQ	1.05	0.35	0.175

Samples also compared to FDEP Leachability
Based on Groundwater Criteria SCTL
(Chapter 62-777 F.A.C.)

FIGURE 1-6
Recreational Excavation Boundary
0.5 - 2 feet bls
Parcel K - Truman Annex
NAS Key West
Key West, Florida

AGVIQ CH2M HILL

Figure1-6_Parcel-K_Recreational_0.5-2.dwg
19-Jun-2012



Legend

- Sample To Not Be Removed
- Sample To Be Removed
- Confirmation Sample Location
- Approximate Area to be Excavated

Approximate Total Area = 100 ft²

Approximate Total Volume = 200 ft³ / 7.4 yd³

Approximate Estimated Tonnage = 10.4 tons

N

0 50 100

Feet

FIGURE 1-7

PCB > 50 mg/kg Excavation Boundary

2 - 4 ft bls

Parcel K - Truman Annex

NAS Key West

Key West, Florida

AGVIQ ENVIRONMENTAL SERVICES

CH2M HILL

Figure1-7_Parcek-K_Industrial.dwg
02-Aug-2012

Samples were removed until the apportioned total ratio from the COCs was at or below 1.0 for EU-wide concentrations as well as individual sample concentrations compared against the apportioned 3 times the SCTL values for hot spot concentration levels (see Appendix B, Tables B-22 and B-23).

1.8.1 EU1 Residual Levels

As included in Appendix B, Table B-24, the EU1 residual surface soil PCBs had a UCL value of 0.45 mg/kg (below the Direct Exposure Recreational SCTL of 1.29 mg/kg), and individual sample concentrations ranged between non-detect (ND) (less than 0.024 U mg/kg) to 2.3 mg/kg. The PAHs as benzo(a)pyrene equivalents (BEQs) in EU1 surface soils from 0 to 0.5 feet had a UCL value of 0.16 mg/kg in residual samples (below the Direct Exposure Recreational SCTL of 0.35 mg/kg), and individual sample concentrations ranged from ND (less than 0.0025 U mg/kg) to 0.17 mg/kg. The EU1 PCBs in soil from 0.5 to 2 feet bls had a UCL value of 0.35 mg/kg (below the Direct Exposure Recreational SCTL of 1.29 mg/kg), and individual sample concentrations ranged from ND (less than 0.014) to 1.1 mg/kg. The PAHs in soil from 0.5 to 2 feet depths had a UCL value of 0.22 mg/kg (below the Direct Exposure Recreational SCTL of 0.35 mg/kg) and individual sample concentrations ranged between ND (less than 0.0025 U mg/kg) to 0.56 mg/kg. None of the residual concentrations for PCBs or PAHs are identified as potential hot spot areas, even when the apportioned approach is used for the 3 times the SCTL value for both COCs (see Appendix B, Tables B-22 and B-23).

The residual lead concentrations for EU1 surface soil from 0 to 0.5 feet were estimated at an average concentration of 55.8 mg/kg (below the Direct Exposure Residential/Recreational SCTL of 400 mg/kg) and individual sample levels range between 34.1 mg/kg to 84 mg/kg in surface soil from 0 to 0.5 feet bls. The residual lead average concentration in EU1 surface soil from 0.5 to 2 feet bls was at 24.9 mg/kg, and the individual sample concentrations range from 5.8 mg/kg to 110 mg/kg (see Appendix B, Tables B-24 through B-26).

1.8.2 EU2 Residual Levels

As included in Appendix B, Table B-24, the EU2 residual surface soil PCBs had a UCL value of 0.43 mg/kg (below the Direct Exposure Recreational SCTL of 1.29 mg/kg), and individual sample concentrations ranged from ND (less than 0.024 U mg/kg) to 2.2mg/kg. The PAHs as BEQs in the EU2 surface soils from 0 to 0.5 feet bls had a UCL value of 0.2 mg/kg in residual samples (below the Direct Exposure Recreational SCTL of 0.35 mg/kg), and individual sample concentrations ranged from ND (less than 0.0025 U mg/kg) to 0.73 mg/kg. The EU2 PCBs in soil from 0.5 to2 feet bls had a UCL value of 0.34 mg/kg (below the Direct Exposure Recreational SCTL of 1.29 mg/kg), and individual sample concentrations ranged between 0.0093 J to 1.4 mg/kg. The PAHs in soil from 0.5 to 2 feet bls depths had a UCL value of 0.22 mg/kg (below the Direct Exposure Recreational SCTL of 0.35 mg/kg) and individual sample concentrations ranged from ND (less than 0.0025 U mg/kg) to 0.94 mg/kg. The residual concentrations in EU2 for PCBs or PAHs are not identified as potential hot spot areas based on apportioned 3 times the SCTL values used for both COCs (see Appendix B, Tables B-22 and B-23).

The residual lead concentrations for EU2 surface soil from 0 to 0.5 feet bls were estimated at an average concentration of 60.7 mg/kg (below the Direct Exposure Residential/ Recreational SCTL of 400 mg/kg) and individual sample levels ranged from 21.2 mg/kg to

128 mg/kg in surface soil from 0 to 0.5 feet bls. The residual lead average concentration in EU2 surface soil from 0.5 to 2 feet bls was at 23.1 mg/kg, and the individual sample concentrations ranged from 0.9 mg/kg to 121 mg/kg (see Appendix B, Tables B-24 through B-26).

1.8.3 EU3 Residual Levels

As included in Appendix B, Table B-24, the PCBs in EU3 had a residual surface soil (0 to 0.5 feet bls) UCL value of 0.36 mg/kg (below the Direct Exposure Recreational SCTL of 1.29 mg/kg), and individual sample concentrations ranged from ND (less than 0.014 U mg/kg) to 1.7 mg/kg. The PAHs as BEQs in the EU3 surface soils from 0 to 0.5 feet bls had a UCL value of 0.27 mg/kg (below the Direct Exposure Recreational SCTL of 0.35 mg/kg) in residual samples, and individual sample concentrations ranged from ND (less than 0.0025 U mg/kg) to 1.09 mg/kg. The EU3 PCBs in soil from 0.5 to 2 feet bls had a UCL value of 0.25 mg/kg (below the Direct Exposure Recreational SCTL of 1.29 mg/kg), and individual sample concentrations ranged from ND (less than 0.01) to 0.52 mg/kg. The PAHs in soil from 0.5 to 2 feet bls depths had a UCL value of 0.15 mg/kg (below the Direct Exposure Recreational SCTL of 0.35 mg/kg) and individual sample concentrations ranged from ND (less than 0.0025 U mg/kg) to 0.43 mg/kg. None of the residual concentrations in EU3 for PCBs or PAHs are identified as potential hot spot areas, even if the apportioned approach is used for the 3 times the SCTL value for both COCs (see Appendix B, Tables B-22 and B-23).

The residual lead concentrations for EU3 surface soil from 0 to 0.5 feet bls were estimated at an average concentration of 163.4 mg/kg (below the Direct Exposure Residential/ Recreational SCTL of 400 mg/kg) and individual sample levels ranged from 7.7 mg/kg to 391 mg/kg in surface soil from 0 to 0.5 feet bls. The residual lead average concentration in EU3 surface soil from 0.5 to 2 feet bls was at 37.5 mg/kg, and the individual sample concentrations ranged from 0.3 mg/kg to 296 mg/kg (see Appendix B, Tables B-24 through B-26).

Once the corrective action is implemented through the soil excavation at Parcel K, the soil to groundwater leachability pathway will be considered incomplete. The residual soils will not pose a LGW concern (see Appendix A, Table A-4).

1.9 Project Objectives

The primary objective of the remedial activities was to use the information gathered during the RBCA evaluation to direct the areas to excavate, transport, and dispose of contaminated soil that exceeded FDEP Direct Exposure Recreational and LGW SCTLs. Additionally, based on a comment from FDEP, conduct post-remediation groundwater sampling to assess the presence of lead in groundwater.

2.0 Project Execution

Soil excavation activities were conducted from January 16 through February 13, 2012. The final inspection for the civil work activities took place on April 18, 2012, once the vegetative cover was established. Monitoring well installation and groundwater sampling were conducted in August 2013. Additional task-specific details on the project schedule are included throughout this section.

The scope of work included the following tasks, which are described in detail in the following sections:

- Waste Characterization for Disposal
- Backfill Material Certification
- Mobilization and Site Preparation
- Pre- and Post-Excavation Survey
- Confirmation Soil Sampling
- Soil Excavation and Backfilling
- Transportation and Disposal of Wastes
- Site Restoration
- Decontamination and Demobilization
- Monitoring Well Installation
- Groundwater Sampling

Personnel representing the Navy and AGVIQ-CH2M HILL attended a pre-construction meeting on January 10, 2012, via teleconference. Discussion points included the project scope, schedule and logistics, traffic control, road removal, utilities, waste management, the sail boat regatta, and emergency response. Pre-construction meeting minutes are provided in Appendix C.

AGVIQ-CH2M HILL provided construction oversight for all field operations throughout the course of the project. AGVIQ-CH2M HILL field staff included a Project Superintendent, Quality Control (QC) Manager, Site Health and Safety Specialist, and equipment operators/laborers. Details of daily project activities were maintained in the daily Contractor Production/QC Reports, field logbooks, and site field records. Copies of the daily Contractor Quality Control Reports (CQCRs) and Contractor Progress Reports (CPRs) are included in Appendix D. Photographs of excavation activities were taken throughout the project and representative photographs are provided in Appendix E. A summary of the sequence of field activities is provided in Table 2-1.

TABLE 2-1
Chronology of Events
Parcel K, NAS Key West

Event	Date
Soil Waste Characterization Sampling	December 16, 2010
Backfill Source Characterization Sampling	November 8, 2011

TABLE 2-1
Chronology of Events
Parcel K, NAS Key West

Event	Date
Pre-Construction Meeting	January 10, 2012
Site Utilities Clearance	January 16 and 17, 2012
Mobilization and Site Setup	January 16 through January 21, 2012
Pre-excavation Survey	January 16 through 19, 2012
Confirmation Soil Samples	January 18 and 19, 2012
Waste Management	January 21 through December 2013
Surface/Subsurface Soil Excavation Non-TSCA Waste	January 21 through February 7, 2012
Surface/Subsurface Soil Excavation TSCA Waste	January 27 through February 9, 2012
Backfill and Grading	January 23 through February 10, 2012
Road Demolition and Excavation	January 23 through 27, 2012
Site Restoration (including hydroseeding)	February 10 through April 18, 2012
Decontamination/PCB Wipe Sampling	February 9 and February 13, 2012
Demobilization	February 13, 2012
Post Excavation Survey	February 24, 2012
Final Inspection	April 18, 2012
Mobilization and Utility Clearance	August 12 and 20, 2013August 21 and 22, 2013
Well Installation and Groundwater Sampling	
Well Abandonment	August 29, 2013
Demobilization	August 29, 2013

Lower-tier subcontractors associated with the project included:

- Transportation and disposal services, TSCA and non TSCA waste for offsite disposal - SWS Environmental Services Inc., of Jacksonville, Florida
- Provider and transporter for clean backfill, asphalt removal – Discount Rock and Sand of Marathon, Florida
- Provider of crushed lime rock - Metro Trucking Company of Hialeah, Florida
- Utility locator – GeoTek Services, LLC, of Melbourne, Florida
- Land surveyors – Island Survey, Inc., of Key West, Florida
- Electrical Services - Nearshore Electric, Inc., of Key West, Florida
- Groundwater sample analytical services - PEL Laboratories, Inc. (PEL), a Division of Spectrum Analytical, Inc., of Tampa, Florida
- Hydroseed – Florida Hydroseed & Erosion Control, Indiantown, Florida
- Drillers – Partridge Drilling, Jacksonville, Florida
- Transportation and disposal services for well installation activities - Capitol Environmental Services, Newark, Delaware

2.1 Pre-Excavation Waste Characterization and Backfill Sampling

Soil samples were collected to evaluate backfill sources and to characterize soil within the excavation footprint for disposal. Soil sampling was conducted in accordance with the sampling and analysis plan in the Work Plan (AGVIQ-CH2M HILL, 2011a). Laboratory analytical data packages are included in Appendix F.

2.1.1 Offsite Backfill Source Characterization

Two composite samples of backfill material were collected on November 8, 2011, from Discount Rock and Sand facility (Marathon, Florida) to determine if the material could be used as a source of backfill material. The samples were sent to PEL laboratory and analyzed for the following constituents using EPA-approved methods:

- Target Analyte List (TAL) Metals (SW-846 Method 6010B)
- Target Compound List (TCL) VOCs (SW-846 Method 8260B)
- TCL SVOCs (SW-846 Method 8270D)
- PAHs, including 1- and 2-methylnaphthalene (SW-846 Method 8270D SIM)
- Total Recoverable Petroleum Hydrocarbons (Florida Petroleum Residual Organic Method)
- TCL Pesticides (SW-846 Method 8081B)
- Herbicides (SW-846 Method 8151)
- PCBs (SW-846 Method 8082)
- Mercury (SW-846 Methods 7471A and 7470A)
- pH (SW-846 Methods 9054C and 9040C)

Review of the analytical data indicated that the backfill material met the FDEP SCTLs for Direct Exposure Residential and LGW criteria as specified in Chapter 62-777, FAC, with the exception of arsenic. The arsenic concentrations, 2.99 J mg/kg and 3.76 J mg/kg, were above the Direct Exposure Residential SCTL (2.1 mg/kg) but were below the Direct Exposure Recreational SCTL (5 mg/kg). The arsenic sample was reanalyzed on January 25, 2012, using SW-846 Method 6020. The high levels of calcium found in Florida soil can cause an interference with detecting arsenic using the inductively coupled plasma (ICP) instrument for Method 6010. Method 6020 uses an ICP-mass spectrometry (MS) instrument, which does not have this interference issue. Additionally, Method 6020 has a lower reporting limit than Method 6010. The revised arsenic results using Method 6020 (1.1 mg/kg and 0.46 J mg/kg) were below the Direct Exposure Residential SCTL; therefore, the material was considered an acceptable source of backfill material for Parcel K. The laboratory data package for the backfill material is included in Appendix F. Table F-1 in Appendix F presents the analytical results summary for the backfill samples.

2.1.2 Soil Waste Characterization

All soil was previously characterized for disposal. Waste characterization samples were collected from the three EUs in December 2010. Each EU was divided into a northern and southern half, making six sampling grids (EU1N, EU1S, EU2N, EU2S, EU3N, and EU3S; see Figure 1-3). Three soil samples were collected in low, medium, and high areas of contamination from 0 to 2 feet bls per sampling grid and composited for waste analysis (Table 2-2). The samples were sent to PEL and analyzed for the following constituents using EPA-approved methods:

- Toxicity Characteristic Leaching Procedure (TCLP) VOCs (SW-846 Methods 1311/8260B)
- TCLP Resource Conservation and Recovery Act (RCRA) Metals (SW-846 Methods 1311/6010B/7470A)
- TCLP Herbicides (SW-846 Method 1311/8151A)
- PCBs (SW-846 Method 8082)
- Sulfide (SM Method 4500SF)
- Ignitability (SW-846 Method 1010)
- Corrosivity (SW-846 Method 9045)
- Cyanide (SW-846 Method 9012)

All of the composite soil sample analytical results were RCRA non-hazardous and non-TSCA waste, except for soils within EU1S, which had a PCB concentration of 6,200 mg/kg. In accordance with the Risk Based Disposal Approval, waste samples greater than or equal to 50 mg/kg are considered TSCA waste. Because of this exceedance, additional PCB samples were collected in April 2011 from 0 to 0.5 feet bls, to delineate individual PCB concentrations greater than or equal to 50 mg/kg in soil (Figure 1-4). Appendix F contains an analytical waste summary table (Table F-2), as well as the full laboratory results from the waste sampling activities. Table 2-2 summarizes waste characterization soil sampling locations of the April 2011 event.

Waste characterization information was included on a waste profile forms provided by the offsite facilities. AGVIQ-CH2M HILL provided analytical data from characterization sampling and analysis. Waste characterization information was documented on waste profile forms provided by the offsite treatment and disposal facilities as part of the waste acceptance process. The profiles were reviewed and approved by the AGVIQ-CH2M HILL Waste Coordinator prior to submission to the Navy for generator signature. Navy personnel provided generator certification and/or signature wherever required. The signed profiles were submitted to the disposal facilities for acceptance approval. Waste documentation is included in Appendix G.

TABLE 2-2
Waste Characterization Soil Sampling Locations
Parcel K, NAS Key West

Grid	Boring	Depth (feet)
EU1N	C4	0-0.5
	D4	0-0.5
	D4N	0-0.5
EU1S	B1	0-0.5
	D2W	0-0.5
	HFSB-07	0-2
EU2N	3E4	0-0.5
	E5S	0-2
	G4	0-0.5
EU2S	E1	0-0.5
	E2E	0-0.5
	F3	0-0.5
EU3N	HFSB-02	0-0.5
	I4SE	0-0.5
	I4NE	0-2
EU3S	I1J	0-0.5
	2I3	0-0.5
	HFSB-03	0-2

2.2 Site Utilities Clearance

On January 12, 2012, Sunshine State One-Call of Florida, Inc. was contacted to identify and mark known utilities. A third-party underground utility survey was conducted by GeoTek Services, LLC, on January 16 and 17, 2012, to identify the locations of utilities. The surveys included the locate of underground utilities (e.g., fiber optics cable, electric wires, telephone and/or communications leads, sanitary and storm sewer piping, water lines, and natural gas pipelines). The utilities were marked with paint. In addition, the progress of subsurface work was continuously monitored for evidence of obstructions.

2.3 Soil Excavation

2.3.1 Mobilization and Site Setup

AGVIQ-CH2M HILL mobilized to initiate site preparation for the surface and subsurface soil excavation on January 16, 2012. This task included the mobilization of personnel and equipment to the work site, and establishing site and environmental controls, such as caution tape, signage, and construction barricades for construction safety and security. In accordance with the Stormwater Pollution Prevention Plan (SWPPP; AGVIQ-CH2M HILL, 2011b), a silt fence was installed around the perimeter of the site to minimize any sediment runoff. The silt fence was installed in accordance with the Florida Department of

Transportation's (FDOT's) 2007 Erosion and Sediment Control Manual (FDOT, 2007) and designed to contain low-volume runoff for deposition of suspended particles. Placement of erosion controls (silt fence) during excavation is shown on Figure 2-1. Photographs of the silt fence are included in Appendix E.

Other site preparation activities included setting up a field office, material storage containment, establishing pre-surveyed grid points, staking out PCB hot spots within the grid, arranging a detour for cruise ship operation traffic, and conducting a quality control (QC) check of grid points, limits, and dimensions of the excavation. Site photographs were taken before, during, and after the excavation are located in Appendix E.

2.3.2 Pre-excavation Survey

On January 18, 2012, the site was surveyed by a State of Florida-registered surveyor, Island Surveying of Key West to re-establish the sampling grid, and locate and mark the excavation limits as identified in the Work Plan (AGVIQ-CH2M HILL, 2011a).

Prior to starting excavation activities, the proposed excavation boundaries (as shown on Figures 1-4 through 1-6) were marked and staked by the AGVIQ-CH2M HILL field team. The excavation limits were identified based on data from the original survey. The existing topography was also surveyed so that the post-excavation site restoration could be compared to the original site conditions.

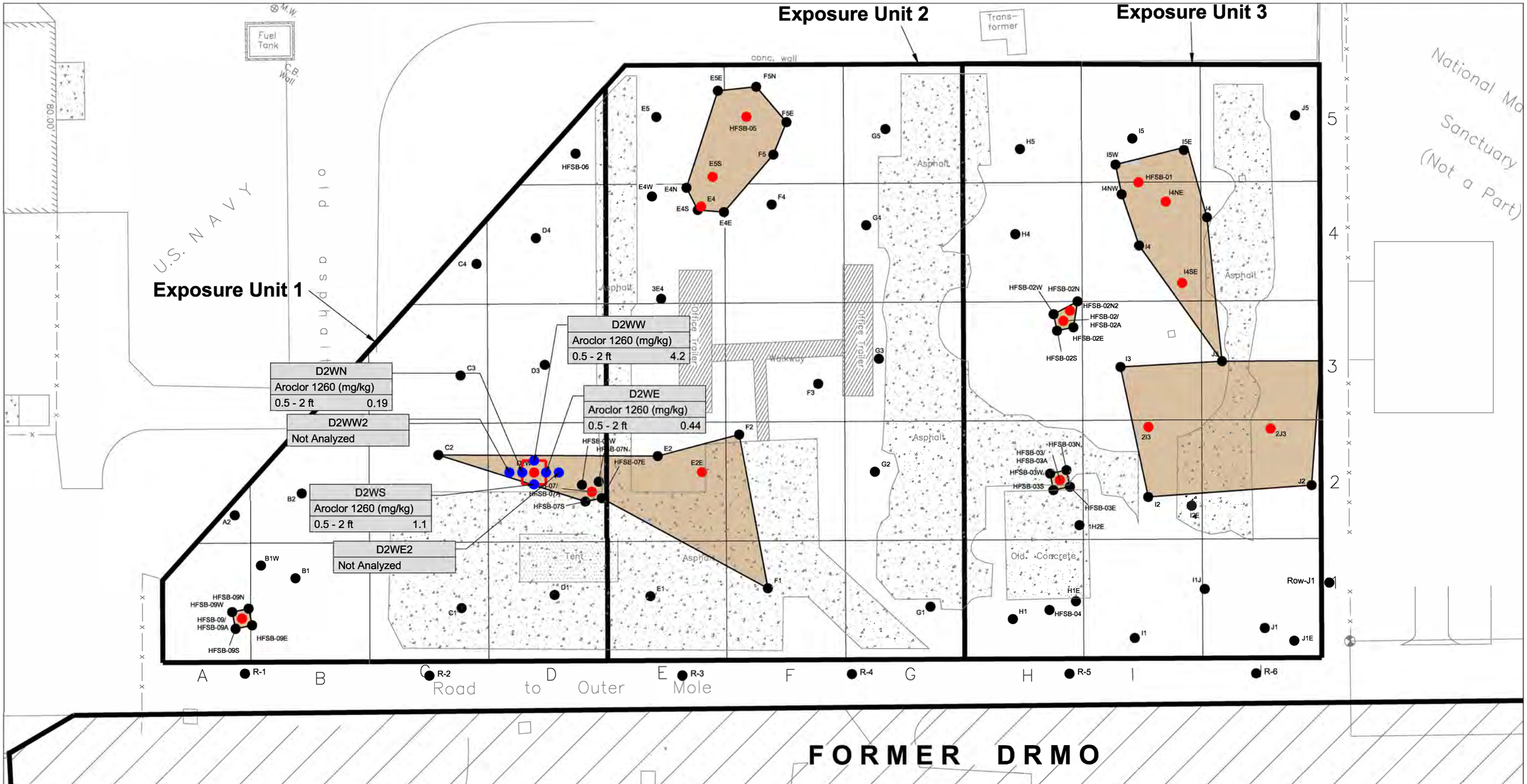
2.3.3 Confirmation Soil Sampling

2.3.3.1 PCB Sampling near Sample D2W

On January 18, 2012, surface and subsurface sidewall pre-excavation confirmation soil samples were collected in the PCB hot spot area (greater than or equal to 50 mg/kg) near grid sample D2W. Samples were collected in four directions (north, south, east, and west) approximately 5 feet from the original sample D2W; borings were labeled D2WN, D2WS, D2WE, and D2WW, respectively. Samples were collected from 0.5 to 2 feet bls and 2 to 4 feet bls at each location to delineate the extent of the PCB contamination greater than or equal to 50 mg/kg.

A PCB field kit was used to pre-screen soil above 50 mg/kg in the four initial step-out sample locations from 0.5 to 2 feet bls (only four test kits were available). Although the results of the PCB field screening test kits indicated the samples were less than 50 mg/kg, additional step-out samples were collected 5 feet out from the eastern and western step-out sample locations in the event the analytical results were above 50 mg/kg; borings were labeled D2WE2 and D2WW2, respectively. A total of 12 soil samples (plus quality assurance (QA)/QC) were submitted for offsite analysis of PCBs. Four samples were placed on hold pending the outcome of the initial step-out samples. Samples were shipped overnight to PEL in Tampa, Florida, with rapid turnaround time for PCB analysis by SW-846 Method 8082. No floor sample was collected since a previous sample confirmed the concentration of PCBs at D2W from 4 to 6 feet bls interval was 2.3 mg/kg.

For the 0.5 to 2 feet bls samples, the four initial step-out samples were analyzed and each exhibited PCB concentrations below 50 mg/kg. Based on this additional sampling, an area encompassing approximately 100 ft^2 from 0.5 to 2 feet bls was identified as TSCA waste. Figure 2-1 presents the sample locations and results for the 0.5 to 2 feet bls samples.



Legend

- Sample To Not Be Removed
- Sample To Be Removed
- Confirmation Sample Location
- PCB > 50 mg/kg To Be Excavated
- Area to be Excavated

Total Area = 10,770 ft²
Total Volume = 16,155 ft³ / 598 yd³
Estimated Tonnage = 838 tons

N

0 50 100
Feet

Recreational Screening Standards (mg/kg)

	3X SCTL	SCTL	Apportioned SCTL
Lead	1,200	400	400
PCB	3.87	1.29	0.645
BEQ	1.05	0.35	0.175

Samples also compared to FDEP Leachability
Based on Groundwater Criteria SCTL
(Chapter 62-777 F.A.C.)

FIGURE 2-1
Soil Confirmation Sampling
0.5 - 2 feet bls
Parcel K - Truman Annex
NAS Key West
Key West, Florida

AGVIQ ENVIRONMENTAL SERVICES
CH2M HILL JOINT VENTURE

Figure2-2 Soil Confirmation Sampling.dwg
13-Jul-2012

Table F-3 in Appendix F presents a summary of the PCB confirmation sampling data collected in 2012.

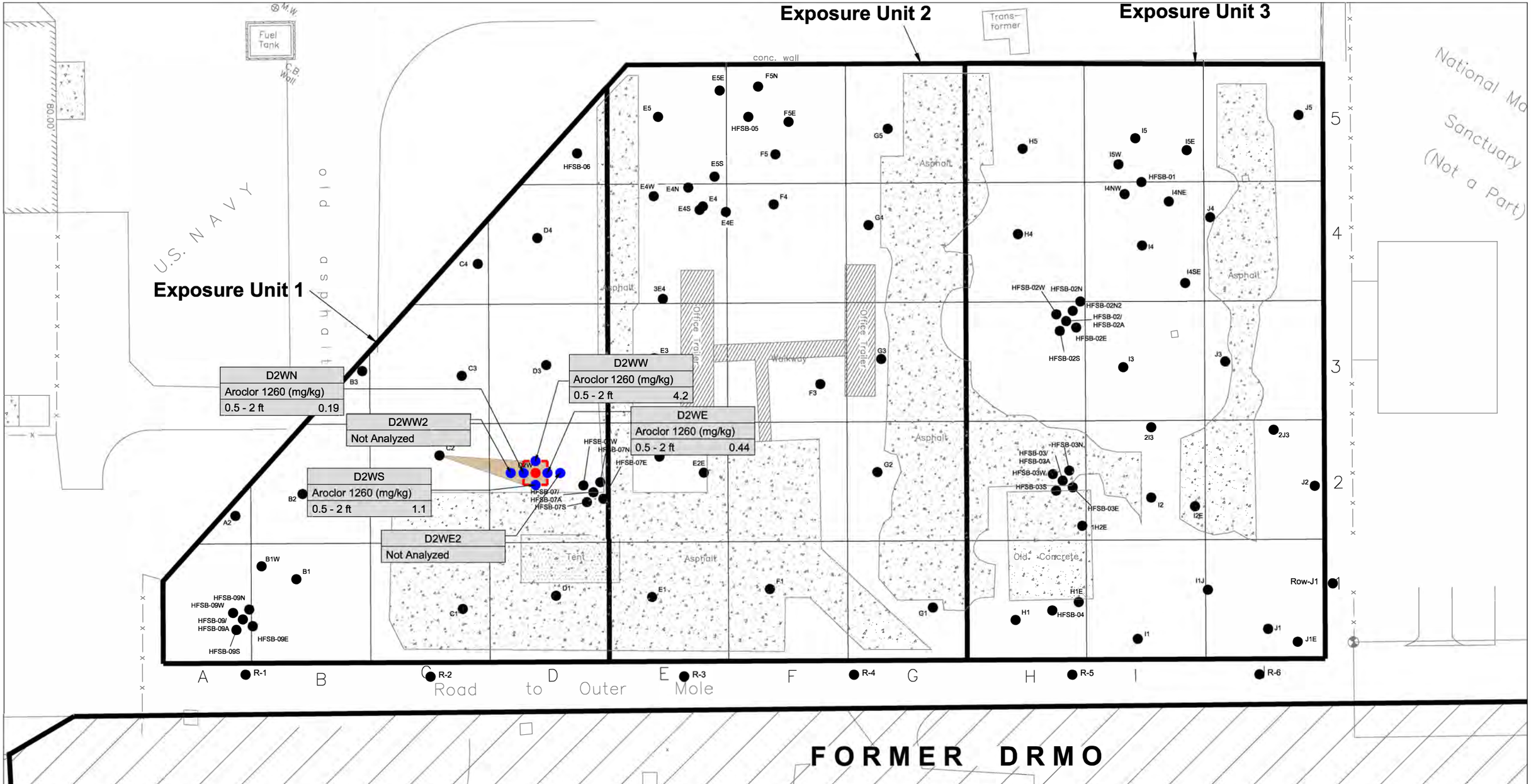
For the 2 to 4 feet bls samples, the four initial step-out samples were analyzed and each exhibited PCB concentrations below 50 mg/kg. Based on this additional sampling, an area encompassing approximately 100 ft^2 from 2 to 4 feet bls was identified as TSCA waste. Samples were also compared to the Direct Exposure Recreational SCTL developed for the site (1.29 mg/kg) to determine the extent for the non-TSCA excavation at this depth. The samples to the north, south, and east were all below the SCTL. The western sample, D2WW, exhibited a concentration above the Direct Exposure Recreational SCTL at 7.4 mg/kg. An additional step-out sample, D2WW2 was analyzed; this result also exceeded the SCTL at 19 mg/kg. No additional step-out samples were collected; rather, it was determined to use the existing sample from boring C2 as the boundary for the non-TSCA excavation. The resulting non-TSCA excavation area from 2 to 4 feet bls was 276 ft^2. Figure 2-2 presents the sample locations and results for the 2 to 4 feet bls samples.

2.3.3.2 PAH Sampling at the Mole Pier Gate

During the site reconnaissance conducted prior to excavation activities, it was noted that sensor wires were embedded in the asphalt in front of the entrance to the Mole Pier gate (see Photo E-12, Appendix E). After conferring with the Navy, it was determined that these sensor wires controlled the security gate and it was imperative that these sensors not be disturbed. The area in front of the gate had been designated to be removed as non-TSCA waste based on the road sample Road-1 (R-1, Figure 1-5). Since R-1 contained elevated levels of PAHs, it was assumed from R-1 west to the Mole Pier gate was also impacted. To avoid excavating to the gate, AGVIQ-CH2M HILL collected an additional soil sample from 0 to 0.5 feet bls on January 19, 2012, approximately 17 feet east of the Mole Pier gate. This sample, Road-1A, was analyzed for PAHs in accordance SW-846 Method 8270D-SIM. Analytical results from the laboratory were screened against the BEQ Direct Exposure Recreational SCTLs. The sample result (0.24 mg/kg BEQs) was below the SCTL. This indicated that the excavation would not have to extend to the gate (thereby sparing the sensors), but could end 17 feet east of the gate. Table F-4 in Appendix F presents a summary of the PAH confirmation sampling data collected in 2012. The laboratory data package is also included in Appendix F.

2.3.4 Excavation, Transportation, and Disposal

Soil excavation activities at Parcel K were conducted between January 23 and February 13, 2012. A water truck was used to supply water for dust control during earth disturbing activities. Additionally, traffic routes and haul roads were designated, maintained, and watered to reduce dust as necessary. Excavation equipment (excavator, front-end loader, bulldozer, and backhoe) was operated in such a manner to minimize airborne particulates whenever possible (e.g., the bucket discharge height of excavator was limited). Dust monitors were placed downwind and checked periodically during excavation activities to ensure air conditions were below action limits.



Legend

- Sample To Not Be Removed
- Sample To Be Removed
- Confirmation Sample Location
- PCB > 50 mg/kg To Be Excavated
- Area to be Excavated

Total Area = 10,770 ft²
Total Volume = 16,155 ft³ / 598 yd³
Estimated Tonnage = 838 tons

N

0 50 100
Feet

Recreational Screening Standards (mg/kg)

	3X SCTL	SCTL	Apportioned SCTL
Lead	1,200	400	400
PCB	3.87	1.29	0.645
BEQ	1.05	0.35	0.175

Samples also compared to FDEP Leachability
Based on Groundwater Criteria SCTL
(Chapter 62-777 F.A.C.)

FIGURE 2-2
Soil Confirmation Sampling
2 - 4 feet bls
Parcel K - Truman Annex
NAS Key West
Key West, Florida

AGVIQ ENVIRONMENTAL SERVICES
CH2M HILL JOINT VENTURE

Figure2-3 Soil Confirmation Sampling 2-4ft.dwg
13-Jul-2012

Beginning on January 23, 2012, approximately 3,087 tons (142 truck loads) of non-TSCA soil were removed from Parcel K and transported to CEMEX Environmental Services in Miami, Florida,-for soil treatment. CEMEX is a solid waste management facility that operates under FDEP Waste Permit No. 0133892-006-SO (expires May 22, 2013). The non-TSCA soil was generally live-loaded directly into trucks. Hard surfaces including concrete and asphalt within non-TSCA areas of Parcel K were removed and transported offsite to a recycling facility; a total of 25 truckloads of asphalt and concrete debris were disposed of by Discount Rock & Sand of Marathon, Florida. Concrete, asphalt and other construction debris, such as construction fence, plastic sheeting, wood debris, and personal protective equipment (PPE) that came into contact with the soil with PCB concentrations greater than or equal to 50 mg/kg were combined and disposed of with the TSCA waste. One roll-off box containing common household trash and construction debris was disposed by Discount Rock & Sand.

AGVIQ-CH2M HILL coordinated with NAVFAC and the City of Key West in order to excavate the areas beneath Angela Street on the south side of the site (Figure 1-5). Angela Street is the primary street for cruise ship and Mole Pier access, and falls within the limits of this excavation. AGVIQ-CH2M HILL was tasked to remove the asphalt pavement and excavate the soil beneath the road to 0.5 feet bls. However, AGVIQ-CH2M HILL was not tasked to replace the asphalt; instead, the road was backfilled by AGVIQ-CH2M HILL with crushed lime rock and compacted in accordance with FDOT *Standard Specifications for Road and Bridge Construction (*FDOT, 2010*)* (Section 911-5.2.1). Prior to removing the road, traffic was rerouted from Angela Street south around the former DRMO for access to the Mole Pier gate. On January 24 and 25, 2012, the asphalt was removed from road and subsurface soil excavated to 0.5 feet bls. The material was direct loaded into dump trucks for offsite transportation and disposal (asphalt was segregated from the soil). Once Angela Street asphalt was removed and the soil excavated, the area was backfilled with crushed lime rock and compacted in 6- to 8-inch lifts using heavy equipment and a drum roller. On January 26, 2012, a contractor for the City of Key West, DN Higgins, graded and compacted the road base to their specifications. The City contractor replaced the asphalt on Angela Street on January 27, 2012; the street was reopened and the detour signage and barricades removed.

The TSCA waste areas were managed by color coding the boundaries to distinguish between non-TSCA waste material and TSCA waste material. Excavation of the surface soil was completed to 0.5 feet bls in portions of Grids C-2, C-3, C-4, D-2, D-3, E-1, E-2, E-3 and F-2 (Figure 1-5). The 0.5- to 4-foot excavation in the TSCA soil area was limited to a portion of Grid D-2 (Figures 2-1 and 2-2). The TSCA waste was removed using an excavator with a dedicated bucket to prevent cross contamination. A portion of the soil from Grid D-2 was temporarily stockpiled within the excavation boundary to allow access to the non-TSCA soil beneath. The stockpile was bermed and covered with 10-millimeter thick polyethylene sheeting and anchored with sandbags along the edges.

The soil classified as TSCA waste was placed into trucks lined with polyethylene sheeting and placarded with Class 9 classification on all sides. Approximately 281 tons (14 trucks) of TSCA waste were removed from Parcel K and transported to a Chemical Waste Management, in Emelle, Alabama, a disposal facility approved for PCBs under TSCA. This facility is also approved under CERCLA Offsite Rule. The Alabama Department of

Environmental Management approved the waste profiles for the TSCA waste prior to transportation and disposal.

The depths of the excavation limits were verified using a survey rod and level. Each excavation area was checked by the AGVIQ-CH2M HILL QC Manager or Site Superintendent before it was deemed "complete" and backfilled. AGVIQ-CH2M HILL field staff maintained a Transportation and Disposal (T&D) Log throughout the excavation and monitored progress on daily CQCRs and CPRs (Appendix D). Final facility-signed waste manifests, weight tickets, haul tickets and certificates of disposal, and the T&D Log are provided in Appendix G.

Erosion and sediment controls were maintained during excavation activities. The site and erosion and sediment controls were inspected within 24 hours after any rain event greater than 0.5 inch and at least once every 7 days.

2.3.5 Backfill

As the impacted soil was excavated, each open area was backfilled to original grade with the pretested offsite material consistent with native soils and suitable for establishing cover (topsoil). A total of 122 truckloads of 50 percent topsoil/50 percent sand (50/50) mixture were imported from the Discount Rock and Sand facility in Marathon, Florida. An additional 50 loads of common fill imported from the same facility were used as subsurface backfill material. Backfill was placed in 6- to 8-inch lifts and compacted using heavy equipment and placed in a manner that did not disturb or damage the surroundings.

Approximately 252 yd^3 (14 loads) of crushed lime rock imported from Discount Rock and Sand and their direct supplier Charley Toppino & Sons was used as road base on Angela Street. The lime rock was compacted with a smooth drum vibratory roller to support vehicular traffic.

2.3.6 Post-excavation Survey

On February 24, 2012, a post-excavation survey was conducted by a Florida-registered surveyor, Island Surveying. After the site was graded, the final topography was surveyed so that the post-excavation site restoration could be compared to the original site conditions. The post-excavation survey is provided in Appendix H.

2.3.7 Hydroseeding

To stabilize disturbed areas of the site, as required in the SWPPP, the site was revegetated via hydroseeding. Florida Hydroseed & Erosion Control mobilized to the site on February 16, 2012, and installed a temporary irrigation system to aide in the establishment of vegetative growth. Seed application began on February 27, 2012. Florida Hydroseed & Erosion Control applied a standard FDOT seed mix in four batches (approximately 1,200 gallons per batch) within the grid, including undisturbed areas where grass died as a result of remediation activities. Beginning March 5, 2012, weekly inspections were conducted until 70 percent vegetative growth was established. Irrigation system and growth monitoring were the focus of the inspections. On March 29, 2012, approximately 60 percent growth was recorded and a final inspection was scheduled with the Navy and AGVIQ-CH2M HILL for April 18, 2012. See Appendix E Photo Log for evidence of vegetation

growth progress. The previously installed silt fence remained in place until final inspection and a minimum of 70 percent of the disturbed soil was re-vegetated.

2.3.8 Final Inspection

On April 18, 2012, AGVIQ-CH2M HILL and Mr. Robert Courtright, NAVFAC SE Environmental Division, met onsite to conduct a final site inspection. Upon inspection, the Navy accepted the site as complete and no further field activities were required by AGVIQ-CH2M HILL.

2.4 Decontamination and Demobilization

Prior to leaving the Parcel K site, personnel and equipment that had come in contact with contaminated material were decontaminated in accordance with the Health and Safety Plan and applicable provisions of 29 CFR 1910.120. All decontaminated equipment was inspected by the Site Health and Safety Officer, Project QC Manager, or Project Superintendent.

The dedicated excavator bucket was dry brushed and then wet wiped, removing all material from the surface. The small amounts of aqueous waste generated and collected, and the brushes and rags used in the cleaning process were contained and disposed of with the contaminated soil material.

On January 18, 2012, one wipe sample was collected from the dedicated excavator bucket used to remove soil containing PCB concentrations greater than 50 mg/kg. The sample was sent to PEL laboratory for analysis of total PCBs by SW-846 Method 8082. Review of preliminary analytical data indicated that the results were above acceptable limits for PCBs, ≤10 µg/100 cm^2 (per 40 CFR 761.79(b)(3)(i)(A)); the preliminary result was reported as 10.3 µg/100 cm^2). The equipment was decontaminated again and another wipe sample was collected on January 23, 2012. The results of the second wipe sample was reported as 1 µg/100 cm^2 PCBs; therefore, the equipment was demobilized.

A second excavator bucket was decontaminated and a wipe sample was collected on February 9, 2012. The sample was sent to PEL for analysis of total PCBs. The analytical result (50 µg/100 cm^2) was above acceptable limits for PCBs. The equipment was decontaminated again and an additional wipe sample was collected on February 13, 2012. The result of the second wipe sample was reported at 1.3 µg/100 cm^2, below acceptable limits for PCBs; therefore, the equipment was demobilized. The laboratory data package for the wipe sample is included in Appendix F.

Demobilization of the field team and equipment took place between February 9 and 13, 2012. During demobilization, temporary facilities, utilities, and equipment were removed from the site. In addition, debris and solid household waste material remaining from construction activities were removed and properly disposed of offsite.

2.5 Well Installation and Groundwater Sampling

On July 16, 2013, AGVIQ-CH2M HILL submitted a Work Plan Revision (02) to the Navy as a result of the FDEP's request for additional work at Truman Harbor Front (Parcel K and the former DRMO), NAS Key West. The scope of work included installing at least one

monitoring well in the source area where lead was detected in soil at 30,200 mg/kg in surface soil from 0 to 6 inches bls at grid location I2E (Figure 2-3). As described in Section 1.5, a temporary monitoring well was installed at the location of I2E in 2010. A groundwater sample collected from the monitoring well indicated the lead concentration was 59.2 µg/L. Although this concentration is below the GCTL for the LY/PQ (150 µg/L, FDEP, 2005a), FDEP guidance states the contaminant plume in groundwater must be delineated to the GCTL of 15 µg/L. Since the lead-impacted soil was removed in 2012, the groundwater at I2E was to be resampled prior to installing perimeter wells at the site for delineation. If the lead concentration was above the GCTL of 15 µg/L or the marine surface water GCTL of 8.5 µg/L (FDEP, 2005a), due to the proximity of the site to a surface water body, then four additional monitoring wells would be installed for delineation.

2.5.1 Monitoring Well Installation

On August 12, 2013, AGVIQ-CH2M HILL initiated site preparation for well installation and groundwater sampling. Prior to drilling mobilization, the proposed well locations (as shown on Figure 2-3) were marked by AGVIQ-CH2M HILL. Each proposed well location was screened for the presence of underground utilities by Geotek, a third-party, independent utility locating service. AGVIQ-CH2M HILL also contacted the Sunshine State One-Call utility parties prior to any subsurface/intrusive work.

AGVIQ-CH2M HILL and Partridge Drilling, a State of Florida licensed driller, mobilized to the site for well installation on August 20, 2013. Monitoring well MW-I2E (identified as the source well) was installed in accordance with the South Florida Water Management District requirements, FDEP Standard Operating Procedure (SOP) PCS-006 (FDEP, 2005b), EPA Field Branches Quality and Technical Procedures (EPA, 2009), and American Society for Testing and Materials (ASTM) Standard ASTM D5092-04e1: Standard Practice for Design and Installation of Ground Water Monitoring Wells (ASTM, 2010).

The monitoring well was drilled using hollow-stem auger technology and constructed of 10 feet, 2-inch ID, Schedule 40, polyvinyl chloride (PVC), 0.010-inch, continuous slot well screen threaded to approximately 3 feet of 2-inch ID, Schedule 40, PVC well casing. The well screen was installed such that it intercepted the top of the water table. Soil lithology was described by the field AGVIQ–CH2M HILL geologist during the well installation activities to visually classify the soil profile. The onsite geologist also prepared soil boring and well completion diagrams (Appendix I). No surface completion was constructed on the well pending analytical results. Drill cuttings generated during drilling activities were contained in one 55-gallon drum and staged at a secured fenced location on nearby Navy property.

2.5.2 Well Development and Groundwater Sampling

On August 21, 2013, well MW-I2E, was developed. Well development included removal of fines from the screened zone using a centrifuge pump attached to the drill rig and down-hole tremie pipe. No air, detergents, soaps, acids, bleaches, or additives were used during well development. The well was developed for 16 minutes at approximately 2 gallons per minute (gpm). A total of 32 gallons (more than 26 well volumes) were purged from the well. Development continued until clear, sand-free formation water was produced from the well.

Fuel Tank

M.W.

C.B. Wall

80.00'

U.S. NAVY

old asphalt

Exposure Unit 1

Exposure Unit 2

Exposure Unit 3

conc. wall

Trans-former

Asphalt

Office Trailer

Walkway

Office Trailer

Asphalt

Asphalt

Asphalt

Tent

Asphalt

MW-I2E
08/22/2013
Lead 7.5U µg/L
(not detected)

HFSB-I2E-GW
12/15/2010
Lead 59.2 µg/L

National Ma

Sanctuary

(Not a Part)

A B C Road to D Outer E Mole F G H I J

1 2 3 4 5

FORMER DRMO

Legend

Temporary Monitoring Well Location

Monitoring Well Location

N

0 50 100

Feet

Lead Cleanup Target Levels (µg/L)

Groundwater	15
Marine Surface Water	8.5

FIGURE 2-3
Groundwater Sampling
Parcel K - Truman Annex
NAS Key West
Key West, Florida

AGVIQ CH2M HILL

Figure2-4_Groundwater_sampling.dwg
27-Sep-2013

Field parameters (temperature, pH, specific conductance, turbidity, dissolved oxygen [DO], and oxidation-reduction potential [ORP]) were logged on a well development log (Appendix I) by the AGVIQ-CH2M HILL Geologist. The well development log was completed at the time of development in accordance with FDEP SOP PSC-006 Design, Installation and Placement of Monitoring Wells (FDEP, 2005b). Water from development was contained and managed in accordance with Item No. 07 from the Work Plan Revision (02), Waste Management.

On August 22, 2013, well MW-I2E, was sampled. Prior to sampling, depth to groundwater and total depth were measured with an electronic water level probe. The tape for the water level probe was marked in increments of 0.01 foot. All measurements were recorded in the field logbook and on a groundwater sampling log to the nearest 0.01 foot (Appendix I).

Before sampling, the monitoring well was purged using a low-flow pump to minimize both agitation of the groundwater and sample turbidity, approximately 0.1 gpm. The intent of this procedure is to remove stagnant water from the well and introduce fresh groundwater into the well at a rate that does not produce drawdown of the water table in the well being sampled. A peristaltic pump was used to purge and sample. The pump intake (dedicated Master Flex tubing) was set approximately in the middle of the water column within the well screen, with a stagnant water column over the top of the pump. The well was purged at the low-flow rate until the field parameters (temperature, pH, specific conductance, turbidity, DO, and ORP) were stabilized. Parameters were recorded before initial purging and at 2-minute intervals thereafter using a flow-through cell to measure water quality. The well stabilized after three successive measurements; see Appendix I, groundwater sampling log for purging data. The sample was then collected in accordance with EPA Region 4 Field Branches Quality System and Technical Procedures, (EPA, 2009) and the FDEP SOP for Field Activities, DEP-SOP-001/01 (FDEP, 2008). Purge and decontamination water generated during well development and groundwater sampling was contained in one 55-gallon drum and staged at a secured fenced location on nearby Navy property. The groundwater samples were shipped to Gulf Coast Analytical Laboratories, LLC (GCAL), Baton Rouge, Louisiana, and analyzed for lead only using EPA Method 6020A on a 24-hour turnaround time.

Groundwater results for lead in both the sample and the duplicate were non-detect at 7.5U µg/L. Because the source well groundwater did not have detectable lead and the detection limit was below the GCTL protective of surface water of 8.5 µg/L (FDEP, 2005a), the four additional proposed perimeter wells were not installed.

See Appendix F for the groundwater analytical data package. The groundwater sampling results are summarized in Table 2-3. Groundwater results are shown on Figure 2-4.

TABLE 2-3
Groundwater Sampling Results 2013
Parcel K, NAS Key West

Location				MW-I2E	
Sample ID				JM22-MW-I2E	JM22-FD-01
Sample Date				8/22/2013	8/22/2013
Analyte	Units	GCTL[1]	MSWGCTL[2]		
SW6010B					
Lead	µg/L	15	8.5	7.5 U	7.5 U

Notes:
NA = not analyzed
GCTL = Groundwater Cleanup Target Level
1 = Chapter 62-777 FAC Groundwater Cleanup Target Levels (GCTLs) reported in µg/L
2 = Chapter 62-777 FAC Marine Surface Water (MSW) Criteria reported in µg/L
U = The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
µg/L = micrograms per liter

2.5.3 Waste Management

Soil cuttings were placed in one 55-gallon drum. On September 10, 2013, one soil sample was collected from soil cuttings for waste characterization. Representative soil samples were submitted to GCAL and analyzed for TCLP metals, TCLP VOCs, TCLP SVOCs, TCLP pesticides, TCLP herbicides, PCBs, ignitability, and corrosivity. Waste characterization and disposal sampling was collected in accordance with the AGVIQ-CH2M HILL Work Plan Revision 02, Item No. 07 (AGVIQ-CH2M HILL, 2013).

The aqueous waste sample was sampled on September 10, 2013, and analyzed by GCAL for TCLVOCs, TCL SVOCs, TCL pesticides, herbicides, PCBs, TAL metals, ignitability, and corrosivity.

One 55-gllon drum containing the soil cuttings and one drum (approximately 35 gallons) containing development, purge, and decontamination water were placed on pallets, properly labeled and stored at a secured location designated by NAS Key West Environmental personnel pending analysis. PPE, including sampling gloves and expendable sampling equipment, were bagged and disposed of at a Navy-designated location for disposal.

The wastes were characterized as non-hazardous, profiled, and properly disposed of offsite at a Navy-approved, licensed disposal facility. On December 17, 2013, Clark Environmental transported the wastes to their facility in Mulberry, Florida. The soil was landfilled and the wastewater was solidified and landfilled.

2.5.4 Well Abandonment

Because lead concentrations from well MW-I2E were below the action level of 8.5 µg/L, the well was abandoned on August 29, 2013. AGVIQ-CH2M HILL and its subcontractor abandoned the source area well by pulling the well screen and casing from the borehole. The filter sand\seal was collapsed into the open space of the borehole resulting from the well casing\screen removal. The well casing was properly disposed of by the drillers. Any open borehole interval was backfilled with grout. All work was performed in accordance with applicable federal, state, or local requirements.

3.0 Conclusions and Recommendations

3.1 Conclusions

Based on the characterization and remedial activities completed at the City-owned portion of Parcel K, the project objectives have been achieved. Because remediation activities have resulted in soil analytical results below Direct Exposure Recreational SCTLs and indirect exposure based soil LGW SCTLs, thus Parcel K has achieved the requirements for Site Rehabilitation Completion Order (SRCO) status, documenting no further action (NFA) with controls in accordance with Chapter 62-780.680(2) FAC. Therefore, the Navy requests that SRCO (NFA with controls) status be issued for the property.

As documented in this report, the following activities have been completed:

- Surface and subsurface soil impacted by past activities at Parcel K were excavated and transported offsite from January 16, 2012 through February 13, 2012.
- Approximately 3,087 tons (142 truck loads) of contaminated non-TSCA soil were removed from Parcel K and transported to CEMEX Environmental Services in Miami, Florida, for treatment. One additional 55-gallon drum of contaminated non-TSCA soil cuttings was disposed of at Clark Environmental in Mulberry, Florida.
- Approximately 281 tons (14 trucks) of TSCA wastes were removed from Parcel K and transported to Chemical Waste Management, in Emelle, Alabama, a disposal facility approved for PCBs under TSCA and approved under the CERCLA Offsite Rule.
- The excavations were backfilled with approximately 3,114 yd^3 of clean backfill material and 252 yd^3 of crushed lime rock.
- Vegetation cover across the site was established by applying a standard FDOT grass seed mix in areas that had been disturbed because of remediation activities.
- The site currently meets the Direct Exposure Recreational SCTLs and LGW SCTLs and is suitable to be used as a recreational park, with land use restrictions limiting unrestricted land use such as residential use (with restrictions).
- Groundwater sampling and analysis for lead was completed in the source well MW-I2E on August 22, 2013. Laboratory results indicate the lead was not detectable in groundwater and the detection limit was below the GCTLs protective of surface water and potable use.
- The wastewater from the well development and purging was solidified and disposed of at Clark Environmental in Mulberry, Florida.

3.2 Recommendations

Because remediation activities have resulted in soil analytical results below Direct Exposure Recreational SCTLs, the Truman Annex Quitclaim Deed should be revised to allow for recreational use of the property while maintaining a restriction to prevent residential land use.

4.0 Works Cited

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Appendix A
Historical Site Investigation Data

TABLE A-1
Parcel K Soil Sampling

Location				1			2		02A				02E			02N		
Sample ID				HFSB-01-0-6	HFSB-01-6-24	HFSB-01-0204	HFSB-02-0-6	HFSB-02-6-24	HFSB02A-0.0-0.5ft	HFSB02A-0.5-2.0ft	HFSB02A-2.0-4.0ft	HFSB-02A-0406	HFSB02E-0.0-0.5ft	HFSB02E-0.5-2.0ft	HFSB02E-2.0-4.0ft	HFSB02N-0.0-0.5ft	HFSB02N-0.5-2.0ft	HFSB02N-2.0-4.0ft
Sample Depth (ft)				0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	0 - 0.5	0.5 - 2	2 - 4	4 - 6	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	2 - 4
Sample Date				4/1/2009	4/1/2009	12/15/2010	4/1/2009	4/1/2009	7/23/2009	7/24/2009	7/24/2009	12/15/2010	7/23/2009	7/24/2009	7/24/2009	7/23/2009	7/24/2009	7/24/2009
Analyte	**Units**	**SCTL [1IND]**	**SCTL [REC]**															
PAH (MG/KG)																		
Benzo(a)anthracene	MG/KG	#	#	3.4	0.92	0.0049	13	0.71	14	0.068	0.29 J	0.0042 J	27.2	0.0094	0.009 U	9.2	7.6	0.0087 U
Benzo(a)pyrene	MG/KG	0.7	0.35	**3.2**	**0.97**	0.0078	**13**	**0.78**	**17.2**	0.15	**1.6 J**	0.009	**26.5**	0.02	0.02	**11.6**	**9**	0.0094 U
Benzo(b)fluoranthene	MG/KG	#	#	5.2	1.4	0.012	18	1.2	14	0.16	1.6 J	0.015	23.7	0.021	0.02	9.2	7.5	0.045
Benzo(k)fluoranthene	MG/KG	#	#	1.7	0.6	0.0056	5.8	0.34	7	0.048	0.67 J	0.005 J	11.8	0.008 J	0.0091	4.5	3.6	0.0082 U
Chrysene	MG/KG	#	#	3.7	1	0.0054	13	0.75	14.2	0.091	0.76 J	0.0045	27.2	0.014	0.011	9.3	8.1	0.0082 U
Dibenz(a,h)anthracene	MG/KG	#	#	0.051 U	0.013 U	0.007 U	0.067 U	0.013 U	1.7	0.021	0.15 J	0.0082 U	2.9	0.0083 U	0.0086 U	1.2	1.8	0.0082 U
Indeno(1,2,3-cd)pyrene	MG/KG	#	#	2.4	0.77	0.0048 J	9.7	0.63	8.4	0.11	0.87 J	0.0059 J	12.4	0.015	0.016	5.7	5.1	0.015
SW6010B (MG/KG)																		
Arsenic	MG/KG	12	5.5	3.2	1.5	NA	2.6	1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	MG/KG	1400	400	300	750	NA	440	24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8082 (MG/KG)																		
Aroclor-1016	MG/KG	2.6	1.29	0.012 U	0.012 U	NA	0.012 U	0.012 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221	MG/KG	2.6	1.29	0.012 U	0.012 U	NA	0.012 U	0.012 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	MG/KG	2.6	1.29	0.00844 U	0.0086 U	NA	0.0087 U	0.0089 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	MG/KG	2.6	1.29	0.0058 U	0.006 U	NA	0.0061 U	0.0062 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	MG/KG	2.6	1.29	0.0074 U	0.0076 U	NA	0.0078 U	0.0078 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254	MG/KG	2.6	1.29	0.0059 U	0.0061 U	NA	0.0062 U	0.0063 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	MG/KG	2.6	1.29	0.39	0.054	NA	0.0062 U	0.0063 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1262	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

StationID				1			2		02A				02E			02N		
SampleID				HFSB-01-0-6	HFSB-01-6-24	HFSB-01-0204	HFSB-02-0-6	HFSB-02-6-24	HFSB02A-0.0-0.5ft	HFSB02A-0.5-2.0ft	HFSB02A-2.0-4.0ft	HFSB-02A-0406	HFSB02E-0.0-0.5ft	HFSB02E-0.5-2.0ft	HFSB02E-2.0-4.0ft	HFSB02N-0.0-0.5ft	HFSB02N-0.5-2.0ft	HFSB02N-2.0-4.0ft
Sample Date				4/1/2009	4/1/2009	12/15/2010	4/1/2009	4/1/2009	7/23/2009	7/24/2009	7/24/2009	12/15/2010	7/23/2009	7/24/2009	7/24/2009	7/23/2009	7/24/2009	7/24/2009
Parameter		**Units**	**SCTL**															
Benzo(a)anthracene		MG/KG		3.4	0.92	0.00049	13	0.71	1.4	0.0068	0.029 J	0.00042 J	2.72	0.00094	0.00045 U	0.92	0.76	0.000435 U
Benzo(a)pyrene		MG/KG		3.2	0.97	0.0078	13	0.78	17.2	0.15	1.6 J	0.009	26.5	0.02	0.02	11.6	9	0.0047 U
Benzo(b)fluoranthene		MG/KG		5.2	1.4	0.0012	18	1.2	1.4	0.016	0.16 J	0.0015	2.37	0.0021	0.002	0.92	0.75	0.0045
Benzo(k)fluoranthene		MG/KG		1.7	0.6	0.000056	5.8	0.34	0.07	0.00048	0.0067 J	0.00005 J	0.118	0.00008 J	0.000091	0.045	0.036	0.000041 U
Chrysene		MG/KG		3.7	1	0.0000054	13	0.75	0.0142	0.000091	0.00076 J	0.0000045	0.0272	0.000014	0.000011	0.0093	0.0081	0.0000041 U
Dibenz(a,h)anthracene		MG/KG		0.051 U	0.013 U	0.0035 U	0.067 U	0.013 U	1.7	0.021	0.15 J	0.0041 U	2.9	0.00415 U	0.0043 U	1.2	1.8	0.0041 U
Indeno(1,2,3-cd)pyrene		MG/KG		2.4	0.77	0.00048 J	9.7	0.63	0.84	0.011	0.087 J	0.00059 J	1.24	0.0015	0.0016	0.57	0.51	0.0015
Total BEQs				1.25	1.22	0.0135314	16.19	1.24	22.6242	0.205371	2.03346	0.0156645	35.8752	0.028784	0.028452	15.2643	12.8641	0.0152801
		Industrial Exposure Limit	0.7															
SCTL Industrial Failure?				YES	YES	NO	YES	YES	YES	NO	YES	NO	YES	NO	NO	YES	YES	NO
		Recreational Exposure Limit	0.35															
SCTL Recreational Failure?				YES	YES	NO	YES	YES	YES	NO	YES	NO	YES	NO	NO	YES	YES	NO

Notes:
NA Not analyzed
B The analyte was detected in the associated method and/or calibration blank.
J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
JB The analyte detected in the associated field, equipment, and/or trip blank.
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mg/kg Milligrams per Kilogram

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Values Bold and Pale Blue are hits exceeding the **SCTL [1 IND]**
Values Shaded Grey are hits that exceed the **SCTL [REC]**
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1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg
SCTL [1 IND] - Soil Cleanup Target Level Industrial.
SCTL REC - Soil Cleanup Target Level Recreational.
= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison
-- = Not Available at time of rule adoption/ limit does not apply

Shading with **"YES"** indicates **Total BaP** equivalent faliure.

TABLE A-1
Parcel K Soil Sampling

Location				02N2			02S			02W			3		
Sample ID				HFSB02N20.0-0.5	HFSB02N20.5-2.0	HFSB02N2-2.0-4.0	HFSB02S-0.0-0.5ft	HFSB02S0.5-2.0ft	HFSB02S-2.0-4.0ft	HFSB02W-0.0-0.5ft	HFSB02W-0.5-2.0ft	HFSB02W-2.0-4.0ft	HFSB-03-0-6	HFSB-03-6-24	HFSB-03-0204
Sample Depth (ft)				0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	2 - 4
Sample Date				7/24/2009	7/24/2009	7/24/2009	7/23/2009	7/24/2009	7/24/2009	7/23/2009	7/24/2009	7/24/2009	4/1/2009	4/1/2009	12/15/2010
Analyte	Units	SCTL [1IND]	SCTL [REC]												
PAH (MG/KG)															
Benzo(a)anthracene	MG/KG	#	#	0.39	0.014	0.004 J	4.7	0.0059 J	0.0084 J	4.3	0.0093 U	0.012	0.13	0.058	0.02
Benzo(a)pyrene	MG/KG	0.7	0.35	0.61	0.071	0.017	**5.1**	0.016	0.066	**6**	0.013	0.04	0.2	0.097	0.016
Benzo(b)fluoranthene	MG/KG	#	#	0.53	0.05	0.019	4.8	0.02	0.072	4.8	0.017	0.034	0.32	0.15	0.031
Benzo(k)fluoranthene	MG/KG	#	#	0.21	0.02	0.013	1.8	0.0059 J	0.021	2.3	0.0038 J	0.011	0.13	0.047	0.017
Chrysene	MG/KG	#	#	0.43	0.021	0.007 J	5.1	0.012	0.033	4.4	0.0087 J	0.02	0.2	0.077	0.022
Dibenz(a,h)anthracene	MG/KG	#	#	0.063	0.0082 U	0.0079 U	0.46	0.0086 U	0.0085 U	0.62	0.0088 U	0.0086 U	0.013 U	0.013 U	0.004 J
Indeno(1,2,3-cd)pyrene	MG/KG	#	#	0.32	0.046	0.012	2.3	0.011	0.04	3.2	0.01	0.029	0.16	0.08	0.0083
SW6010B (MG/KG)															
Arsenic	MG/KG	12	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4	0.52	NA
Lead	MG/KG	1400	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	**4,100**	1,200	NA
SW8082 (MG/KG)															
Aroclor-1016	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.11 U	0.058 U	0.028 U
Aroclor-1221	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.11 U	0.058 U	0.028 U
Aroclor-1232	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.082 U	0.042 U	0.056 U
Aroclor-1242	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.057 U	0.029 U	0.028 U
Aroclor-1248	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.073 U	0.037 U	0.03 U
Aroclor-1254	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.058 U	0.029 U	0.028 U
Aroclor-1260	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	**3.7**	0.27	0.1 B
Aroclor-1262	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

StationID				02N2			02S			02W			3		
SampleID				HFSB02N20.0-0.5	HFSB02N20.5-2.0	HFSB02N2-2.0-4.0	HFSB02S-0.0-0.5ft	HFSB02S0.5-2.0ft	HFSB02S-2.0-4.0ft	HFSB02W-0.0-0.5ft	HFSB02W-0.5-2.0ft	HFSB02W-2.0-4.0ft	HFSB-03-0-6	HFSB-03-6-24	HFSB-03-0204
Sample Date				7/24/2009	7/24/2009	7/24/2009	7/23/2009	7/24/2009	7/24/2009	7/23/2009	7/24/2009	7/24/2009	4/1/2009	4/1/2009	12/15/2010
Parameter		Units	SCTL												
Benzo(a)anthracene		MG/KG		0.039	0.0014	0.0004 J	0.47	0.00059 J	0.00084 J	0.43	0.000465 U	0.0012	0.13	0.058	0.002
Benzo(a)pyrene		MG/KG		0.61	0.071	0.017	5.1	0.016	0.066	6	0.013	0.04	0.2	0.097	0.016
Benzo(b)fluoranthene		MG/KG		0.053	0.005	0.0019	0.48	0.002	0.0072	0.48	0.0017	0.0034	0.32	0.15	0.0031
Benzo(k)fluoranthene		MG/KG		0.0021	0.0002	0.00013	0.018	0.000059 J	0.00021	0.023	0.000038 J	0.00011	0.13	0.047	0.00017
Chrysene		MG/KG		0.00043	0.000021	0.000007 J	0.0051	0.000012	0.000033	0.0044	0.0000087 J	0.00002	0.2	0.077	0.000022
Dibenz(a,h)anthracene		MG/KG		0.063	0.0041 U	0.00395 U	0.46	0.0043 U	0.00425 U	0.62	0.0044 U	0.0043 U	0.013 U	0.013 U	0.004 J
Indeno(1,2,3-cd)pyrene		MG/KG		0.032	0.0046	0.0012	0.23	0.0011	0.004	0.32	0.001	0.0029	0.16	0.08	0.00083
Total BEQs				0.79953	0.086321	0.024587	6.7631	0.024061	0.082533	7.8774	0.0206117	0.05193	0.33	1.12	0.026122
		Industrial Exposure Limit	0.7												
SCTL Industrial Failure?				YES	NO	NO	YES	NO	NO	YES	NO	NO	NO	YES	NO
		Recreational Exposure Limit	0.35												
SCTL Recreational Failure?				YES	NO	NO	YES	NO	NO	YES	NO	NO	NO	YES	NO

Notes:
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J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
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1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg
SCTL [1 IND] - Soil Cleanup Target Level Industrial.
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-- = Not Available at time of rule adoption/ limit does not apply

Shading with **"YES"** indicates **Total BaP** equivalent faliure.

TABLE A-1
Parcel K Soil Sampling

Location				03A				03E			03N			03S		
Sample ID				HFSB03A-0.0-0.5ft	HFSB-FD2	HFSB03A-0.5-2.0ft	HFSB03A-2.0-4.0ft	HFSB03E-0.0-0.5ft	HFSB03E-0.5-2.0ft	HFSB03E-2.0-4.0ft	HFSB03N-0.0ft-0.5ft	HFSB03N-0.5-2.0ft	HFSB03N-2.0-4.0ft	HFSB03S-0.0-0.5ft	HFSB03S-0.5-2.0ft	HFSB03S-2.0-4.0ft
Sample Depth (ft)				0 - 0.5	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 -2.0	2 - 4
Sample Date				7/23/2009	7/23/2009	7/24/2009	7/24/2009	7/23/2009	7/24/2009	7/24/2009	7/23/2009	7/24/2009	7/24/2009	7/23/2009	7/24/2009	7/24/2009
Analyte	**Units**	**SCTL [1IND]**	**SCTL [REC]**													
PAH (MG/KG)																
Benzo(a)anthracene	MG/KG	#	#	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	MG/KG	0.7	0.35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	MG/KG	#	#	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	MG/KG	#	#	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	MG/KG	#	#	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	MG/KG	#	#	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	MG/KG	#	#	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW6010B (MG/KG)																
Arsenic	MG/KG	12	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	MG/KG	1400	400	149 J	107	7.69	4.93	230	121	1.62 J	123	8.54	9.09 U	391	71	7.75
SW8082 (MG/KG)																
Aroclor-1016	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1262	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

StationID																
SampleID																
Sample Date																
Parameter		**Units**	**SCTL**													
Benzo(a)anthracene		MG/KG														
Benzo(a)pyrene		MG/KG														
Benzo(b)fluoranthene		MG/KG														
Benzo(k)fluoranthene		MG/KG														
Chrysene		MG/KG														
Dibenz(a,h)anthracene		MG/KG														
Indeno(1,2,3-cd)pyrene		MG/KG														
Total BEQs																
		Industrial Exposure Limit	0.7													
SCTL Industrial Failure?																
		Recreational Exposure Limit	0.35													
SCTL Recreational Failure?																

Notes:
NA Not analyzed
B The analyte was detected in the associated method and/or calibration blank.
J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
JB The analyte detected in the associated field, equipment, and/or trip blank.
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Values Bold and Pale Blue are hits exceeding the **SCTL [1 IND]**
Values Shaded Grey are hits that exceed the **SCTL [REC]**
Values Bold and Shaded Grey are hits that exceed both **SCTL [1 IND]** and **SCTL [REC]**

1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg
SCTL [1 IND] - Soil Cleanup Target Level Industrial.
SCTL REC - Soil Cleanup Target Level Recreational.
= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison
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TABLE A-1
Parcel K Soil Sampling

Location				03W			4		5			6		7	
Sample ID				HFSB03W-0.0-0.5ft	HFSB03W-0.5-2.0ft	HFSB03W-2.0-4.0ft	HFSB-04-0-6	HFSB-04-6-24	HFSB-05-0-6	HFSB-05-6-24	HFSB-05-0204	HFSB-06-0-6	HFSB-06-6-24	HFSB-07-0-6	HFSB-07-6-24
Sample Depth (ft)				0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	0 - 0.5	0.5 - 2
Sample Date				7/23/2009	7/24/2009	7/24/2009	4/1/2009	4/1/2009	4/1/2009	4/1/2009	12/15/2010	4/1/2009	4/1/2009	4/1/2009	4/1/2009
Analyte	**Units**	**SCTL [1IND]**	**SCTL [REC]**												
PAH (MG/KG)															
Benzo(a)anthracene	MG/KG	#	#	NA	NA	NA	0.64	0.25	0.76	0.82	0.015 J	0.8	0.097	1.3	0.1
Benzo(a)pyrene	MG/KG	0.7	0.35	NA	NA	NA	0.67	0.28	**0.84**	**0.79**	0.031 J	**0.84**	0.13	**1.3**	0.1
Benzo(b)fluoranthene	MG/KG	#	#	NA	NA	NA	1.2	0.43	1.3	1.2	0.04 J	1.4	0.2	1.9	0.17
Benzo(k)fluoranthene	MG/KG	#	#	NA	NA	NA	0.43	0.15	0.4	0.4	0.022 J	0.5	0.067	0.76	0.057
Chrysene	MG/KG	#	#	NA	NA	NA	0.74	0.26	0.86	0.8	0.014 J	0.86	0.12	1.5	0.14
Dibenz(a,h)anthracene	MG/KG	#	#	NA	NA	NA	0.013 U	0.013 U	0.012 U	0.013 U	0.011 J	0.012 U	0.013 U	0.013 U	0.013 U
Indeno(1,2,3-cd)pyrene	MG/KG	#	#	NA	NA	NA	0.53	0.23	0.55	0.56	0.02 J	0.62	0.12	0.92	0.083
SW6010B (MG/KG)															
Arsenic	MG/KG	12	5.5	NA	NA	NA	2	0.91	1.4	1.4	NA	2.6	1.4	1.6	0.77
Lead	MG/KG	1400	400	130	18.2	3.98 J	200	110	120	31	NA	120	110	110	7
SW8082 (MG/KG)															
Aroclor-1016	MG/KG	2.6	1.29	NA	NA	NA	0.059 U	0.024 U	0.056 U	0.059 U	0.028 U	0.11 U	0.011 U	1.8 U	0.30 U
Aroclor-1221	MG/KG	2.6	1.29	NA	NA	NA	0.059 U	0.024 U	0.056 U	0.059 U	0.028 U	0.11 U	0.011 U	1.8 U	0.30 U
Aroclor-1232	MG/KG	2.6	1.29	NA	NA	NA	0.042 U	0.017 U	0.040 U	0.042 U	0.056 U	0.081 U	0.0082 U	1.3 U	0.21 U
Aroclor-1242	MG/KG	2.6	1.29	NA	NA	NA	0.029 U	0.012 U	0.028 U	0.029 U	0.028 U	0.056 U	0.0057 U	0.89 U	0.15 U
Aroclor-1248	MG/KG	2.6	1.29	NA	NA	NA	0.038 U	0.015 U	0.035 U	0.037 U	0.031 U	0.072 U	0.0073 U	1.1 U	0.19 U
Aroclor-1254	MG/KG	2.6	1.29	NA	NA	NA	0.030 U	0.012 U	0.028 U	0.030 U	0.028 U	0.058 U	0.0058 U	0.91 U	0.15 U
Aroclor-1260	MG/KG	2.6	1.29	NA	NA	NA	1.7	0.17	1.1	1.5	0.12	2.8	0.17	**77**	**4.7**
Aroclor-1262	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

StationID							4		5			6		7	
SampleID							HFSB-04-0-6	HFSB-04-6-24	HFSB-05-0-6	HFSB-05-6-24	HFSB-05-0204	HFSB-06-0-6	HFSB-06-6-24	HFSB-07-0-6	HFSB-07-6-24
Sample Date							4/1/2009	4/1/2009	4/1/2009	4/1/2009	12/15/2010	4/1/2009	4/1/2009	4/1/2009	4/1/2009
Parameter		**Units**	**SCTL**												
Benzo(a)anthracene		MG/KG					0.64	0.25	0.76	0.82	0.0015 J	0.8	0.097	1.3	0.1
Benzo(a)pyrene		MG/KG					0.67	0.28	0.84	0.79	0.031 J	0.84	0.13	1.3	0.1
Benzo(b)fluoranthene		MG/KG					1.2	0.43	1.3	1.2	0.004 J	1.4	0.2	1.9	0.17
Benzo(k)fluoranthene		MG/KG					0.43	0.15	0.4	0.4	0.00022 J	0.5	0.067	0.76	0.057
Chrysene		MG/KG					0.74	0.26	0.86	0.8	0.000014 J	0.86	0.12	1.5	0.14
Dibenz(a,h)anthracene		MG/KG					0.013 U	0.013 U	0.012 U	0.013 U	0.011 J	0.012 U	0.013 U	0.013 U	0.013 U
Indeno(1,2,3-cd)pyrene		MG/KG					0.53	0.23	0.55	0.56	0.002 J	0.62	0.12	0.92	0.083
Total BEQs							0.93	0.37	1.07	1.06	0.049734	1.10	0.22	1.69	0.20
		Industrial Exposure Limit	0.7												
SCTL Industrial Failure?							YES	NO	YES	YES	NO	YES	NO	YES	NO
		Recreational Exposure Limit	0.35												
SCTL Recreational Failure?							YES	YES	YES	YES	NO	YES	NO	YES	NO

Notes:
NA Not analyzed
B The analyte was detected in the associated method and/or calibration blank.
J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
JB The analyte detected in the associated field, equipment, and/or trip blank.
U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ The analyte was below the reported sample quantitation limit. However, the reported value is approximate.
mg/kg Milligrams per Kilogram

Values Bolded are analytes not detected by the Lab but are above the **SCTL [1 IND]**
Values Shaded Pale Yellow are analytes not detected by the Lab but are above the **SCTL [REC]**
Values Bolded and Shaded Pale Yellow are analytes not detected by the Lab but are above both **SCTL [1 IND]** and **SCTL [REC]**
Values Bold and Pale Blue are hits exceeding the **SCTL [1 IND]**
Values Shaded Grey are hits that exceed the **SCTL [REC]**
Values Bold and Shaded Grey are hits that exceed both **SCTL [1 IND]** and **SCTL [REC]**

1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg
SCTL [1 IND] - Soil Cleanup Target Level Industrial.
SCTL REC - Soil Cleanup Target Level Recreational.
= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison
-- = Not Available at time of rule adoption/ limit does not apply

Shading with **"YES"** indicates **Total BaP** equivalent faliure.

TABLE A-1
Parcel K Soil Sampling

Location				07A					07E		07N		07S		07W		
Sample ID				HFSB07A-0.0-0.5ft	HFSBFD1-0.0-0.5ft	HFSB07A-0.5ft-2.0	HFSB-FD3	HFSB07A-2.0ft-4.0ft	HFSB07E-0.0-0.5ft	HFSB07E-0.5-2.0ft	HFSB07N-0.0-0.5ft	HFSB07N-0.5-2.0ft	HFSB07S-0.0-0.5ft	HFSB07S-0.5-2.0ft	HFSB07W-0.0-0.5ft	HFSB07W-0.5-2.0ft	HFSB07W-2.0-4.0ft
Sample Depth (ft)				0 - 0.5	0 - 0.5	0.5 - 2	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	0 - 0.5	0.5 - 2	0 - 0.5	0.5 - 2	0 - 0.5	0.5 - 2	2 - 4
Sample Date				7/23/2009	7/23/2009	7/24/2009	7/24/2009	7/24/2009	7/23/2009	7/24/2009	7/23/2009	7/24/2009	7/23/2009	7/24/2009	7/23/2009	7/24/2009	7/24/2009
Analyte	**Units**	**SCTL [1IND]**	**SCTL [REC]**														
PAH (MG/KG)																	
Benzo(a)anthracene	MG/KG	#	#	NA	10.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	MG/KG	0.7	0.35	NA	**11.8**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	MG/KG	#	#	NA	9.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	MG/KG	#	#	NA	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	MG/KG	#	#	NA	10.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	MG/KG	#	#	NA	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	MG/KG	#	#	NA	6.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW6010B (MG/KG)																	
Arsenic	MG/KG	12	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	MG/KG	1400	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8082 (MG/KG)																	
Aroclor-1016	MG/KG	2.6	1.29	0.026 U	NA	0.024 U	0.023 U	0.024 U	0.024 U	0.024 U	0.025 U	0.024 U	0.024 U	0.024 U	0.025 U	0.025 U	0.028 U
Aroclor-1221	MG/KG	2.6	1.29	0.026 U	NA	0.024 U	0.023 U	0.024 U	0.024 U	0.024 U	0.025 U	0.024 U	0.024 U	0.024 U	0.025 U	0.025 U	0.028 U
Aroclor-1232	MG/KG	2.6	1.29	0.051 U	NA	0.047 U	0.047 U	0.048 U	0.048 U	0.048 U	0.051 U	0.047 U	0.049 U	0.048 U	0.05 U	0.05 U	0.055 U
Aroclor-1242	MG/KG	2.6	1.29	0.026 U	NA	0.024 U	0.023 U	0.024 U	0.024 U	0.024 U	0.025 U	0.024 U	0.024 U	0.024 U	0.025 U	0.025 U	0.028 U
Aroclor-1248	MG/KG	2.6	1.29	0.028 U	NA	0.026 U	0.026 U	0.027 U	0.027 U	0.026 U	0.028 U	0.026 U	0.027 U	0.026 U	0.027 U	0.028 U	0.03 U
Aroclor-1254	MG/KG	2.6	1.29	0.026 U	NA	0.024 U	0.023 U	0.024 U	0.024 U	0.024 U	0.025 U	0.024 U	0.024 U	0.024 U	0.025 U	0.025 U	0.028 U
Aroclor-1260	MG/KG	2.6	1.29	**52**	NA	NA	**5.4**	0.024 U	**98**	0.5	**68**	0.49	**100**	0.1	**15**	1.1	0.081
Aroclor-1262	MG/KG	2.6	1.29	0.026 U	NA	NA	NA	NA	0.024 U	NA	0.025 U	NA	0.024 U	NA	0.025 U	NA	0.028 U
Aroclor-1268	MG/KG	2.6	1.29	0.026 U	NA	NA	NA	NA	0.024 U	NA	0.025 U	NA	0.024 U	NA	0.025 U	NA	0.028 U

StationID					07A												
SampleID					HFSBFD1-0.0-0.5ft												
Sample Date					7/23/2009												
Parameter		**Units**	**SCTL**														
Benzo(a)anthracene		MG/KG			1.01												
Benzo(a)pyrene		MG/KG			11.8												
Benzo(b)fluoranthene		MG/KG			0.94												
Benzo(k)fluoranthene		MG/KG			0.048												
Chrysene		MG/KG			0.0104												
Dibenz(a,h)anthracene		MG/KG			1.2												
Indeno(1,2,3-cd)pyrene		MG/KG			0.61												
Total BEQs					15.6184												
		Industrial Exposure Limit	0.7														
SCTL Industrial Failure?					YES												
		Recreational Exposure Limit	0.35														
SCTL Recreational Failure?					YES												

Notes:
NA Not analyzed
B The analyte was detected in the associated method and/or calibration blank.
J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
JB The analyte detected in the associated field, equipment, and/or trip blank.
U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ The analyte was below the reported sample quantitation limit. However, the reported value is approximate.
mg/kg Milligrams per Kilogram

Values Bolded are analytes not detected by the Lab but are above the **SCTL [1 IND]**
Values Shaded Pale Yellow are analytes not detected by the Lab but are above the **SCTL [REC]**
Values Bolded and Shaded Pale Yellow are analytes not detected by the Lab but are above both **SCTL [1 IND]** and **SCTL [REC]**
Values Bold and Pale Blue are hits exceeding the **SCTL [1 IND]**
Values Shaded Grey are hits that exceed the **SCTL [REC]**
Values Bold and Shaded Grey are hits that exceed both **SCTL [1 IND]** and **SCTL [REC]**

1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg
SCTL [1 IND] - Soil Cleanup Target Level Industrial.
SCTL REC - Soil Cleanup Target Level Recreational.
= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison
-- = Not Available at time of rule adoption/ limit does not apply

Shading with **"YES"** indicates **Total BaP** equivalent faliure.

TABLE A-1
Parcel K Soil Sampling

Location				9		09A			09E			09N		
Sample ID				HFSB-09-0-6	HFSB-09-6-24	HFSB09A-0.0-0.5ft	HFSB09A-0.5-2.0ft	HFSB09A-2.0-4.0ft	HFSB09E-0.0-0.5ft	HFSB09E-0.5-2.0ft-a	HFSB09E-2.0-4.0ft-b	HFSB09N-0.0-0.5ft	HFSB09N-0.5-2.0ft	HFSB09N-2.0-4.0ft
Sample Depth (ft)				0 - 0.5	0.5 - 2	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	2 - 4
Sample Date				4/1/2009	4/1/2009	7/23/2009	7/24/2009	7/24/2009	7/23/2009	7/24/2009	7/24/2009	7/23/2009	7/24/2009	7/24/2009
Analyte	**Units**	**SCTL ^{1IND}**	**SCTL ^{REC}**											
PAH (MG/KG)														
Benzo(a)anthracene	MG/KG	#	#	13	1.2	18.1	0.2	0.0092	10.3	0.1	0.0059 J	34.2	0.37 J	0.0052 J
Benzo(a)pyrene	MG/KG	0.7	0.35	**12**	**1.1**	**18.3**	0.23	0.012	**11.7**	0.15	0.019	**29.5**	0.56 J	0.0096
Benzo(b)fluoranthene	MG/KG	#	#	17	1.6	15.6	0.19	0.0093	9.5	0.12	0.019	26.8	0.49 J	0.012
Benzo(k)fluoranthene	MG/KG	#	#	5.2	0.46	8.6	0.075	0.0036 J	5	0.042	0.0054 J	14	0.22 J	0.0033 J
Chrysene	MG/KG	#	#	13	1.2	18.5	0.2	0.0025 J	10.6	0.12	0.012	34.1	0.63 J	0.0072 J
Dibenz(a,h)anthracene	MG/KG	#	#	0.065 U	0.013 U	2.1	0.024	0.0081 U	1.1	0.024	0.0081 U	3.4	0.042 U	0.0082 U
Indeno(1,2,3-cd)pyrene	MG/KG	#	#	8.2	0.82	9.6	0.13	0.009	5.5	0.084	0.016	13.9	0.19 J	0.0089
SW6010B (MG/KG)														
Arsenic	MG/KG	12	5.5	1.9	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	MG/KG	1400	400	94	28	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8082 (MG/KG)														
Aroclor-1016	MG/KG	2.6	1.29	0.012 U	0.012 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221	MG/KG	2.6	1.29	0.012 U	0.012 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	MG/KG	2.6	1.29	0.0084 U	0.0084 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	MG/KG	2.6	1.29	0.0059 U	0.0058 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	MG/KG	2.6	1.29	0.0075 U	0.0074 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254	MG/KG	2.6	1.29	0.006 U	0.0059 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	MG/KG	2.6	1.29	0.006 U	0.0059 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1262	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

StationID				9		09A			09E			09N		
SampleID				HFSB-09-0-6	HFSB-09-6-24	HFSB09A-0.0-0.5ft	HFSB09A-0.5-2.0ft	HFSB09A-2.0-4.0ft	HFSB09E-0.0-0.5ft	HFSB09E-0.5-2.0ft-a	HFSB09E-2.0-4.0ft-b	HFSB09N-0.0-0.5ft	HFSB09N-0.5-2.0ft	HFSB09N-2.0-4.0ft
Sample Date				4/1/2009	4/1/2009	7/23/2009	7/24/2009	7/24/2009	7/23/2009	7/24/2009	7/24/2009	7/23/2009	7/24/2009	7/24/2009
Parameter		**Units**	**SCTL**											
Benzo(a)anthracene		MG/KG		13	1.2	1.81	0.02	0.00092	1.03	0.01	0.00059 J	3.42	0.037 J	0.00052 J
Benzo(a)pyrene		MG/KG		12	1.1	18.3	0.23	0.012	11.7	0.15	0.019	29.5	0.56 J	0.0096
Benzo(b)fluoranthene		MG/KG		17	1.6	1.56	0.019	0.00093	0.95	0.012	0.0019	2.68	0.049 J	0.0012
Benzo(k)fluoranthene		MG/KG		5.2	0.46	0.086	0.00075	0.000036 J	0.05	0.00042	0.000054 J	0.14	0.0022 J	0.000033 J
Chrysene		MG/KG		13	1.2	0.0185	0.0002	0.0000025 J	0.0106	0.00012	0.000012	0.0341	0.00063 J	0.0000072 J
Dibenz(a,h)anthracene		MG/KG		0.065 U	0.013 U	2.1	0.024	0.00405 U	1.1	0.024	0.00405 U	3.4	0.021 U	0.0041 U
Indeno(1,2,3-cd)pyrene		MG/KG		8.2	0.82	0.96	0.013	0.0009	0.55	0.0084	0.0016	1.39	0.019 J	0.00089
Total BEQs				15.08	1.48	24.8345	0.30695	0.0188385	15.3906	0.20494	0.027206	40.5641	0.68883	0.0163502
		Industrial Exposure Limit	0.7											
SCTL Industrial Failure?				YES	YES	YES	NO	NO	YES	NO	NO	YES	NO	NO
		Recreational Exposure Limit	0.35											
SCTL Recreational Failure?				YES	YES	YES	NO	NO	YES	NO	NO	YES	YES	NO

Notes:
NA Not analyzed
B The analyte was detected in the associated method and/or calibration blank.
J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
JB The analyte detected in the associated field, equipment, and/or trip blank.
U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
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Values Bolded and Shaded Pale Yellow are analytes not detected by the Lab but are above both **SCTL $^{1 IND}$** and **SCTL ^{REC}**
Values Bold and Pale Blue are hits exceeding the **SCTL $^{1 IND}$**
Values Shaded Grey are hits that exceed the **SCTL ^{REC}**
Values Bold and Shaded Grey are hits that exceed both **SCTL $^{1 IND}$** and **SCTL ^{REC}**

1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg
SCTL $^{1 IND}$ - Soil Cleanup Target Level Industrial.
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= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison
-- = Not Available at time of rule adoption/ limit does not apply

Shading with **"YES"** indicates **Total BaP** equivalent faliure.

TABLE A-1
Parcel K Soil Sampling

Location				09S			09W			A2				B1			B1N	B1S
Sample ID				HFSB09S-0.0-0.5ft	HFSB09S-0.5-2.0ft	HFSB09S-2.0-4.0ft	HFSB09W-0.0-0.5ft	HFSB09W-0.5-2.0ft	HFSB09W-2.0-4.0ft	HFSB-A2-000.5	HFSB-10-FD	HFSB-A2-0.502	HFSB-A2-0204	HFSB-B1-000.5	HFSB-B1-0.502	HFSB-B1-0204	HFSB-B1N000.5	HFSB-B1S000.5
Sample Depth (ft)				0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0 - 0.5
Sample Date				7/23/2009	7/24/2009	7/24/2009	7/23/2009	7/24/2009	7/24/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	7/8/2010	7/8/2010
Analyte	**Units**	**SCTL [1IND]**	**SCTL [REC]**															
PAH (MG/KG)																		
Benzo(a)anthracene	MG/KG	#	#	7.9	0.02	0.0035 J	15.6	0.027	0.0065 J	6.8 J	11.6 J	0.14	0.038	12.9	0.038	0.0045	0.26	0.42
Benzo(a)pyrene	MG/KG	0.7	0.35	**9.3**	0.031	0.017	**16.4**	0.038	0.011	**6.7**	**8.4**	0.13	0.067	**12.8**	0.1	0.012	0.18	0.35
Benzo(b)fluoranthene	MG/KG	#	#	7.3	0.033	0.017	13.5	0.034	0.012	8 J	12.2 J	0.18	0.11	16.4	0.17	0.02	0.31	0.7
Benzo(k)fluoranthene	MG/KG	#	#	4	0.011	0.0046 J	7.2	0.015	0.0048 J	3.9	3.8	0.073	0.034	7.7	0.049 J	0.0063	0.11 J	0.19
Chrysene	MG/KG	#	#	8.1	0.03	0.0086	16.1	0.032	0.0087	7.8	7.3	0.098	0.055	13.6	0.043	0.0075	0.19	0.31
Dibenz(a,h)anthracene	MG/KG	#	#	0.98	0.0048 J	0.0031 J	1.8	0.0082	0.0077 U	1.1	1.1	0.029 J	0.013	2	0.028 J	0.0026 J	0.055	0.069 J
Indeno(1,2,3-cd)pyrene	MG/KG	#	#	4.7	0.024	0.014	8	0.027	0.01	2.9	2.7	0.073 J	0.045	6.8 J	0.064 J	0.0086	0.12 J	0.22
SW6010B (MG/KG)																		
Arsenic	MG/KG	12	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	MG/KG	1400	400	NA	NA	NA	NA	NA	NA	62	65.8	51.5	NA	142	18.1	NA	NA	NA
SW8082 (MG/KG)																		
Aroclor-1016	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	0.015 U	0.015 U	0.015 U	NA	0.014 U	0.015 U	NA	0.02 U	0.02 U
Aroclor-1221	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	0.015 U	0.015 U	0.015 U	NA	0.014 U	0.015 U	NA	0.02 U	0.02 U
Aroclor-1232	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	0.03 U	0.03 U	0.031 U	NA	0.029 U	0.03 U	NA	0.04 U	0.039 U
Aroclor-1242	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	0.015 U	0.015 U	0.015 U	NA	0.014 U	0.015 U	NA	0.02 U	0.02 U
Aroclor-1248	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	0.016 U	0.016 U	0.017 U	NA	0.016 U	0.016 U	NA	0.022 U	0.022 U
Aroclor-1254	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	0.015 U	0.015 U	0.015 U	NA	0.014 U	0.015 U	NA	0.02 U	0.02 U
Aroclor-1260	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	0.32 J	0.31 J	0.015 U	NA	**12**	0.015	NA	0.19	0.5
Aroclor-1262	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

StationID				09S			09W			A2				B1			B1N	B1S
SampleID				HFSB09S-0.0-0.5ft	HFSB09S-0.5-2.0ft	HFSB09S-2.0-4.0ft	HFSB09W-0.0-0.5ft	HFSB09W-0.5-2.0ft	HFSB09W-2.0-4.0ft	HFSB-A2-000.5	HFSB-10-FD	HFSB-A2-0.502	HFSB-A2-0204	HFSB-B1-000.5	HFSB-B1-0.502	HFSB-B1-0204	HFSB-B1N000.5	HFSB-B1S000.5
Sample Date				7/23/2009	7/24/2009	7/24/2009	7/23/2009	7/24/2009	7/24/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	7/8/2010	7/8/2010
Parameter		**Units**	**SCTL**															
Benzo(a)anthracene		MG/KG		0.79	0.002	0.00035 J	1.56	0.0027	0.00065 J	0.68 J	1.16 J	0.014	0.0038	1.29	0.0038	0.00045	0.026	0.042
Benzo(a)pyrene		MG/KG		9.3	0.031	0.017	16.4	0.038	0.011	6.7	8.4	0.13	0.067	12.8	0.1	0.012	0.18	0.35
Benzo(b)fluoranthene		MG/KG		0.73	0.0033	0.0017	1.35	0.0034	0.0012	0.8 J	1.22 J	0.018	0.011	1.64	0.017	0.002	0.031	0.07
Benzo(k)fluoranthene		MG/KG		0.04	0.00011	0.000046 J	0.072	0.00015	0.000048 J	0.039	0.038	0.00073	0.00034	0.077	0.00049 J	0.000063	0.0011 J	0.0019
Chrysene		MG/KG		0.0081	0.00003	0.0000086	0.0161	0.000032	0.0000087	0.0078	0.0073	0.000098	0.000055	0.0136	0.000043	0.0000075	0.00019	0.00031
Dibenz(a,h)anthracene		MG/KG		0.98	0.0048 J	0.0031 J	1.8	0.0082	0.00385 U	1.1	1.1	0.029 J	0.013	2	0.028 J	0.0026 J	0.055	0.069 J
Indeno(1,2,3-cd)pyrene		MG/KG		0.47	0.0024	0.0014	0.8	0.0027	0.001	0.29	0.27	0.0073 J	0.0045	0.68 J	0.0064 J	0.00086	0.012 J	0.022
Total BEQs				12.3181	0.04364	0.0236046	21.9981	0.055182	0.0177567	9.6168	12.1953	0.199128	0.099695	18.5006	0.155733	0.0179805	0.30529	0.55521
		Industrial Exposure Limit	0.7															
SCTL Industrial Failure?				YES	NO	NO	YES	NO	NO	YES	YES	NO	NO	YES	NO	NO	NO	NO
		Recreational Exposure Limit	0.35															
SCTL Recreational Failure?				YES	NO	NO	YES	NO	NO	YES	YES	NO	NO	YES	NO	NO	NO	YES

Notes:
NA Not analyzed
B The analyte was detected in the associated method and/or calibration blank.
J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
JB The analyte detected in the associated field, equipment, and/or trip blank.
U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ The analyte was below the reported sample quantitation limit. However, the reported value is approximate.
mg/kg Milligrams per Kilogram

Values Bolded are analytes not detected by the Lab but are above the **SCTL [1 IND]**
Values Shaded Pale Yellow are analytes not detected by the Lab but are above the **SCTL [REC]**
Values Bolded and Shaded Pale Yellow are analytes not detected by the Lab but are above both **SCTL [1 IND]** and **SCTL [REC]**
Values Bold and Pale Blue are hits exceeding the **SCTL [1 IND]**
Values Shaded Grey are hits that exceed the **SCTL [REC]**
Values Bold and Shaded Grey are hits that exceed both **SCTL [1 IND]** and **SCTL [REC]**

1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg
SCTL [1 IND] - Soil Cleanup Target Level Industrial.
SCTL REC - Soil Cleanup Target Level Recreational.
= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison
-- = Not Available at time of rule adoption/ limit does not apply

Shading with **"YES"** indicates **Total BaP** equivalent faliure.

TABLE A-1
Parcel K Soil Sampling

Location				B1W	B2			B2N		B3		C1				C2			C2N
Sample ID				HFSB-B1W0.502	HFSB-B2-000.5	HFSB-B2-0.502	HFSB-B2-0204	HFSB-B2N000.5	HFSB-FD7080610	HFSB-B3-000.5	HFSB-B3-0.502	HFSB-C1-000.5	HFSB-08-FD	HFSB-C1-0.502	HFSB-C1-0204	HFSB-C2-000.5	HFSB-C2-0.502	HFSB-C2-0204	HFSB-C2N000.5
Sample Depth (ft)				0.5 - 2	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0 - 0.5	0 - 0.5	0.5 - 2	0 - 0.5	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5
Sample Date				7/8/2010	11/5/2009	11/5/2009	11/5/2009	8/6/2010	8/6/2010	11/5/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	7/8/2010
Analyte	**Units**	**SCTL [1IND]**	**SCTL [REC]**																
PAH (MG/KG)																			
Benzo(a)anthracene	MG/KG	#	#	0.45	5.5	0.033 J	0.003 J	0.21 J	0.52 J	0.11	0.0051	0.048 J	0.03 J	0.059	0.011	7.3	0.087	0.0031 J	1.9
Benzo(a)pyrene	MG/KG	0.7	0.35	0.35	**3.6**	0.064	0.012	0.22 J	0.42 J	0.094	0.015	0.032 J	0.019 J	0.077	0.041	**4.5**	0.094	0.012	**1.1**
Benzo(b)fluoranthene	MG/KG	#	#	0.61	5.3	0.1	0.022	0.29 J	0.66 J	0.16	0.026	0.056 J	0.034 J	0.13	0.093	7.5	0.15	0.021	2.2
Benzo(k)fluoranthene	MG/KG	#	#	0.19	1.8	0.032 J	0.007	0.17 J	0.39 J	0.049 J	0.0077	0.014 J	0.0099 J	0.04	0.024	2.2	0.054 J	0.0068	0.7
Chrysene	MG/KG	#	#	0.3	3.4	0.032 J	0.0063	0.28 J	0.52 J	0.076	0.0054	0.036 J	0.024 J	0.044	0.023	4.2	0.088	0.0074	1.3
Dibenz(a,h)anthracene	MG/KG	#	#	0.063 J	0.32	0.023 J	0.0029 J	0.042 J	0.073 J	0.068 U	0.0043 J	0.031 UJ	0.017 UJ	0.018 J	0.011	0.78	0.026 J	0.0026 J	0.18 J
Indeno(1,2,3-cd)pyrene	MG/KG	#	#	0.21	1.4	0.058 J	0.0094	0.16 J	0.3 J	0.054 J	0.0092	0.019 J	0.011 J	0.042 J	0.042	2.2	0.066 J	0.0092	0.63 J
SW6010B (MG/KG)																			
Arsenic	MG/KG	12	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	MG/KG	1400	400	NA	98.1	32.1	NA	NA	NA	84	7.86 J	34.1	31.9	26.6	NA	146	26.5	NA	NA
SW8082 (MG/KG)																			
Aroclor-1016	MG/KG	2.6	1.29	NA	0.014 U	0.014 U	NA	0.027 U	0.027 U	0.015 U	0.014 U	0.014 U	0.015 U	0.016 U	NA	0.014 U	0.015 U	NA	1.9 U
Aroclor-1221	MG/KG	2.6	1.29	NA	0.014 U	0.014 U	NA	0.027 U	0.027 U	0.015 U	0.014 U	0.014 U	0.015 U	0.016 U	NA	0.014 U	0.015 U	NA	1.9 U
Aroclor-1232	MG/KG	2.6	1.29	NA	0.029 U	0.029 U	NA	0.055 U	0.055 U	0.03 U	0.029 U	0.029 U	0.029 U	0.032 U	NA	0.029 U	0.03 U	NA	**3.8 U**
Aroclor-1242	MG/KG	2.6	1.29	NA	0.014 U	0.014 U	NA	0.027 U	0.027 U	0.015 U	0.014 U	0.014 U	0.015 U	0.016 U	NA	0.014 U	0.015 U	NA	1.9 U
Aroclor-1248	MG/KG	2.6	1.29	NA	0.016 U	0.016 U	NA	0.03 U	0.03 U	0.016 U	0.016 U	0.016 U	0.016 U	0.018 U	NA	0.016 U	0.016 U	NA	2.1 U
Aroclor-1254	MG/KG	2.6	1.29	NA	0.014 U	0.014 U	NA	0.027 U	0.027 U	0.015 U	0.014 U	0.014 U	0.015 U	0.016 U	NA	0.014 U	0.015 U	NA	1.9 U
Aroclor-1260	MG/KG	2.6	1.29	NA	1.3 J	0.041	NA	0.48	0.64	0.11	0.014 U	1.4	1.5	0.016 U	NA	**41**	0.45	NA	**29**
Aroclor-1262	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

StationID				B1W	B2			B2N		B3		C1				C2			C2N
SampleID				HFSB-B1W0.502	HFSB-B2-000.5	HFSB-B2-0.502	HFSB-B2-0204	HFSB-B2N000.5	HFSB-FD7080610	HFSB-B3-000.5	HFSB-B3-0.502	HFSB-C1-000.5	HFSB-08-FD	HFSB-C1-0.502	HFSB-C1-0204	HFSB-C2-000.5	HFSB-C2-0.502	HFSB-C2-0204	HFSB-C2N000.5
Sample Date				7/8/2010	11/5/2009	11/5/2009	11/5/2009	8/6/2010	8/6/2010	11/5/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	7/8/2010
Parameter		**Units**	**SCTL**																
Benzo(a)anthracene		MG/KG		0.045	0.55	0.0033 J	0.0003 J	0.021 J	0.052 J	0.011	0.00051	0.0048 J	0.003 J	0.0059	0.0011	0.73	0.0087	0.00031 J	0.19
Benzo(a)pyrene		MG/KG		0.35	3.6	0.064	0.012	0.22 J	0.42 J	0.094	0.015	0.032 J	0.019 J	0.077	0.041	4.5	0.094	0.012	1.1
Benzo(b)fluoranthene		MG/KG		0.061	0.53	0.01	0.0022	0.029 J	0.066 J	0.016	0.0026	0.0056 J	0.0034 J	0.013	0.0093	0.75	0.015	0.0021	0.22
Benzo(k)fluoranthene		MG/KG		0.0019	0.018	0.00032 J	0.00007	0.0017 J	0.0039 J	0.00049 J	0.000077	0.00014 J	0.000099 J	0.0004	0.00024	0.022	0.00054 J	0.000068	0.007
Chrysene		MG/KG		0.0003	0.0034	0.000032 J	0.0000063	0.00028 J	0.00052 J	0.000076	0.0000054	0.000036 J	0.000024 J	0.000044	0.000023	0.0042	0.000088	0.0000074	0.0013
Dibenz(a,h)anthracene		MG/KG		0.063 J	0.32	0.023 J	0.0029 J	0.042 J	0.073 J	0.034 U	0.0043 J	0.0155 UJ	0.0085 UJ	0.018 J	0.011	0.78	0.026 J	0.0026 J	0.18 J
Indeno(1,2,3-cd)pyrene		MG/KG		0.021	0.14	0.0058 J	0.00094	0.016 J	0.03 J	0.0054 J	0.00092	0.0019 J	0.0011 J	0.0042 J	0.0042	0.22	0.0066 J	0.00092	0.063 J
Total BEQs				0.5422	5.1614	0.106452	0.0184163	0.32998	0.64542	0.160966	0.0234124	0.059976	0.035123	0.118544	0.066863	7.0062	0.150928	0.0180054	1.7613
		Industrial Exposure Limit	0.7																
SCTL Industrial Failure?				NO	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	NO	NO	YES
		Recreational Exposure Limit	0.35																
SCTL Recreational Failure?				YES	YES	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	YES	NO	NO	YES

Notes:
NA Not analyzed
B The analyte was detected in the associated method and/or calibration blank.
J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
JB The analyte detected in the associated field, equipment, and/or trip blank.
U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ The analyte was below the reported sample quantitation limit. However, the reported value is approximate.
mg/kg Milligrams per Kilogram

Values Bolded are analytes not detected by the Lab but are above the **SCTL [1 IND]**
Values Shaded Pale Yellow are analytes not detected by the Lab but are above the **SCTL [REC]**
Values Bolded and Shaded Pale Yellow are analytes not detected by the Lab but are above both **SCTL [1 IND]** and **SCTL [REC]**
Values Bold and Pale Blue are hits exceeding the **SCTL [1 IND]**
Values Shaded Grey are hits that exceed the **SCTL [REC]**
Values Bold and Shaded Grey are hits that exceed both **SCTL [1 IND]** and **SCTL [REC]**

1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg
SCTL [1 IND] - Soil Cleanup Target Level Industrial.
SCTL REC - Soil Cleanup Target Level Recreational.
= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison
-- = Not Available at time of rule adoption/ limit does not apply

Shading with **"YES"** indicates **Total BaP** equivalent faliure.

TABLE A-1
Parcel K Soil Sampling

Location				C2S			1C2	C3			C3W	C4		D1		D1W
Sample ID				HFSB-C2S000.5	HFSB-FD2070810	HFSB-FD370810	HFSB-1C2000_5	HFSB-C3-000.5	HFSB-C3-0.502	HFSB-09-FD	HFSB-C3W000.5	HFSB-C4-000.5	HFSB-C4-0.502	HFSB-D1-000.5	HFSB-D1-0.502	HFSB-D1W000.5
Sample Depth (ft)				0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0.5 - 2	0.5 - 2	0 - 0.5	0 - 0.5	0.5 - 2	0 - 0.5	0.5 - 2	0 - 0.5
Sample Date				7/8/2010	7/8/2010	7/8/2010	7/8/2010	11/5/2009	11/5/2009	11/5/2009	7/8/2010	11/5/2009	11/5/2009	11/5/2009	11/5/2009	7/8/2010
Analyte	**Units**	**SCTL [1IND]**	**SCTL [REC]**													
PAH (MG/KG)																
Benzo(a)anthracene	MG/KG	#	#	0.41 J	0.28 J	0.098	0.088	2.3	0.01 J	0.03 J	1.6	2.5	0.013	0.43 U	0.0041	0.057
Benzo(a)pyrene	MG/KG	0.7	0.35	**0.76 J**	0.39 J	0.14	0.095	**2.3**	0.015 J	0.037 J	**1.7**	**1.9**	0.024	0.55 U	0.022	0.051
Benzo(b)fluoranthene	MG/KG	#	#	1.3 J	0.78 J	0.3	0.22	3.5	0.024 J	0.061 J	3.6	3.2	0.043	0.58 U	0.039	0.078
Benzo(k)fluoranthene	MG/KG	#	#	0.42 J	0.3 J	0.13	0.066 J	1.5	0.0096 J	0.025 J	1.3	0.94	0.012	0.64 U	0.014	0.025
Chrysene	MG/KG	#	#	0.47 J	0.32 J	0.13	0.14	2.1	0.0093 J	0.029 J	1.4	1.7	0.012	0.4 U	0.004	0.057
Dibenz(a,h)anthracene	MG/KG	#	#	0.12 J	0.082 J	0.08 U	0.085 U	0.42 J	0.0037 J	0.064 U	0.25	0.2	0.0048 J	0.8 U	0.0049 J	0.012
Indeno(1,2,3-cd)pyrene	MG/KG	#	#	0.4 J	0.27 J	0.074 J	0.055 J	1.4	0.012 J	0.035 J	1.4	0.81	0.012	0.92 U	0.012	0.029
SW6010B (MG/KG)																
Arsenic	MG/KG	12	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	MG/KG	1400	400	NA	NA	NA	NA	141	5.75 J	8.74 J	NA	192	5.94	64.7	16.2	NA
SW8082 (MG/KG)																
Aroclor-1016	MG/KG	2.6	1.29	2 U	1 U	NA	NA	0.015 U	0.015 U	0.014 U	1.9 U	0.015 U	0.015 U	0.015 U	0.015 U	0.098 U
Aroclor-1221	MG/KG	2.6	1.29	2 U	1 U	NA	NA	0.015 U	0.015 U	0.014 U	1.9 U	0.015 U	0.015 U	0.015 U	0.015 U	0.098 U
Aroclor-1232	MG/KG	2.6	1.29	**4 U**	2 U	NA	0.033 U	0.03 U	0.03 U	0.028 U	**3.9 U**	0.03 U	0.03 U	0.03 U	0.03 U	0.2 U
Aroclor-1242	MG/KG	2.6	1.29	2 U	1 U	NA	0.033 U	0.015 U	0.015 U	0.014 U	1.9 U	0.015 U	0.015 U	0.015 U	0.015 U	0.098 U
Aroclor-1248	MG/KG	2.6	1.29	2.2 U	1.1 U	NA	0.066 U	0.016 U	0.017 U	0.016 U	2.1 U	0.016 U	0.017 U	0.016 U	0.016 U	0.11 U
Aroclor-1254	MG/KG	2.6	1.29	2 U	1 U	NA	0.033 U	0.015 U	0.015 U	0.014 U	1.9 U	0.015 U	0.015 U	0.015 U	0.015 U	0.098 U
Aroclor-1260	MG/KG	2.6	1.29	**24 J**	**15 J**	NA	0.036 U	**15**	0.12 J	0.89 J	**23**	**24**	0.14	**15**	0.015 U	2.3
Aroclor-1262	MG/KG	2.6	1.29	NA	NA	NA	0.033 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	MG/KG	2.6	1.29	NA	NA	NA	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA

StationID				C2S			1C2	C3			C3W	C4		D1		D1W
SampleID				HFSB-C2S000.5	HFSB-FD2070810	HFSB-FD370810	HFSB-1C2000_5	HFSB-C3-000.5	HFSB-C3-0.502	HFSB-09-FD	HFSB-C3W000.5	HFSB-C4-000.5	HFSB-C4-0.502	HFSB-D1-000.5	HFSB-D1-0.502	HFSB-D1W000.5
Sample Date				7/8/2010	7/8/2010	7/8/2010	7/8/2010	11/5/2009	11/5/2009	11/5/2009	7/8/2010	11/5/2009	11/5/2009	11/5/2009	11/5/2009	7/8/2010
Parameter		**Units**	**SCTL**													
Benzo(a)anthracene		MG/KG		0.041 J	0.028 J	0.0098	0.0088	0.23	0.001 J	0.003 J	0.16	0.25	0.0013	0.0215 U	0.00041	0.0057
Benzo(a)pyrene		MG/KG		0.76 J	0.39 J	0.14	0.095	2.3	0.015 J	0.037 J	1.7	1.9	0.024	0.275 U	0.022	0.051
Benzo(b)fluoranthene		MG/KG		0.13 J	0.078 J	0.03	0.022	0.35	0.0024 J	0.0061 J	0.36	0.32	0.0043	0.029 U	0.0039	0.0078
Benzo(k)fluoranthene		MG/KG		0.0042 J	0.003 J	0.0013	0.00066 J	0.015	0.000096 J	0.00025 J	0.013	0.0094	0.00012	0.0032 U	0.00014	0.00025
Chrysene		MG/KG		0.00047 J	0.00032 J	0.00013	0.00014	0.0021	0.0000093 J	0.000029 J	0.0014	0.0017	0.000012	0.0002 U	0.000004	0.000057
Dibenz(a,h)anthracene		MG/KG		0.12 J	0.082 J	0.04 U	0.0425 U	0.42 J	0.0037 J	0.032 U	0.25	0.2	0.0048 J	0.4 U	0.0049 J	0.012
Indeno(1,2,3-cd)pyrene		MG/KG		0.04 J	0.027 J	0.0074 J	0.0055 J	0.14	0.0012 J	0.0035 J	0.14	0.081	0.0012	0.046 U	0.0012	0.0029
Total BEQs				1.09567	0.60832	0.22863	0.1746	3.4571	0.0234053	0.081879	2.6244	2.7621	0.035732	0.7749	0.032554	0.079707
		Industrial Exposure Limit	0.7													
SCTL Industrial Failure?				YES	NO	NO	NO	YES	NO	NO	YES	YES	NO	YES	NO	NO
		Recreational Exposure Limit	0.35													
SCTL Recreational Failure?				YES	YES	NO	NO	YES	NO	NO	YES	YES	NO	YES	NO	NO

Notes:
NA Not analyzed
B The analyte was detected in the associated method and/or calibration blank.
J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
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mg/kg Milligrams per Kilogram

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1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg
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Shading with **"YES"** indicates **Total BaP** equivalent faliure.

TABLE A-1
Parcel K Soil Sampling

Location				D2W				D3			D4		D4N	E1			E1E
Sample ID				HFSB-D2W000.5	HFSB-D2W-0.502	HFSB-D2W-0204	HFSB-D2W-0406	HFSB-D3-000.5	HFSB-D3-0.502	HFSB-D3-0204	HFSB-D4-000.5	HFSB-D4-0.502	HFSB-D4N000.5	HFSB-E1-000.5	HFSB-E1-0.502	HFSB-E1-0204	HFSB-E1E000.5
Sample Depth (ft)				0 - 0.5	0.5 - 2	2 - 4	4 - 6	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	0 - 0.5	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5
Sample Date				7/8/2010	12/16/2010	12/16/2010	12/16/2010	11/5/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	7/8/2010	11/4/2009	11/4/2009	11/4/2009	7/8/2010
Analyte	**Units**	**SCTL [1IND]**	**SCTL [REC]**														
PAH (MG/KG)																	
Benzo(a)anthracene	MG/KG	#	#	0.034 J	NA	NA	NA	13.5	0.03	0.037	1.3	0.0086 J	1	0.17 J	0.014 J	NA	0.094
Benzo(a)pyrene	MG/KG	0.7	0.35	0.05 J	NA	NA	NA	**12.1**	0.037	0.08	**1.1**	0.022 J	**0.81**	0.21 J	0.035	NA	0.064
Benzo(b)fluoranthene	MG/KG	#	#	0.097	NA	NA	NA	18.4	0.072	0.12	1.7	0.031	1.3	0.3 J	0.05	NA	0.13
Benzo(k)fluoranthene	MG/KG	#	#	0.032 J	NA	NA	NA	8	0.023	0.044	0.7	0.015 J	0.46	0.55 U	0.018 J	NA	0.051
Chrysene	MG/KG	#	#	0.05	NA	NA	NA	15.2	0.04	0.064	1.1	0.013 J	0.94	0.15 J	0.017	NA	0.073
Dibenz(a,h)anthracene	MG/KG	#	#	0.085 U	NA	NA	NA	2.5	0.0086	0.015	0.26 J	0.034 U	0.1	0.68 U	0.017 J	NA	0.017
Indeno(1,2,3-cd)pyrene	MG/KG	#	#	0.034 J	NA	NA	NA	7.1 J	0.042	0.041	0.96	0.039 U	0.32	0.38 J	0.061	NA	0.045
SW6010B (MG/KG)																	
Arsenic	MG/KG	12	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	MG/KG	1400	400	NA	NA	NA	NA	158	14.6	NA	98	10.8	NA	89.4	4.01	NA	NA
SW8082 (MG/KG)																	
Aroclor-1016	MG/KG	2.6	1.29	**10 U**	**28 U**	**55 U**	0.037 U	1.5 U	0.015 U	NA	0.015 U	0.015 U	0.2 U	2.5 U	0.025 U	0.024 U	2 U
Aroclor-1221	MG/KG	2.6	1.29	**10 U**	**28 U**	**55 U**	0.037 U	1.5 U	0.015 U	NA	0.015 U	0.015 U	0.2 U	2.5 U	0.025 U	0.024 U	2 U
Aroclor-1232	MG/KG	2.6	1.29	**20 U**	**57 U**	**110 U**	0.074 U	**3 U**	0.029 U	NA	0.03 U	0.029 U	0.39 U	**4.9 U**	0.051 U	0.048 U	**4 U**
Aroclor-1242	MG/KG	2.6	1.29	**10 U**	**28 U**	**55 U**	0.037 U	1.5 U	0.015 U	NA	0.015 U	0.015 U	0.2 U	2.5 U	0.025 U	0.024 U	2 U
Aroclor-1248	MG/KG	2.6	1.29	**11 U**	**31 U**	**60 U**	0.04 U	1.6 U	0.016 U	NA	0.016 U	0.016 U	0.22 U	**2.7 U**	0.028 U	0.027 U	2.2 U
Aroclor-1254	MG/KG	2.6	1.29	**10 U**	**28 U**	**55 U**	0.037 U	1.5 U	0.015 U	NA	0.015 U	0.015 U	0.2 U	2.5 U	0.025 U	0.024 U	2 U
Aroclor-1260	MG/KG	2.6	1.29	**62**	**37000 B**	**2000**	2.3	**170**	0.38	NA	**16**	0.082 J	**3.8**	**370**	0.76	0.0092 B	**27**
Aroclor-1262	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

StationID				D2W				D3			D4		D4N	E1			E1E
SampleID				HFSB-D2W000.5				HFSB-D3-000.5	HFSB-D3-0.502	HFSB-D3-0204	HFSB-D4-000.5	HFSB-D4-0.502	HFSB-D4N000.5	HFSB-E1-000.5	HFSB-E1-0.502		HFSB-E1E000.5
Sample Date				7/8/2010				11/5/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	7/8/2010	11/4/2009	11/4/2009		7/8/2010
Parameter		**Units**	**SCTL**														
Benzo(a)anthracene		MG/KG		0.0034 J				1.35	0.003	0.0037	0.13	0.00086 J	0.1	0.017 J	0.0014 J		0.0094
Benzo(a)pyrene		MG/KG		0.05 J				12.1	0.037	0.08	1.1	0.022 J	0.81	0.21 J	0.035		0.064
Benzo(b)fluoranthene		MG/KG		0.0097				1.84	0.0072	0.012	0.17	0.0031	0.13	0.03 J	0.005		0.013
Benzo(k)fluoranthene		MG/KG		0.00032 J				0.08	0.00023	0.00044	0.007	0.00015 J	0.0046	0.00275 U	0.00018 J		0.00051
Chrysene		MG/KG		0.00005				0.0152	0.00004	0.000064	0.0011	0.000013 J	0.00094	0.00015 J	0.000017		0.000073
Dibenz(a,h)anthracene		MG/KG		0.0425 U				2.5	0.0086	0.015	0.26 J	0.017 U	0.1	0.34 U	0.017 J		0.017
Indeno(1,2,3-cd)pyrene		MG/KG		0.0034 J				0.71 J	0.0042	0.0041	0.096	0.00195 U	0.032	0.038 J	0.0061		0.0045
Total BEQs				0.10937				18.5952	0.06027	0.115304	1.7641	0.045073	1.17754	0.6379	0.064697		0.108483
		Industrial Exposure Limit	0.7														
SCTL Industrial Failure?				NO				YES	NO	NO	YES	NO	YES	NO	NO		NO
		Recreational Exposure Limit	0.35														
SCTL Recreational Failure?				NO				YES	NO	NO	YES	NO	YES	YES	NO		NO

Notes:
NA Not analyzed
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TABLE A-1
Parcel K Soil Sampling

Location				E2				E2E				E3		E4			E4E	E4N	E4S
Sample ID				HFSB-E2-000.5	HFSB-06-000.5-FD	HFSB-E2-0.502	HFSB-E2-0204	HFSB-E2E000.5	HFSB-E2E-0.502	JM22-FD8-121610	HFSB-E2E-0204	HFSB-E3-000.5	HFSB-E3-0.502	HFSB-E4-000.5	HFSB-E4-0.502	HFSB-E4-0204	HFSB-E4E0.502	HFSB-E4N0.502	HFSB-E4S0.502
Sample Depth (ft)				0 - 0.5	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	0 - 0.5	0.5 - 2	2 - 4	0.5 - 2	0.5 - 2	0.5 - 2
Sample Date				11/4/2009	11/4/2009	11/4/2009	11/4/2009	7/8/2010	12/16/2010	12/16/2010	12/16/2010	11/5/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	7/8/2010	7/8/2010	7/8/2010
Analyte	**Units**	**SCTL [1IND]**	**SCTL [REC]**																
PAH (MG/KG)																			
Benzo(a)anthracene	MG/KG	#	#	0.48	0.37	0.0018 J	NA	1.2	1.6	0.022 J	0.0035 J	3.2	0.015	5.1	2	0.038	0.13	0.055	0.091
Benzo(a)pyrene	MG/KG	0.7	0.35	0.47	0.35	0.0045 J	NA	**0.93**	**1.2**	0.042	0.021	**2.3**	0.038	**3.7**	**1.4**	0.036	0.14	0.085	0.12
Benzo(b)fluoranthene	MG/KG	#	#	0.6	0.45	0.0059	NA	1.6	1.6	0.064	0.029	3.8	0.064	5.5	2.2	0.055	0.26	0.18	0.3
Benzo(k)fluoranthene	MG/KG	#	#	0.24 J	0.17 J	0.0021 J	NA	0.54 J	0.8	0.028	0.013	1.5	0.023	2.6	0.86	0.018	0.1	0.056 J	0.12
Chrysene	MG/KG	#	#	0.45	0.34	0.0018 J	NA	0.88	1	0.024	0.0044	2.5	0.02	4.4	1.5	0.028	0.11	0.076	0.11
Dibenz(a,h)anthracene	MG/KG	#	#	0.16 J	0.12 J	0.0069 U	NA	0.25	0.18	0.012	0.0058 J	0.47 J	0.01	0.61 J	0.35 J	0.0082	0.035 J	0.081 U	0.082 U
Indeno(1,2,3-cd)pyrene	MG/KG	#	#	0.58	0.43	0.0072 J	NA	0.87 J	0.55 J	0.033	0.015	1.9	0.026	2.7	1.6	0.026	0.11	0.04 J	0.069 J
SW6010B (MG/KG)																			
Arsenic	MG/KG	12	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	MG/KG	1400	400	32 J	49.2 J	4.9 U	NA	207	NA	NA	NA	152	7.24	131 J	69.7	NA	NA	NA	NA
SW8082 (MG/KG)																			
Aroclor-1016	MG/KG	2.6	1.29	0.024 U	0.024 U	0.025 U	0.027 U	**4.1 U**	0.026 U	0.026 U	0.028 U	0.015 U	0.015 U	0.014 U	0.014 U	NA	NA	NA	NA
Aroclor-1221	MG/KG	2.6	1.29	0.024 U	0.024 U	0.025 U	0.027 U	**4.1 U**	0.026 U	0.026 U	0.028 U	0.015 U	0.015 U	0.014 U	0.014 U	NA	NA	NA	NA
Aroclor-1232	MG/KG	2.6	1.29	0.048 U	0.049 U	0.049 U	0.053 U	**8.3 U**	0.051 U	0.051 U	0.056 U	0.03 U	0.03 U	0.028 U	0.028 U	NA	NA	NA	NA
Aroclor-1242	MG/KG	2.6	1.29	0.024 U	0.024 U	0.025 U	0.027 U	**4.1 U**	0.026 U	0.026 U	0.028 U	0.015 U	0.015 U	0.014 U	0.014 U	NA	NA	NA	NA
Aroclor-1248	MG/KG	2.6	1.29	0.027 U	0.027 U	0.027 U	0.029 U	**4.6 U**	0.028 U	0.028 U	0.031 U	0.016 U	0.016 U	0.016 U	0.016 U	NA	NA	NA	NA
Aroclor-1254	MG/KG	2.6	1.29	0.024 U	0.024 U	0.025 U	0.027 U	**4.1 U**	0.026 U	0.026 U	0.028 U	0.015 U	0.015 U	0.014 U	0.014 U	NA	NA	NA	NA
Aroclor-1260	MG/KG	2.6	1.29	**80 J**	**93 J**	0.88	0.22 B	**110**	1.8 B	0.53 J	0.049	**13**	0.053	0.49	0.36 J	NA	NA	NA	NA
Aroclor-1262	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

StationID				E2				E2E				E3		E4			E4E	E4N	E4S
SampleID				HFSB-E2-000.5	HFSB-06-000.5-FD	HFSB-E2-0.502		HFSB-E2E000.5	HFSB-E2E-0_502	JM22-FD8-121610	HFSB-E2E-0204	HFSB-E3-000.5	HFSB-E3-0.502	HFSB-E4-000.5	HFSB-E4-0.502	HFSB-E4-0204	HFSB-E4E0.502	HFSB-E4N0.502	HFSB-E4S0.502
Sample Date				11/4/2009	11/4/2009	11/4/2009		7/8/2010	12/16/2010	12/16/2010	12/16/2010	11/5/2009	11/5/2009	11/5/2009	11/5/2009	11/5/2009	7/8/2010	7/8/2010	7/8/2010
Parameter		**Units**	**SCTL**																
Benzo(a)anthracene		MG/KG		0.048	0.037	0.00018 J		0.12	0.16	0.0022 J	0.00035 J	0.32	0.0015	0.51	0.2	0.0038	0.013	0.0055	0.0091
Benzo(a)pyrene		MG/KG		0.47	0.35	0.0045 J		0.93	1.2	0.042	0.021	2.3	0.038	3.7	1.4	0.036	0.14	0.085	0.12
Benzo(b)fluoranthene		MG/KG		0.06	0.045	0.00059		0.16	0.16	0.0064	0.0029	0.38	0.0064	0.55	0.22	0.0055	0.026	0.018	0.03
Benzo(k)fluoranthene		MG/KG		0.0024 J	0.0017 J	0.000021 J		0.0054 J	0.008	0.00028	0.00013	0.015	0.00023	0.026	0.0086	0.00018	0.001	0.00056 J	0.0012
Chrysene		MG/KG		0.00045	0.00034	0.0000018 J		0.00088	0.001	0.000024	0.0000044	0.0025	0.00002	0.0044	0.0015	0.000028	0.00011	0.000076	0.00011
Dibenz(a,h)anthracene		MG/KG		0.16 J	0.12 J	0.00345 U		0.25	0.18	0.012	0.0058 J	0.47 J	0.01	0.61 J	0.35 J	0.0082	0.035 J	0.0405 U	0.041 U
Indeno(1,2,3-cd)pyrene		MG/KG		0.058	0.043	0.00072 J		0.087 J	0.055 J	0.0033	0.0015	0.19	0.0026	0.27	0.16	0.0026	0.011	0.004 J	0.0069 J
Total BEQs				0.79885	0.59704	0.0094628		1.55328	1.764	0.066204	0.0316844	3.6775	0.05875	5.6704	2.3401	0.056308	0.22611	0.153636	0.20831
		Industrial Exposure Limit	0.7																
SCTL Industrial Failure?				YES	NO	NO		YES	YES	NO	NO	YES	NO	YES	YES	NO	NO	NO	NO
		Recreational Exposure Limit	0.35																
SCTL Recreational Failure?				YES	YES	NO		YES	YES	NO	NO	YES	NO	YES	YES	NO	NO	NO	NO

Notes:
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Location				E4W			3E4				E5			E5E		E5S				E5W
Sample ID				HFSB-E4W000.5	HFSB-E4W-0.502	HFSB-E4W-0204	HFSB-3E4000.05	HFSB-3E4-0.502	JM22-FD5-121510	HFSB-3E4-0204	HFSB-E5-000.5	HFSB-E5-0.502	HFSB-07-FD	HFSB-E5E000.5	HFSB-E5E0.502	HFSB-E5S000.5	HFSB-E5S0.502	HFSB-E5S-0204	HFSB-E5S-0406	HFSB-E5W000.5
Sample Depth (ft)				0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	0.5 - 2	0 - 0.5	0.5 - 2	0 - 0.5	0.5 - 2	2 - 4	4 - 6	0 - 0.5
Sample Date				7/8/2010	12/15/2010	12/15/2010	7/8/2010	12/15/2010	12/15/2010	12/15/2010	11/5/2009	11/5/2009	11/5/2009	7/8/2010	7/8/2010	7/8/2010	7/8/2010	12/15/2010	12/15/2010	7/8/2010
Analyte	**Units**	**SCTL [1IND]**	**SCTL [REC]**																	
PAH (MG/KG)																				
Benzo(a)anthracene	MG/KG	#	#	0.13	NA	NA	0.83	0.06 J	0.13	0.0058	2.4	0.0076 J	0.0044 J	0.5	0.12	0.3	1	0.14	0.11	0.21
Benzo(a)pyrene	MG/KG	0.7	0.35	0.2	NA	NA	0.65	0.14 J	0.22	0.016	**1.7**	0.028 J	0.011 J	**0.81**	0.15	0.39	**0.86**	0.58	0.17	0.27
Benzo(b)fluoranthene	MG/KG	#	#	0.43	NA	NA	1.3	0.24 J	0.32	0.02	2.9	0.045 J	0.019 J	1.4	0.26	1.1	1.5	0.94	0.23 J	0.5
Benzo(k)fluoranthene	MG/KG	#	#	0.12	NA	NA	0.46	0.094 J	0.15	0.0087	1.1	0.017 J	0.0068 J	0.47	0.13	0.38	0.53	0.26	0.12	0.25
Chrysene	MG/KG	#	#	0.17	NA	NA	0.8	0.079 J	0.12	0.0073	1.9	0.011 J	0.006 J	0.47	0.14	0.39	0.99	0.25	0.13	0.25
Dibenz(a,h)anthracene	MG/KG	#	#	0.03 J	NA	NA	0.13	0.04 J	0.047	0.0036 J	0.37 J	0.0065 J	0.0024 J	0.096	0.077 U	0.066 J	0.11	0.12 J	0.033	0.042 J
Indeno(1,2,3-cd)pyrene	MG/KG	#	#	0.1	NA	NA	0.41	0.078 J	0.13	0.012	1.5	0.018 J	0.0066 J	0.29	0.083 J	0.2	0.36	0.41	0.088	0.14
SW6010B (MG/KG)																				
Arsenic	MG/KG	12	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	MG/KG	1400	400	NA	NA	NA	NA	NA	NA	NA	62.1	7.65	7.92	NA	NA	NA	NA	NA	NA	NA
SW8082 (MG/KG)																				
Aroclor-1016	MG/KG	2.6	1.29	0.2 U	0.029 U	0.03 U	1.6 U	0.027 U	0.026 U	0.028 U	0.014 U	0.015 U	0.015 U	0.19 U	0.093 U	NA	NA	NA	NA	0.2 U
Aroclor-1221	MG/KG	2.6	1.29	0.2 U	0.029 U	0.03 U	1.6 U	0.027 U	0.026 U	0.028 U	0.014 U	0.015 U	0.015 U	0.19 U	0.093 U	NA	NA	NA	NA	0.2 U
Aroclor-1232	MG/KG	2.6	1.29	0.39 U	0.058 U	0.06 U	**3.3 U**	0.054 U	0.053 U	0.056 U	0.029 U	0.03 U	0.03 U	0.38 U	0.18 U	NA	NA	NA	NA	0.4 U
Aroclor-1242	MG/KG	2.6	1.29	0.2 U	0.029 U	0.03 U	1.6 U	0.027 U	0.026 U	0.028 U	0.014 U	0.015 U	0.015 U	0.19 U	0.093 U	NA	NA	NA	NA	0.2 U
Aroclor-1248	MG/KG	2.6	1.29	0.22 U	0.032 U	0.033 U	1.8 U	0.03 U	0.029 U	0.031 U	0.016 U	0.016 U	0.016 U	0.21 U	0.1 U	NA	NA	NA	NA	0.22 U
Aroclor-1254	MG/KG	2.6	1.29	0.2 U	0.029 U	0.03 U	1.6 U	0.027 U	0.026 U	0.028 U	0.014 U	0.015 U	0.015 U	0.19 U	0.093 U	NA	NA	NA	NA	0.2 U
Aroclor-1260	MG/KG	2.6	1.29	**3.6**	1.4 B	0.03 J	**9.2**	1.2 JB	**6.9 JB**	0.042	**3.2 J**	0.015 U	0.015 U	2.4 J	0.96	NA	NA	NA	NA	**3.5**
Aroclor-1262	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

StationID				E4W			03E4				E5			E5E		E5S				E5W
SampleID				HFSB-E4W000.5			HFSB-3E4000.05	HFSB-3E4-0_502	JM22-FD5-121510	HFSB-3E4-0204	HFSB-E5-000.5	HFSB-E5-0.502	HFSB-07-FD	HFSB-E5E000.5	HFSB-E5E0.502	HFSB-E5S000.5	HFSB-E5S0.502	HFSB-E5S-0204	HFSB-E5S-0406	HFSB-E5W000.5
Sample Date				7/8/2010			7/8/2010	12/15/2010	12/15/2010	12/15/2010	11/5/2009	11/5/2009	11/5/2009	7/8/2010	7/8/2010	7/8/2010	7/8/2010	12/15/2010	12/15/2010	7/8/2010
Parameter		**Units**	**SCTL**																	
Benzo(a)anthracene		MG/KG		0.013			0.083	0.006 J	0.013	0.00058	0.24	0.00076 J	0.00044 J	0.05	0.012	0.03	0.1	0.014	0.011	0.021
Benzo(a)pyrene		MG/KG		0.2			0.65	0.14 J	0.22	0.016	1.7	0.028 J	0.011 J	0.81	0.15	0.39	0.86	0.58	0.17	0.27
Benzo(b)fluoranthene		MG/KG		0.043			0.13	0.024 J	0.032	0.002	0.29	0.0045 J	0.0019 J	0.14	0.026	0.11	0.15	0.094	0.023 J	0.05
Benzo(k)fluoranthene		MG/KG		0.0012			0.0046	0.00094 J	0.0015	0.000087	0.011	0.00017 J	0.000068 J	0.0047	0.0013	0.0038	0.0053	0.0026	0.0012	0.0025
Chrysene		MG/KG		0.00017			0.0008	0.000079 J	0.00012	0.0000073	0.0019	0.000011 J	0.000006 J	0.00047	0.00014	0.00039	0.00099	0.00025	0.00013	0.00025
Dibenz(a,h)anthracene		MG/KG		0.03 J			0.13	0.04 J	0.047	0.0036 J	0.37 J	0.0065 J	0.0024 J	0.096	0.0385 U	0.066 J	0.11	0.12 J	0.033	0.042 J
Indeno(1,2,3-cd)pyrene		MG/KG		0.01			0.041	0.0078 J	0.013	0.0012	0.15	0.0018 J	0.00066 J	0.029	0.0083 J	0.02	0.036	0.041	0.0088	0.014
Total BEQs				0.29737			1.0394	0.218819	0.32662	0.0234743	2.7629	0.041741	0.016474	1.13017	0.23624	0.62019	1.26229	0.85185	0.24713	0.39975
		Industrial Exposure Limit	0.7																	
SCTL Industrial Failure?				NO			YES	NO	NO	NO	YES	NO	NO	YES	NO	NO	YES	YES	NO	NO
		Recreational Exposure Limit	0.35																	
SCTL Recreational Failure?				NO			YES	NO	NO	NO	YES	NO	NO	YES	NO	YES	YES	YES	NO	YES

Notes:
NA Not analyzed
B The analyte was detected in the associated method and/or calibration blank.
J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
JB The analyte detected in the associated field, equipment, and/or trip blank.
U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ The analyte was below the reported sample quantitation limit. However, the reported value is approximate.
mg/kg Milligrams per Kilogram

Values Bolded are analytes not detected by the Lab but are above the **SCTL [1 IND]**
Values Shaded Pale Yellow are analytes not detected by the Lab but are above the **SCTL [REC]**
Values Bolded and Shaded Pale Yellow are analytes not detected by the Lab but are above both **SCTL [1 IND]** and **SCTL [REC]**
Values Bold and Pale Blue are hits exceeding the **SCTL [1 IND]**
Values Shaded Grey are hits that exceed the **SCTL [REC]**
Values Bold and Shaded Grey are hits that exceed both **SCTL [1 IND]** and **SCTL [REC]**

1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg
SCTL [1 IND] - Soil Cleanup Target Level Industrial.
SCTL REC - Soil Cleanup Target Level Recreational.
= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison
-- = Not Available at time of rule adoption/ limit does not apply

Shading with **"YES"** indicates **Total BaP** equivalent faliure.

TABLE A-1
Parcel K Soil Sampling

Location				F1		F2				1F2	F2E	F3			F4			F5		
Sample ID				HFSB-F1-000.5	HFSB-F1-0.502	HFSB-F2-000.5	HFSB-F2-0.502	HFSB-05-0.502-FD	HFSB-F2-0204	HFSB-1F2000_5	HFSB-F2E000.5	HFSB-F3-000.5	HFSB-F3-0.502	HFSB-F3-0204	HFSB-F4-000.5	HFSB-04-000.5-FD	HFSB-F4-0.502	HFSB-F5-000.5	HFSB-F5-0.502	HFSB-F5-0204
Sample Depth (ft)				0 - 0.5	0.5 - 2	0 - 0.5	0.5 - 2	0.5 - 2	2 - 4	0 - 0.5	0 - 0.5	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0 - 0.5	0.5 - 2	0 - 0.5	0.5 - 2	2 - 4
Sample Date				11/4/2009	11/4/2009	11/4/2009	11/4/2009	11/4/2009	11/4/2009	7/8/2010	7/8/2010	11/4/2009	11/4/2009	11/4/2009	11/4/2009	11/4/2009	11/4/2009	11/4/2009	11/4/2009	11/4/2009
Analyte	**Units**	**SCTL [1IND]**	**SCTL [REC]**																	
PAH (MG/KG)																				
Benzo(a)anthracene	MG/KG	#	#	0.18 U	0.0022 J	1	0.066 J	0.14 J	0.012	0.098	0.24	2.4	0.5	0.063	0.56	0.57	0.014	0.59	0.042	0.024
Benzo(a)pyrene	MG/KG	0.7	0.35	0.23 U	0.015	**0.94**	0.083 J	0.13 J	0.033	0.087	0.2	**1.8**	0.52	0.11	0.63	0.64	0.045	**0.73**	0.06	0.041
Benzo(b)fluoranthene	MG/KG	#	#	0.25 U	0.031	1.4	0.12 J	0.18 J	0.046 J	0.18	0.31	2.7	0.71	0.17	0.95	0.91	0.065	1.1	0.1	0.062
Benzo(k)fluoranthene	MG/KG	#	#	0.27 U	0.0088	0.49	0.041 J	0.063 J	0.018	0.072	0.1	0.95	0.24	0.064	0.35	0.37	0.023	0.4	0.031 J	0.027
Chrysene	MG/KG	#	#	0.17 U	0.0039	0.86	0.055 J	0.12 J	0.022	0.15	0.18	2.1	0.41	0.06	0.52	0.53	0.026	0.6	0.046	0.039
Dibenz(a,h)anthracene	MG/KG	#	#	0.34 U	0.0042 J	0.16	0.029 J	0.047 J	0.0082	0.021	0.049	0.19	0.22	0.028 J	0.09	0.094	0.0089	0.099	0.063 U	0.0072
Indeno(1,2,3-cd)pyrene	MG/KG	#	#	0.39 U	0.012	0.4	0.094 J	0.15 J	0.026	0.056	0.17	1.7	0.73	0.11	0.32	0.27	0.03	0.33	0.03 J	0.018
SW6010B (MG/KG)																				
Arsenic	MG/KG	12	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	MG/KG	1400	400	28.9	5.16	417	0.921 U	18.6 J	NA	NA	128	373	41.3	NA	132	117	5.14	95.9	9.08	NA
SW8082 (MG/KG)																				
Aroclor-1016	MG/KG	2.6	1.29	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	NA	NA	0.12 U	0.025 U	0.024 U	0.025 U	0.024 U	0.024 U	0.024 U	0.023 U	0.023 U	NA
Aroclor-1221	MG/KG	2.6	1.29	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	NA	NA	0.12 U	0.025 U	0.024 U	0.025 U	0.024 U	0.024 U	0.024 U	0.023 U	0.023 U	NA
Aroclor-1232	MG/KG	2.6	1.29	0.048 U	0.049 U	0.048 U	0.049 U	0.048 U	NA	0.22 U	0.23 U	0.049 U	0.048 U	0.049 U	0.049 U	0.048 U	0.049 U	0.047 U	0.046 U	NA
Aroclor-1242	MG/KG	2.6	1.29	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	NA	0.22 U	0.12 U	0.025 U	0.024 U	0.025 U	0.024 U	0.024 U	0.024 U	0.023 U	0.023 U	NA
Aroclor-1248	MG/KG	2.6	1.29	0.026 U	0.027 U	0.026 U	0.027 U	0.026 U	NA	0.43 U	0.13 U	0.027 U	0.026 U	0.027 U	0.027 U	0.026 U	0.027 U	0.026 U	0.025 U	NA
Aroclor-1254	MG/KG	2.6	1.29	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	NA	0.22 U	0.12 U	0.025 U	0.024 U	0.025 U	0.024 U	0.024 U	0.024 U	0.023 U	0.023 U	NA
Aroclor-1260	MG/KG	2.6	1.29	0.12	0.024 U	**5.5 J**	0.21 J	0.33 J	NA	0.24 U	1.4	**7.8**	0.76	0.12 B	**6.6 JB**	**4 JB**	0.042	2 B	0.058 B	NA
Aroclor-1262	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	0.22 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	**4**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

StationID				F1		F2				1F2	F2E	F3			F4			F5		
SampleID				HFSB-F1-000.5	HFSB-F1-0.502	HFSB-F2-000.5	HFSB-F2-0.502	HFSB-05-0.502-FD	HFSB-F2-0204	HFSB-1F2000_5	HFSB-F2E000.5	HFSB-F3-000.5	HFSB-F3-0.502	HFSB-F3-0204	HFSB-F4-000.5	HFSB-04-000.5-FD	HFSB-F4-0.502	HFSB-F5-000.5	HFSB-F5-0.502	HFSB-F5-0204
Sample Date				11/4/2009	11/4/2009	11/4/2009	11/4/2009	11/4/2009	11/4/2009	7/8/2010	7/8/2010	11/4/2009	11/4/2009	11/4/2009	11/4/2009	11/4/2009	11/4/2009	11/4/2009	11/4/2009	11/4/2009
Parameter		**Units**	**SCTL**																	
Benzo(a)anthracene		MG/KG		0.009 U	0.00022 J	0.1	0.0066 J	0.014 J	0.0012	0.0098	0.024	0.24	0.05	0.0063	0.056	0.057	0.0014	0.059	0.0042	0.0024
Benzo(a)pyrene		MG/KG		0.115 U	0.015	0.94	0.083 J	0.13 J	0.033	0.087	0.2	1.8	0.52	0.11	0.63	0.64	0.045	0.73	0.06	0.041
Benzo(b)fluoranthene		MG/KG		0.0125 U	0.0031	0.14	0.012 J	0.018 J	0.0046 J	0.018	0.031	0.27	0.071	0.017	0.095	0.091	0.0065	0.11	0.01	0.0062
Benzo(k)fluoranthene		MG/KG		0.00135 U	0.000088	0.0049	0.00041 J	0.00063 J	0.00018	0.00072	0.001	0.0095	0.0024	0.00064	0.0035	0.0037	0.00023	0.004	0.00031 J	0.00027
Chrysene		MG/KG		0.000085 U	0.0000039	0.00086	0.000055 J	0.00012 J	0.000022	0.00015	0.00018	0.0021	0.00041	0.00006	0.00052	0.00053	0.000026	0.0006	0.000046	0.000039
Dibenz(a,h)anthracene		MG/KG		0.17 U	0.0042 J	0.16	0.029 J	0.047 J	0.0082	0.021	0.049	0.19	0.22	0.028 J	0.09	0.094	0.0089	0.099	0.0315 U	0.0072
Indeno(1,2,3-cd)pyrene		MG/KG		0.0195 U	0.0012	0.04	0.0094 J	0.015 J	0.0026	0.0056	0.017	0.17	0.073	0.011	0.032	0.027	0.003	0.033	0.003 J	0.0018
Total BEQs				0.327435	0.0238119	1.38576	0.140465	0.22475	0.049802	0.14227	0.32218	2.6816	0.93681	0.173	0.90702	0.91323	0.065056	1.0356	0.109056	0.058909
		Industrial Exposure Limit	0.7																	
SCTL Industrial Failure?				NO	NO	YES	NO	NO	NO	NO	NO	YES	YES	NO	YES	YES	NO	YES	NO	NO
		Recreational Exposure Limit	0.35																	
SCTL Recreational Failure?				NO	NO	YES	NO	NO	NO	NO	NO	YES	YES	NO	YES	YES	NO	YES	NO	NO

Notes:
NA Not analyzed
B The analyte was detected in the associated method and/or calibration blank.
J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
JB The analyte detected in the associated field, equipment, and/or trip blank.
U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ The analyte was below the reported sample quantitation limit. However, the reported value is approximate.
mg/kg Milligrams per Kilogram

Values Bolded are analytes not detected by the Lab but are above the **SCTL [1 IND]**
Values Shaded Pale Yellow are analytes not detected by the Lab but are above the **SCTL [REC]**
Values Bolded and Shaded Pale Yellow are analytes not detected by the Lab but are above both **SCTL [1 IND]** and **SCTL [REC]**
Values Bold and Pale Blue are hits exceeding the **SCTL [1 IND]**
Values Shaded Grey are hits that exceed the **SCTL [REC]**
Values Bold and Shaded Grey are hits that exceed both **SCTL [1 IND]** and **SCTL [REC]**

1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg
SCTL [1 IND] - Soil Cleanup Target Level Industrial.
SCTL REC - Soil Cleanup Target Level Recreational.
= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison
-- = Not Available at time of rule adoption/ limit does not apply

Shading with **"YES"** indicates **Total BaP** equivalent faliure.

TABLE A-1
Parcel K Soil Sampling

Location				F5E	F5N		G1			G1W	G2			G3		G3E	G4		G4N
Sample ID				HFSB-F5E0.502	HFSB-F5N000.5	HFSB-F5N0.502	HFSB-G1-000.5	HFSB-01-000.5-FD	HFSB-G1-0.502	HFSB-G1W000.5	HFSB-G2-000.5	HFSB-G2-0.502	HFSB-02-0.502-FD	HFSB-G3-000.5	HFSB-G3-0.502	HFSB-G3E000.5	HFSB-G4-000.5	HFSB-G4-0.502	HFSB-G4N000.5
Sample Depth (ft)				0.5 - 2	0 - 0.5	0.5 - 2	0 - 0.5	0 - 0.5	0.5 - 2	0 - 0.5	0 - 0.5	0.5 - 2	0.5 - 2	0 - 0.5	0.5 - 2	0 - 0.5	0 - 0.5	0.5 - 2	0 - 0.5
Sample Date				7/8/2010	8/6/2010	7/8/2010	11/4/2009	11/4/2009	11/4/2009	8/6/2010	11/4/2009	11/4/2009	11/4/2009	11/4/2009	11/4/2009	7/11/2010	11/4/2009	11/4/2009	7/9/2010
Analyte	**Units**	**SCTL [1IND]**	**SCTL [REC]**																
PAH (MG/KG)																			
Benzo(a)anthracene	MG/KG	#	#	0.078	0.68	0.2	0.15 J	0.15 J	0.0026 J	NA	0.064	0.023	0.019	6.8	0.022	0.096	0.59	0.004	0.47
Benzo(a)pyrene	MG/KG	0.7	0.35	0.13	**0.92**	0.21	0.17 J	0.16 J	0.0047	NA	0.072	0.049	0.054	**6.2**	0.034	0.18	0.56	0.0095	0.34
Benzo(b)fluoranthene	MG/KG	#	#	0.26	1.2	0.36	0.2 J	0.18 J	0.0073	NA	0.11	0.084	0.085	8.3	0.052	0.37	0.89	0.017	0.62 J
Benzo(k)fluoranthene	MG/KG	#	#	0.078	0.71	0.19	0.26 U	0.26 U	0.0026 J	NA	0.04 J	0.028	0.027	3.1	0.017	0.097	0.28 J	0.0048 J	0.18
Chrysene	MG/KG	#	#	0.11	0.96	0.23	0.13 J	0.12 J	0.0034	NA	0.074	0.032	0.028	7.2	0.025	0.12	0.64	0.006	0.33
Dibenz(a,h)anthracene	MG/KG	#	#	0.08 U	0.15	0.031 J	0.33 U	0.33 U	0.0068 U	NA	0.067 U	0.01	0.012	1	0.007	0.035 J	0.68 U	0.0065 U	0.058 J
Indeno(1,2,3-cd)pyrene	MG/KG	#	#	0.07 J	0.54	0.1	0.26 J	0.22 J	0.006 J	NA	0.054 J	0.038 J	0.078 J	3.6	0.026	0.096 J	0.35 J	0.0074 J	0.2
SW6010B (MG/KG)																			
Arsenic	MG/KG	12	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	MG/KG	1400	400	NA	NA	NA	200	190	1.75	NA	21.2	11 J	5.4 J	249	6.48	NA	108 J	4.91 U	NA
SW8082 (MG/KG)																			
Aroclor-1016	MG/KG	2.6	1.29	0.019 U	NA	0.019 U	0.023 U	0.024 U	0.024 U	0.025 U	0.024 U	0.024 U	0.025 U	0.024 U	0.024 U	0.026 U	0.024 U	0.024 U	0.21 U
Aroclor-1221	MG/KG	2.6	1.29	0.019 U	NA	0.019 U	0.023 U	0.024 U	0.024 U	0.025 U	0.024 U	0.024 U	0.025 U	0.024 U	0.024 U	0.026 U	0.024 U	0.024 U	0.21 U
Aroclor-1232	MG/KG	2.6	1.29	0.039 U	NA	0.038 U	0.046 U	0.048 U	0.048 U	0.051 U	0.049 U	0.049 U	0.05 U	0.047 U	0.048 U	0.052 U	0.049 U	0.048 U	0.43 U
Aroclor-1242	MG/KG	2.6	1.29	0.019 U	NA	0.019 U	0.023 U	0.024 U	0.024 U	0.025 U	0.024 U	0.024 U	0.025 U	0.024 U	0.024 U	0.026 U	0.024 U	0.024 U	0.21 U
Aroclor-1248	MG/KG	2.6	1.29	0.021 U	NA	0.021 U	0.026 U	0.026 U	0.026 U	0.028 U	0.027 U	0.027 U	0.027 U	0.026 U	0.026 U	0.029 U	0.027 U	0.026 U	0.24 U
Aroclor-1254	MG/KG	2.6	1.29	0.019 U	NA	0.019 U	0.023 U	0.024 U	0.024 U	0.025 U	0.024 U	0.024 U	0.025 U	0.024 U	0.024 U	0.026 U	0.024 U	0.024 U	0.21 U
Aroclor-1260	MG/KG	2.6	1.29	0.26	NA	0.16	**3.4 J**	2.3 J	0.0093 J	0.052	0.87	0.021 B	0.017 B	1.8 B	0.021 B	0.61	**3.2 B**	0.04 B	2.2 J
Aroclor-1262	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

StationID				F5E	F5N		G1				G2			G3		G3E	G4		G4N
SampleID				HFSB-F5E0.502	HFSB-F5N000.5	HFSB-F5N0.502	HFSB-G1-000.5	HFSB-01-000.5-FD	HFSB-G1-0.502		HFSB-G2-000.5	HFSB-G2-0.502	HFSB-02-0.502-FD	HFSB-G3-000.5	HFSB-G3-0.502	HFSB-G3E000.5	HFSB-G4-000.5	HFSB-G4-0.502	HFSB-G4N000.5
Sample Date				7/8/2010	8/6/2010	7/8/2010	11/4/2009	11/4/2009	11/4/2009		11/4/2009	11/4/2009	11/4/2009	11/4/2009	11/4/2009	7/11/2010	11/4/2009	11/4/2009	7/9/2010
Parameter		**Units**	**SCTL**																
Benzo(a)anthracene		MG/KG		0.0078	0.068	0.02	0.015 J	0.015 J	0.00026 J		0.0064	0.0023	0.0019	0.68	0.0022	0.0096	0.059	0.0004	0.047
Benzo(a)pyrene		MG/KG		0.13	0.92	0.21	0.17 J	0.16 J	0.0047		0.072	0.049	0.054	6.2	0.034	0.18	0.56	0.0095	0.34
Benzo(b)fluoranthene		MG/KG		0.026	0.12	0.036	0.02 J	0.018 J	0.00073		0.011	0.0084	0.0085	0.83	0.0052	0.037	0.089	0.0017	0.062 J
Benzo(k)fluoranthene		MG/KG		0.00078	0.0071	0.0019	0.0013 U	0.0013 U	0.000026 J		0.0004 J	0.00028	0.00027	0.031	0.00017	0.00097	0.0028 J	0.000048 J	0.0018
Chrysene		MG/KG		0.00011	0.00096	0.00023	0.00013 J	0.00012 J	0.0000034		0.000074	0.000032	0.000028	0.0072	0.000025	0.00012	0.00064	0.000006	0.00033
Dibenz(a,h)anthracene		MG/KG		0.04 U	0.15	0.031 J	0.165 U	0.165 U	0.0034 U		0.0335 U	0.01	0.012	1	0.007	0.035 J	0.34 U	0.00325 U	0.058 J
Indeno(1,2,3-cd)pyrene		MG/KG		0.007 J	0.054	0.01	0.026 J	0.022 J	0.0006 J		0.0054 J	0.0038 J	0.0078 J	0.36	0.0026	0.0096 J	0.035 J	0.00074 J	0.02
Total BEQs				0.21169	1.32006	0.30913	0.39743	0.38142	0.0097194		0.128774	0.073812	0.084498	9.1082	0.051195	0.27229	1.08644	0.015644	0.52913
		Industrial Exposure Limit	0.7																
SCTL Industrial Failure?				NO	YES	NO	NO	NO	NO		NO	NO	NO	YES	NO	NO	YES	NO	NO
		Recreational Exposure Limit	0.35																
SCTL Recreational Failure?				NO	YES	NO	YES	YES	NO		NO	NO	NO	YES	NO	NO	YES	NO	YES

Notes:
NA Not analyzed
B The analyte was detected in the associated method and/or calibration blank.
J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
JB The analyte detected in the associated field, equipment, and/or trip blank.
U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ The analyte was below the reported sample quantitation limit. However, the reported value is approximate.
mg/kg Milligrams per Kilogram

Values Bolded are analytes not detected by the Lab but are above the **SCTL [1 IND]**
Values Shaded Pale Yellow are analytes not detected by the Lab but are above the **SCTL [REC]**
Values Bolded and Shaded Pale Yellow are analytes not detected by the Lab but are above both **SCTL [1 IND]** and **SCTL [REC]**
Values Bold and Pale Blue are hits exceeding the **SCTL [1 IND]**
Values Shaded Grey are hits that exceed the **SCTL [REC]**
Values Bold and Shaded Grey are hits that exceed both **SCTL [1 IND]** and **SCTL [REC]**

1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg
SCTL [1 IND] - Soil Cleanup Target Level Industrial.
SCTL REC - Soil Cleanup Target Level Recreational.
= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison
-- = Not Available at time of rule adoption/ limit does not apply

Shading with **"YES"** indicates **Total BaP** equivalent faliure.

TABLE A-1
Parcel K Soil Sampling

Location				G5				G5N	H1		H1E				H1N	H1S	H1W	1H2
Sample ID				HFSB-G5-000.5	HFSB-G5-0.502	HFSB-03-0.502-FD	HFSB-G5-0204	HFSB-G5N000.5	HFSB-H1-000.5	HFSB-H1-0.502	HFSB-H1E000.5	HFSB-H1E-0.502	HFSB-H1E-0204	HFSB-H1E-0406	HFSB-H1N000.5	HFSB-H1S000.5	HFSB-H1W000.5	HFSB-1H2000.5
Sample Depth (ft)				0 - 0.5	0.5 - 2	0.5 - 2	2 - 4	0 - 0.5	0 - 0.5	0.5 - 2	0 - 0.5	0.5 - 2	2 - 4	4 - 6	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Sample Date				11/4/2009	11/4/2009	11/4/2009	11/4/2009	7/11/2010	11/3/2009	11/3/2009	7/11/2010	12/15/2010	12/15/2010	12/15/2010	7/8/2010	7/11/2010	7/11/2010	7/8/2010
Analyte	**Units**	**SCTL [1IND]**	**SCTL [REC]**															
PAH (MG/KG)																		
Benzo(a)anthracene	MG/KG	#	#	0.2 J	0.047 J	0.018 J	0.01	0.099	0.76 J	0.012 J	0.26	NA	NA	NA	0.0043 J	0.084	0.24	0.49 U
Benzo(a)pyrene	MG/KG	0.7	0.35	0.27 J	0.2 J	0.072 J	0.015	0.1	**0.72 J**	0.045 J	0.22	NA	NA	NA	0.011	0.087	0.18	0.63 U
Benzo(b)fluoranthene	MG/KG	#	#	0.46 J	0.29 J	0.11 J	0.026	0.19	1.2 J	0.078 J	0.49	NA	NA	NA	0.021	0.2	0.36	0.66 U
Benzo(k)fluoranthene	MG/KG	#	#	0.56 U	0.11 J	0.032 J	0.0081	0.073	0.32 J	0.029 J	0.14	NA	NA	NA	0.0056 J	0.067	0.12 J	0.74 U
Chrysene	MG/KG	#	#	0.25 J	0.067 J	0.021 J	0.014	0.089	0.85 J	0.019 J	0.21	NA	NA	NA	0.0051	0.067	0.18	0.46 U
Dibenz(a,h)anthracene	MG/KG	#	#	0.7 U	0.038 J	0.012 J	0.0027 J	0.086 U	0.076 J	0.01 J	0.041 J	NA	NA	NA	0.0095 U	0.081 U	0.16 U	0.91 U
Indeno(1,2,3-cd)pyrene	MG/KG	#	#	0.8 U	0.33 J	0.041 J	0.0087	0.078 J	0.17 J	0.025 J	0.14	NA	NA	NA	0.0091 J	0.052 J	0.1 J	1 U
SW6010B (MG/KG)																		
Arsenic	MG/KG	12	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	MG/KG	1400	400	64.8	16.8 J	11.1 J	NA	NA	118	6.33 JB	NA	NA	NA	NA	NA	NA	NA	NA
SW8082 (MG/KG)																		
Aroclor-1016	MG/KG	2.6	1.29	0.025 U	0.025 U	0.024 U	NA	0.027 U	0.026 U	0.025 U	0.14 U	0.028 U	0.027 U	0.024 U	0.023 U	0.05 U	0.25 U	0.021 U
Aroclor-1221	MG/KG	2.6	1.29	0.025 U	0.025 U	0.024 U	NA	0.027 U	0.026 U	0.025 U	0.14 U	0.028 U	0.027 U	0.024 U	0.023 U	0.05 U	0.25 U	0.021 U
Aroclor-1232	MG/KG	2.6	1.29	0.05 U	0.05 U	0.048 U	NA	0.054 U	0.052 U	0.05 U	0.28 U	0.057 U	0.054 U	0.048 U	0.046 U	0.1 U	0.51 U	0.043 U
Aroclor-1242	MG/KG	2.6	1.29	0.025 U	0.025 U	0.024 U	NA	0.027 U	0.026 U	0.025 U	0.14 U	0.028 U	0.027 U	0.024 U	0.023 U	0.05 U	0.25 U	0.021 U
Aroclor-1248	MG/KG	2.6	1.29	0.027 U	0.028 U	0.026 U	NA	0.03 U	0.029 U	0.027 U	0.15 U	0.031 U	0.029 U	0.026 U	0.025 U	0.055 U	0.28 U	0.023 U
Aroclor-1254	MG/KG	2.6	1.29	0.025 U	0.025 U	0.024 U	NA	0.027 U	0.026 U	0.025 U	0.14 U	0.028 U	0.027 U	0.024 U	0.023 U	0.05 U	0.25 U	0.021 U
Aroclor-1260	MG/KG	2.6	1.29	0.76 B	0.014 B	0.024 U	NA	0.78	**5.7**	0.035	**3.1**	0.52 B	0.64	0.26	0.029	1.6	**3.4**	0.014 J
Aroclor-1262	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

StationID				G5				G5N	H1			H1E			H1N	H1S	H1W	1H2
SampleID				HFSB-G5-000.5	HFSB-G5-0.502	HFSB-03-0.502-FD	HFSB-G5-0204	HFSB-G5N000.5	HFSB-H1-000.5	HFSB-H1-0.502		HFSB-H1E000.5			HFSB-H1N000.5	HFSB-H1S000.5	HFSB-H1W000.5	HFSB-1H2000.5
Sample Date				11/4/2009	11/4/2009	11/4/2009	11/4/2009	7/11/2010	11/3/2009	11/3/2009		7/11/2010			7/8/2010	7/11/2010	7/11/2010	7/8/2010
Parameter		**Units**	**SCTL**															
Benzo(a)anthracene		MG/KG		0.02 J	0.0047 J	0.0018 J	0.001	0.0099	0.076 J	0.0012 J		0.026			0.00043 J	0.0084	0.024	0.0245 U
Benzo(a)pyrene		MG/KG		0.27 J	0.2 J	0.072 J	0.015	0.1	0.72 J	0.045 J		0.22			0.011	0.087	0.18	0.315 U
Benzo(b)fluoranthene		MG/KG		0.046 J	0.029 J	0.011 J	0.0026	0.019	0.12 J	0.0078 J		0.049			0.0021	0.02	0.036	0.033 U
Benzo(k)fluoranthene		MG/KG		0.0028 U	0.0011 J	0.00032 J	0.000081	0.00073	0.0032 J	0.00029 J		0.0014			0.000056 J	0.00067	0.0012 J	0.0037 U
Chrysene		MG/KG		0.00025 J	0.000067 J	0.000021 J	0.000014	0.000089	0.00085 J	0.000019 J		0.00021			0.0000051	0.000067	0.00018	0.00023 U
Dibenz(a,h)anthracene		MG/KG		0.35 U	0.038 J	0.012 J	0.0027 J	0.043 U	0.076 J	0.01 J		0.041 J			0.00475 U	0.0405 U	0.08 U	0.455 U
Indeno(1,2,3-cd)pyrene		MG/KG		0.04 U	0.033 J	0.0041 J	0.00087	0.0078 J	0.017 J	0.0025 J		0.014			0.00091 J	0.0052 J	0.01 J	0.05 U
Total BEQs				0.72905	0.305867	0.101241	0.022265	0.180519	1.01305	0.066809		0.35161			0.0192511	0.161837	0.33138	0.88143
		Industrial Exposure Limit	0.7															
SCTL Industrial Failure?				YES	NO	NO	NO	NO	YES	NO		NO			NO	NO	NO	YES
		Recreational Exposure Limit	0.35															
SCTL Recreational Failure?				YES	NO	NO	NO	NO	YES	NO		YES			NO	NO	NO	YES

Notes:
NA Not analyzed
B The analyte was detected in the associated method and/or calibration blank.
J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
JB The analyte detected in the associated field, equipment, and/or trip blank.
U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ The analyte was below the reported sample quantitation limit. However, the reported value is approximate.
mg/kg Milligrams per Kilogram

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Values Shaded Pale Yellow are analytes not detected by the Lab but are above the **SCTL [REC]**
Values Bolded and Shaded Pale Yellow are analytes not detected by the Lab but are above both **SCTL [1 IND]** and **SCTL [REC]**
Values Bold and Pale Blue are hits exceeding the **SCTL [1 IND]**
Values Shaded Grey are hits that exceed the **SCTL [REC]**
Values Bold and Shaded Grey are hits that exceed both **SCTL [1 IND]** and **SCTL [REC]**

1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg
SCTL [1 IND] - Soil Cleanup Target Level Industrial.
SCTL REC - Soil Cleanup Target Level Recreational.
= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison
-- = Not Available at time of rule adoption/ limit does not apply

Shading with **"YES"** indicates **Total BaP** equivalent faliure.

TABLE A-1
Parcel K Soil Sampling

Location				1H2E			1H2W	H4		H4N	H5		H5E	H5N
Sample ID				HFSB-1H2E000.5	HFSB-1H2E-0.502	HFSB-1H2E-0204	HFSB-1H2W000.5	HFSB-H4-000.5	HFSB-H4-0.502	HFSB-H4N000.5	HFSB-H5-000.5	HFSB-H5-0.502	HFSB-H5E000.5	HFSB-H5N000.5
Sample Depth (ft)				0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0 - 0.5	0.5 - 2	0 - 0.5	0 - 0.5	0.5 - 2	0 - 0.5	0 - 0.5
Sample Date				8/6/2010	12/15/2010	12/15/2010	8/6/2010	11/3/2009	11/3/2009	7/11/2010	11/3/2009	11/3/2009	7/9/2010	7/9/2010
Analyte	**Units**	**SCTL [1IND]**	**SCTL [REC]**											
PAH (MG/KG)														
Benzo(a)anthracene	MG/KG	#	#	1.4	0.016	0.0094	0.032 J	1.9 J	0.003 J	2.9	0.74 J	0.0042 J	1.5	0.99
Benzo(a)pyrene	MG/KG	0.7	0.35	**1.2**	0.031	0.014	0.042 J	**1.6 J**	0.011 J	**2.1**	**0.72 J**	0.0071 J	**1**	**0.79**
Benzo(b)fluoranthene	MG/KG	#	#	1.9	0.038	0.018	0.066	2.5 J	0.022 J	4	1.2 J	0.013 J	1.9	1.4
Benzo(k)fluoranthene	MG/KG	#	#	1.2	0.018	0.0072	0.04 J	1 J	0.0075 J	1.4	0.47 J	0.0043 J	0.61 J	0.5
Chrysene	MG/KG	#	#	1.8	0.018	0.012	0.053	2.1 J	0.0047 J	2.3	0.88 J	0.005 J	1.1	0.88
Dibenz(a,h)anthracene	MG/KG	#	#	0.2	0.0065 J	0.0078 U	0.072 U	0.18 J	0.013 UJ	0.53	0.12 J	0.014 UJ	0.16	0.19
Indeno(1,2,3-cd)pyrene	MG/KG	#	#	0.68	0.019	0.0083 J	0.044 J	0.36 J	0.016 UJ	1.5	0.4 J	0.016 UJ	0.5	0.56
SW6010B (MG/KG)														
Arsenic	MG/KG	12	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	MG/KG	1400	400	NA	NA	NA	NA	214	3.75 JB	NA	93.7	0.302 JB	NA	NA
SW8082 (MG/KG)														
Aroclor-1016	MG/KG	2.6	1.29	NA	NA	NA	NA	0.024 U	0.024 U	0.027 U	0.024 U	0.024 U	NA	NA
Aroclor-1221	MG/KG	2.6	1.29	NA	NA	NA	NA	0.024 U	0.024 U	0.027 U	0.024 U	0.024 U	NA	NA
Aroclor-1232	MG/KG	2.6	1.29	NA	NA	NA	NA	0.048 U	0.049 U	0.054 U	0.048 U	0.049 U	NA	NA
Aroclor-1242	MG/KG	2.6	1.29	NA	NA	NA	NA	0.024 U	0.024 U	0.027 U	0.024 U	0.024 U	NA	NA
Aroclor-1248	MG/KG	2.6	1.29	NA	NA	NA	NA	0.026 U	0.027 U	0.03 U	0.026 U	0.027 U	NA	NA
Aroclor-1254	MG/KG	2.6	1.29	NA	NA	NA	NA	0.024 U	0.024 U	0.027 U	0.024 U	0.024 U	NA	NA
Aroclor-1260	MG/KG	2.6	1.29	NA	NA	NA	NA	1.3	0.024 U	0.66	0.17	0.024 U	NA	NA
Aroclor-1262	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

StationID				1H2E			1H2W	H4		H4N	H5		H5E	H5N
SampleID				HFSB-1H2E000.5	HFSB-1H2E-0_502	HFSB-1H2E-0204	HFSB-1H2W000.5	HFSB-H4-000.5	HFSB-H4-0.502	HFSB-H4N000.5	HFSB-H5-0.502	HFSB-H5-000.5	HFSB-H5E000.5	HFSB-H5N000.5
Sample Date				8/6/2010	12/15/2010	12/15/2010	8/6/2010	11/3/2009	11/3/2009	7/11/2010	11/3/2009	11/3/2009	7/9/2010	7/9/2010
Parameter		**Units**	**SCTL**											
Benzo(a)anthracene		MG/KG		0.14	0.0016	0.00094	0.0032 J	0.19 J	0.0003 J	0.29	0.00042 J	0.074 J	0.15	0.099
Benzo(a)pyrene		MG/KG		1.2	0.031	0.014	0.042 J	1.6 J	0.011 J	2.1	0.0071 J	0.72 J	1	0.79
Benzo(b)fluoranthene		MG/KG		0.19	0.0038	0.0018	0.0066	0.25 J	0.0022 J	0.4	0.0013 J	0.12 J	0.19	0.14
Benzo(k)fluoranthene		MG/KG		0.012	0.00018	0.000072	0.0004 J	0.01 J	0.000075 J	0.014	0.000043 J	0.0047 J	0.0061 J	0.005
Chrysene		MG/KG		0.0018	0.000018	0.000012	0.000053	0.0021 J	0.0000047 J	0.0023	0.000005 J	0.00088 J	0.0011	0.00088
Dibenz(a,h)anthracene		MG/KG		0.2	0.0065 J	0.0039 U	0.036 U	0.18 J	0.0065 UJ	0.53	0.007 UJ	0.12 J	0.16	0.19
Indeno(1,2,3-cd)pyrene		MG/KG		0.068	0.0019	0.00083 J	0.0044 J	0.036 J	0.0008 UJ	0.15	0.0008 UJ	0.04 J	0.05	0.056
Total BEQs				1.8118	0.044998	0.021554	0.092653	2.2681	0.0208797	3.4863	0.016668	1.07958	1.5572	1.28088
		Industrial Exposure Limit	0.7											
SCTL Industrial Failure?				YES	NO	NO	NO	YES	NO	YES	NO	YES	YES	YES
		Recreational Exposure Limit	0.35											
SCTL Recreational Failure?				YES	NO	NO	NO	YES	NO	YES	NO	YES	YES	YES

Notes:
NA Not analyzed
B The analyte was detected in the associated method and/or calibration blank.
J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
JB The analyte detected in the associated field, equipment, and/or trip blank.
U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
UJ The analyte was below the reported sample quantitation limit. However, the reported value is approximate.
mg/kg Milligrams per Kilogram

Values Bolded are analytes not detected by the Lab but are above the **SCTL [1 IND]**
Values Shaded Pale Yellow are analytes not detected by the Lab but are above the **SCTL [REC]**
Values Bolded and Shaded Pale Yellow are analytes not detected by the Lab but are above both **SCTL [1 IND]** and **SCTL [REC]**
Values Bold and Pale Blue are hits exceeding the **SCTL [1 IND]**
Values Shaded Grey are hits that exceed the **SCTL [REC]**
Values Bold and Shaded Grey are hits that exceed both **SCTL [1 IND]** and **SCTL [REC]**

1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg
SCTL [1 IND] - Soil Cleanup Target Level Industrial.
SCTL REC - Soil Cleanup Target Level Recreational.
= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison
-- = Not Available at time of rule adoption/ limit does not apply

Shading with **"YES"** indicates **Total BaP** equivalent faliure.

ParcelK

SOIL Raw Analytical Results
March 2011

TABLE A-1
Parcel K Soil Sampling

Location				I12	I1				I1N	I1W	I1E	I1J			I2			I2E		I2N	I2S
Sample ID				HFSB-1I2000.5	HFSB-I1-000_5	HFSB-I1-0_502	HFSB-I1-0_502-FD	HFSB-I1-0204	HFSB-I1N000_5	HFSB-I1W000_5	HFSB-I1E000_5	HFSB-I1J000_5	HFSB-I1J-0_502	JM22-FD2-121510	HFSB-I2-000_5	HFSB-I2-0_502	HFSB-I2-0204	HFSB-I2E000_5	HFSB-I2E-0_502	HFSB-I2N000_5	HFSB-I2S000_5
Sample Depth (ft)				0 - 0.5	0 - 0.5	0.5 - 2	0.5 - 2	2 - 4	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0.5 - 2	0.5 - 2	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	0 - 0.5	0 - 0.5
Sample Date				7/7/2010	11/3/2009	11/3/2009	11/3/2009	11/3/2009	7/7/2010	7/7/2010	7/7/2010	7/7/2010	12/15/2010	12/15/2010	11/3/2009	11/3/2009	11/3/2009	7/11/2010	12/15/2010	7/26/2010	7/8/2010
Analyte	**Units**	**SCTL [1IND]**	**SCTL [REC]**																		
PAH (MG/KG)																					
Benzo(a)anthracene	MG/KG	-	-	NA	0.073 J	0.017 J	0.062 J	0.017	0.052	0.27	0.073	NA	NA	NA	0.49 J	0.066 J	0.0038 U	0.081 J	NA	0.041	0.033
Benzo(a)pyrene	MG/KG	0.7	0.35	NA	0.13 J	0.065 J	0.31 J	0.068	0.069	0.17	0.091	NA	NA	NA	0.5 J	0.28 J	0.0052	0.12	NA	0.065	0.08
Benzo(b)fluoranthene	MG/KG	-	-	NA	0.23 J	0.13 J	0.56 J	0.12	0.14	0.32	0.17	NA	NA	NA	0.94 J	0.5 J	0.007	0.24	NA	0.17	0.16
Benzo(k)fluoranthene	MG/KG	-	-	NA	0.087 J	0.04 J	0.15 J	0.044 J	0.045	0.11	0.055 J	NA	NA	NA	0.36 J	0.14 J	0.0037 J	0.063 J	NA	0.037 J	0.046
Chrysene	MG/KG	-	-	NA	0.086 J	0.028 J	0.14 J	0.038	0.046	0.19	0.058	NA	NA	NA	0.58 J	0.14 J	0.0026 J	0.1	NA	0.11	0.059
Dibenz(a,h)anthracene	MG/KG	-	-	NA	0.066 UJ	0.015 J	0.06 J	0.028	0.023	0.043	0.025	NA	NA	NA	0.71 UJ	0.068 J	0.007 U	0.17 U	NA	0.037 J	0.03
Indeno(1,2,3-cd)pyrene	MG/KG	-	-	NA	0.051 J	0.035 J	0.26 J	0.075 J	0.056 J	0.093 J	0.078 J	NA	NA	NA	0.82 UJ	0.27 J	0.0091	0.081 J	NA	0.072 J	0.074 J
SW6010B (MG/KG)																					
Arsenic	MG/KG	12	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	MG/KG	1400	400	641	242	2.72 JB	22.4 JB	NA	NA	NA	NA	**2880**	79.3 J	53.3 J	1020	8.26 JB	NA	**30200**	25.6	**11100**	**2720**
SW8082 (MG/KG)																					
Aroclor-1262	MG/KG	2.6	1.29	NA	0.023 U	0.024 U	0.028 U	NA	0.019 U	0.097 U	0.098 U	NA	NA	NA	0.026 U	0.026 U	NA	0.026 U	NA	0.027 U	0.022 U
Aroclor-1268	MG/KG	2.6	1.29	NA	0.023 U	0.024 U	0.028 U	NA	0.019 U	0.097 U	0.098 U	NA	NA	NA	0.026 U	0.026 U	NA	0.026 U	NA	0.027 U	0.022 U
Aroclor-1016	MG/KG	2.6	1.29	NA	0.046 U	0.048 U	0.056 U	NA	0.038 U	0.19 U	0.2 U	NA	NA	NA	0.051 U	0.052 U	NA	0.052 U	NA	0.054 U	0.044 U
Aroclor-1221	MG/KG	2.6	1.29	NA	0.023 U	0.024 U	0.028 U	NA	0.019 U	0.097 U	0.098 U	NA	NA	NA	0.026 U	0.026 U	NA	0.026 U	NA	0.027 U	0.022 U
Aroclor-1232	MG/KG	2.6	1.29	NA	0.026 U	0.026 U	0.031 U	NA	0.021 U	0.11 U	0.11 U	NA	NA	NA	0.028 U	0.029 U	NA	0.029 U	NA	0.03 U	0.024 U
Aroclor-1242	MG/KG	2.6	1.29	NA	0.023 U	0.024 U	0.028 U	NA	0.019 U	0.097 U	0.098 U	NA	NA	NA	0.026 U	0.026 U	NA	0.026 U	NA	0.027 U	0.022 U
Aroclor-1248	MG/KG	2.6	1.29	NA	**2.9**	0.024 U	0.028 U	NA	0.26	1.7	1.4	NA	NA	NA	2.4	0.026 U	NA	0.094	NA	0.21	0.048
Aroclor-1254	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

StationID					I1				I1N	I1W	I1E				I2			I2E		I2N	I2S
SampleID					HFSB-I1-000.5	HFSB-I1-0.502	HFSB-I1-0.502-FD	HFSB-I1-0204	HFSB-I1N000.5	HFSB-I1W000.5	HFSB-I1E000.5				HFSB-I2-000.5	HFSB-I2-0.502	HFSB-I2-0204	HFSB-I2E000.5		HFSB-I2N000.5	HFSB-I2S000.5
Sample Date					11/3/2009	11/3/2009	11/3/2009	11/3/2009	7/7/2010	7/7/2010	7/7/2010				11/3/2009	11/3/2009	11/3/2009	7/11/2010		7/26/2010	7/8/2010
Parameter		**Units**	**SCTL**																		
Benzo(a)anthracene		MG/KG			0.0073 J	0.0017 J	0.0062 J	0.0017	0.0052	0.027	0.0073				0.049 J	0.0066 J	0.00019 U	0.0081 J		0.0041	0.0033
Benzo(a)pyrene		MG/KG			0.13 J	0.065 J	0.31 J	0.068	0.069	0.17	0.091				0.5 J	0.28 J	0.0052	0.12		0.065	0.08
Benzo(b)fluoranthene		MG/KG			0.023 J	0.013 J	0.056 J	0.012	0.014	0.032	0.017				0.094 J	0.05 J	0.0007	0.024		0.017	0.016
Benzo(k)fluoranthene		MG/KG			0.00087 J	0.0004 J	0.0015 J	0.00044 J	0.00045	0.0011	0.00055 J				0.0036 J	0.0014 J	0.000037 J	0.00063 J		0.00037 J	0.00046
Chrysene		MG/KG			0.000086 J	0.000028 J	0.00014 J	0.000038	0.000046	0.00019	0.000058				0.00058 J	0.00014 J	0.0000026 J	0.0001		0.00011	0.000059
Dibenz(a,h)anthracene		MG/KG			0.033 UJ	0.015 J	0.06 J	0.028	0.023	0.043	0.025				0.355 UJ	0.068 J	0.0035 U	0.085 U		0.037 J	0.03
Indeno(1,2,3-cd)pyrene		MG/KG			0.0051 J	0.0035 J	0.026 J	0.0075 J	0.0056 J	0.0093 J	0.0078 J				0.041 UJ	0.027 J	0.00091	0.0081 J		0.0072 J	0.0074 J
Total BEQs					0.199356	0.098628	0.45984	0.117678	0.117296	0.28259	0.148708				1.04318	0.43314	0.0105396	0.24593		0.13078	0.137219
		Industrial Exposure Lim	0.7																		
SCTL Industrial Failure?					NO	NO	NO	NO	NO	NO	NO				YES	NO	NO	NO		NO	NO
		Recreational Exposure	0.35																		
SCTL Recreational Failure?					NO	NO	YES	NO	NO	NO	NO				YES	YES	NO	NO		NO	NO

Notes:

NA Not analyzed

B The analyte was detected in the associated method and/or calibration blank.

J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.

JB The analyte detected in the associated field, equipment, and/or trip blank.

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mg/kg Milligrams per Kilogram

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Values Bolded and Shaded Pale Yellow are analytes not detected by the Lab but are above both **SCTL [1 IND]** and **SCTL [REC]**

Values Bold and Pale Blue are hits exceeding the **SCTL [1 IND]**

Values Shaded Grey are hits that exceed the **SCTL [REC]**

Values Bold and Shaded Grey are hits that exceed both **SCTL [1 IND]** and **SCTL [REC]**

1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg

SCTL [1 IND] - Soil Cleanup Target Level Industrial.

SCTL REC - Soil Cleanup Target Level Recreational.

= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison

-- = Not Available at time of rule adoption/ limit does not apply

Shading with **"YES"** indicates **Total BaP** equivalent faliure.

]

ParcelK

SOIL Raw Analytical Results
March 2011

TABLE A-1
Parcel K Soil Sampling

Location				I2W		2I3				I3			I4		I4NE			I4NW	I4SE		
Sample ID				HFSB-I2W000_5	HFSB-FD6072610	HFSB-2I3000.5	HFSB-2I3-0.502	HFSB-2I3-0204	HFSB-2I3-0406	HFSB-I3-000_5	HFSB-I3-0_502	HFSB-I3-0204	HFSB-I4-000_5	HFSB-I4-0_502	HFSB-I4NE000_5	HFSB-I4NE0_502	HFSB-I4NE-0204	HFSB-I4NW0_502	HFSB-I4SE000_5	HFSB-I4SE-0_502	HFSB-I4SE-0204
Sample Depth (ft)				0 - 0.5	0 - 0.5	0 - 0.5	0.5 - 2	2 - 4	4 - 6	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	0 - 0.5	0.5 - 2	2 - 4	0.5 - 2	0 - 0.5	0.5 - 2	2 - 4
Sample Date				7/26/2010	7/26/2010	7/26/2010	12/15/2010	12/15/2010	12/15/2010	11/3/2009	11/3/2009	11/3/2009	11/3/2009	11/3/2009	7/9/2010	7/9/2010	12/15/2010	7/9/2010	7/11/2010	12/15/2010	12/15/2010
Analyte	**Units**	**SCTL [1IND]**	**SCTL [REC]**																		
PAH (MG/KG)																					
Benzo(a)anthracene	MG/KG	-	-	0.098	0.13	0.82	1	1.2	0.004 J	0.3 J	0.096 J	0.013	1.1	0.0054 J	3.4	1.2	0.0068	0.058	6.3	4	0.0048
Benzo(a)pyrene	MG/KG	0.7	0.35	0.14	0.18	**0.92**	**1.1**	0.62	0.0054 J	0.35 J	0.1 J	0.029	**0.94**	0.0089 J	**2.1**	**0.81**	0.016	0.064	**3.9**	**3.4**	0.018
Benzo(b)fluoranthene	MG/KG	-	-	0.3 J	0.45 J	1.8	1.3	0.8	0.0067 J	0.58 J	0.17 J	0.04	1.7	0.016 J	4.1	1.4	0.025	0.14	7.6	3.8	0.023
Benzo(k)fluoranthene	MG/KG	-	-	0.093 J	0.18 J	0.67	0.54	0.34	0.0035 J	0.23 J	0.062 J	0.017	0.53 J	0.0064 J	1.4	0.34	0.011	0.054	3.2	1.4 J	0.01
Chrysene	MG/KG	-	-	0.16	0.17	1.3	0.74	0.97	0.0052 J	0.34 J	0.11 J	0.02	1.2	0.0075 J	2.5	1.1	0.011	0.063	4.2	3.2	0.0067
Dibenz(a,h)anthracene	MG/KG	-	-	0.079 U	0.034 J	0.7 U	0.19	0.35 U	0.0084 U	0.32 UJ	0.014 J	0.01	0.16	0.0067 UJ	0.55	0.12	0.0041 J	0.029	0.76 J	0.43	0.0033 J
Indeno(1,2,3-cd)pyrene	MG/KG	-	-	0.087 J	0.12 J	0.57 J	0.65	0.25	0.0043 J	0.15 J	0.039 J	0.03 J	0.58 J	0.0048 J	1.4	0.39	0.012	0.054 J	2.5	1.7 J	0.012
SW6010B (MG/KG)																					
Arsenic	MG/KG	12	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	MG/KG	1400	400	318 J	154 J	66.7	NA	NA	NA	37.5	3.07 JB	NA	58 J	6.85 JB	NA	144	NA	88	NA	NA	NA
SW8082 (MG/KG)																					
Aroclor-1262	MG/KG	2.6	1.29	0.061 U	0.056 U	0.026 U	NA	NA	NA	0.023 U	0.025 U	NA	0.025 U	0.024 U	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	MG/KG	2.6	1.29	0.061 U	0.056 U	0.026 U	NA	NA	NA	0.023 U	0.025 U	NA	0.025 U	0.024 U	NA	NA	NA	NA	NA	NA	NA
Aroclor-1016	MG/KG	2.6	1.29	0.12 U	0.11 U	0.052 U	NA	NA	NA	0.047 U	0.05 U	NA	0.049 U	0.048 U	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221	MG/KG	2.6	1.29	0.061 U	0.056 U	0.026 U	NA	NA	NA	0.023 U	0.025 U	NA	0.025 U	0.024 U	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	MG/KG	2.6	1.29	0.067 U	0.062 U	0.029 U	NA	NA	NA	0.026 U	0.027 U	NA	0.027 U	0.026 U	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	MG/KG	2.6	1.29	0.061 U	0.056 U	0.026 U	NA	NA	NA	0.023 U	0.025 U	NA	0.025 U	0.024 U	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	MG/KG	2.6	1.29	0.82	0.83	0.26	NA	NA	NA	0.57	0.025 U	NA	0.12 B	0.024 U	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

StationID				I2W		2I3				I3			I4		I4NE			I4NW	I4SE		
SampleID				HFSB-I2W000.5	HFSB-FD6072610	HFSB-2I3000.5	HFSB-2I3-0_502	HFSB-2I3-0204	HFSB-2I3-0406	HFSB-I3-000.5	HFSB-I3-0.502	HFSB-I3-0204	HFSB-I4-000.5	HFSB-I4-0.502	HFSB-I4NE000.5	HFSB-I4NE0.502	HFSB-I4NE-0204	HFSB-I4NW0.502	HFSB-I4SE000.5	HFSB-I4SE-0_502	HFSB-I4SE-0204
Sample Date				7/26/2010	7/26/2010	7/26/2010	12/15/2010	12/15/2010	12/15/2010	11/3/2009	11/3/2009	11/3/2009	11/3/2009	11/3/2009	7/9/2010	7/9/2010	12/15/2010	7/9/2010	7/11/2010	12/15/2010	12/15/2010
Parameter		**Units**	**SCTL**																		
Benzo(a)anthracene		MG/KG		0.0098	0.013	0.082	0.1	0.12	0.0004 J	0.03 J	0.0096 J	0.0013	0.11	0.00054 J	0.34	0.12	0.00068	0.0058	0.63	0.4	0.00048
Benzo(a)pyrene		MG/KG		0.14	0.18	0.92	1.1	0.62	0.0054 J	0.35 J	0.1 J	0.029	0.94	0.0089 J	2.1	0.81	0.016	0.064	3.9	3.4	0.018
Benzo(b)fluoranthene		MG/KG		0.03 J	0.045 J	0.18	0.13	0.08	0.00067 J	0.058 J	0.017 J	0.004	0.17	0.0016 J	0.41	0.14	0.0025	0.014	0.76	0.38	0.0023
Benzo(k)fluoranthene		MG/KG		0.00093 J	0.0018 J	0.0067	0.0054	0.0034	0.000035 J	0.0023 J	0.00062 J	0.00017	0.0053 J	0.000064 J	0.014	0.0034	0.00011	0.00054	0.032	0.014 J	0.0001
Chrysene		MG/KG		0.00016	0.00017	0.0013	0.00074	0.00097	0.0000052 J	0.00034 J	0.00011 J	0.00002	0.0012	0.0000075 J	0.0025	0.0011	0.000011	0.000063	0.0042	0.0032	0.0000067
Dibenz(a,h)anthracene		MG/KG		0.0395 U	0.034 J	0.35 U	0.19	0.11	0.0042 U	0.16 UJ	0.014 J	0.01	0.16	0.00335 UJ	0.55	0.12	0.0041 J	0.029	0.76 J	0.43	0.0033 J
Indeno(1,2,3-cd)pyrene		MG/KG		0.0087 J	0.012 J	0.057 J	0.065	0.025	0.00043 J	0.015 J	0.0039 J	0.003 J	0.058 J	0.00048 J	0.14	0.039	0.0012	0.0054 J	0.25	0.17 J	0.0012
Total BEQs				0.22909	0.28597	1.597	1.59114	0.95937	0.0111402	0.61564	0.14523	0.04749	1.4445	0.0149415	3.5565	1.2335	0.024601	0.118803	6.3362	4.7972	0.0253867
		Industrial Exposure Lim	0.7																		
SCTL Industrial Failure?				NO	NO	YES	YES	YES	NO	NO	NO	NO	YES	NO	YES	YES	NO	NO	YES	YES	NO
		Recreational Exposure	0.35																		
SCTL Recreational Failure?				NO	NO	YES	YES	YES	NO	YES	NO	NO	YES	NO	YES	YES	NO	NO	YES	YES	NO

Notes:

NA Not analyzed

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= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison

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Shading with **"YES"** indicates **Total BaP** equivalent faliure.

]

SOIL Raw Analytical Results
March 2011

TABLE A-1
Parcel K Soil Sampling

Location				I4SW	I5			I5E			I5N	I5W	J1					J1N	JIE		JIW
Sample ID				HFSB-I4SW000_5	HFSB-I5-000_5	HFSB-I5-0_502	HFSB-I5-0204	HFSB-I5E000_5	HFSB-I5E0_502	HFSB-FD5071110	HFSB-I5N000_5	HFSB-I5W0_502	HFSB-J1-000_5	HFSB-J1-0_502	HFSB-J1-0204	HFSB-J1-0406	JM22-FD1-121510	HFSB-J1N000_5	HFSB-JIE000_5	HFSB-J1E-0_502	HFSB-JIW000_5
Sample Depth (ft)				0 - 0.5	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	0.5 - 2	0 - 0.5	0.5 - 2	0 - 0.5	0.5 - 2	2 - 4	4 - 6	4 - 6	0 - 0.5	0 - 0.5	0.5 - 2	0 - 0.5
Sample Date				7/9/2010	11/3/2009	11/3/2009	11/3/2009	8/6/2010	7/11/2010	7/11/2010	7/9/2010	7/9/2010	11/3/2009	11/3/2009	11/3/2009	12/15/2010	12/15/2010	7/26/2010	7/7/2010	12/15/2010	7/7/2010
Analyte	Units	SCTL [1IND]	SCTL [REC]																		
PAH (MG/KG)																					
Benzo(a)anthracene	MG/KG	-	-	0.74	13.2	0.25	0.021	5.9	0.084 J	0.045 J	7.4	0.0091	0.26	0.014	0.2	0.16	0.15	0.02 J	0.16 J	NA	0.056
Benzo(a)pyrene	MG/KG	0.7	0.35	**0.73**	**9.7**	0.21	0.03	**5.4**	0.099 J	0.056 J	**3.8**	0.016	0.19	0.082	**1.2**	0.17	0.15	0.021 J	0.13 J	NA	0.076
Benzo(b)fluoranthene	MG/KG	-	-	1.3	15.8	0.35	0.053	7.7	0.16 J	0.086 J	8	0.029	0.32	0.15	1.7	0.25 J	0.21	0.041 J	0.23 J	NA	0.1
Benzo(k)fluoranthene	MG/KG	-	-	0.32	4.8	0.11	0.025	4.6	0.044 J	0.036 J	2.2	0.0071 J	0.11	0.038	0.33	0.11	0.11	0.018 J	0.08 J	NA	0.045 J
Chrysene	MG/KG	-	-	0.6	13.6	0.29	0.033	7.8	0.071 J	0.04 J	4.6	0.008	0.18	0.029	0.49	0.12	0.12	0.02 J	0.14 J	NA	0.064
Dibenz(a,h)anthracene	MG/KG	-	-	0.12 J	1.7	0.06	0.012	0.72	0.086 U	0.086 U	0.6 J	0.004 J	0.034 J	0.022	0.56	0.036	0.021 J	0.064 U	0.022	NA	0.082 U
Indeno(1,2,3-cd)pyrene	MG/KG	-	-	0.34	5.1	0.12 J	0.028 J	3.5 J	0.062 J	0.054 J	1.8	0.011	0.098	0.089	2.1	0.098	0.08	0.074 U	0.08 J	NA	0.057 J
SW6010B (MG/KG)																					
Arsenic	MG/KG	12	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	MG/KG	1400	400	NA	369	8.46 JB	NA	NA	80	69.6	NA	16.3	631	8.12 JB	NA	NA	NA	**3420**	**11100**	43.2	**2810 J**
SW8082 (MG/KG)																					
Aroclor-1262	MG/KG	2.6	1.29	NA	0.024 U	0.024 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	MG/KG	2.6	1.29	NA	0.024 U	0.024 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1016	MG/KG	2.6	1.29	NA	0.048 U	0.048 U	NA	NA	NA	NA	NA	NA	0.024 U	0.025 U	NA	NA	NA	0.025 U	0.097 U	NA	0.038 U
Aroclor-1221	MG/KG	2.6	1.29	NA	0.024 U	0.024 U	NA	NA	NA	NA	NA	NA	0.024 U	0.025 U	NA	NA	NA	0.025 U	0.097 U	NA	0.038 U
Aroclor-1232	MG/KG	2.6	1.29	NA	0.027 U	0.027 U	NA	NA	NA	NA	NA	NA	0.048 U	0.05 U	NA	NA	NA	0.05 U	0.19 U	NA	0.077 U
Aroclor-1242	MG/KG	2.6	1.29	NA	0.024 U	0.024 U	NA	NA	NA	NA	NA	NA	0.024 U	0.025 U	NA	NA	NA	0.025 U	0.097 U	NA	0.038 U
Aroclor-1248	MG/KG	2.6	1.29	NA	0.0088 B	0.024 U	NA	NA	NA	NA	NA	NA	0.026 U	0.027 U	NA	NA	NA	0.028 U	0.11 U	NA	0.042 U
Aroclor-1254	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.024 U	0.025 U	NA	NA	NA	0.025 U	0.097 U	NA	0.038 U
Aroclor-1260	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	**8.3 B**	0.069 B	NA	NA	NA	0.43	1.2	NA	1.1

StationID				I4SW	I5			I5E			I5N	I5W	J1					J1N	JIE		JIW
SampleID				HFSB-I4SW000.5	HFSB-I5-0.502	HFSB-I5-000.5	HFSB-I5-0204	HFSB-I5E0.502	HFSB-I5E000.5	HFSB-FD5071110	HFSB-I5N000.5	HFSB-I5W0.502	HFSB-J1-000.5	HFSB-J1-0.502	HFSB-J1-0204	HFSB-J1-0406	JM22-FD1-121510	HFSB-J1N000.5	HFSB-JIE000.5		HFSB-JIW000.5
Sample Date				7/9/2010	11/3/2009	11/3/2009	11/3/2009	7/11/2010	8/6/2010	7/11/2010	7/9/2010	7/9/2010	11/3/2009	11/3/2009	11/3/2009	12/15/2010	12/15/2010	7/26/2010	7/7/2010		7/7/2010
Parameter		Units	SCTL																		
Benzo(a)anthracene		MG/KG		0.074	0.025	1.32	0.0021	0.0084 J	0.59	0.0045 J	0.74	0.00091	0.026	0.0014	0.02	0.016	0.015	0.002 J	0.016 J		0.0056
Benzo(a)pyrene		MG/KG		0.73	0.21	9.7	0.03	0.099 J	5.4	0.056 J	3.8	0.016	0.19	0.082	1.2	0.17	0.15	0.021 J	0.13 J		0.076
Benzo(b)fluoranthene		MG/KG		0.13	0.035	1.58	0.0053	0.016 J	0.77	0.0086 J	0.8	0.0029	0.032	0.015	0.17	0.025 J	0.021	0.0041 J	0.023 J		0.01
Benzo(k)fluoranthene		MG/KG		0.0032	0.0011	0.048	0.00025	0.00044 J	0.046	0.00036 J	0.022	0.000071 J	0.0011	0.00038	0.0033	0.0011	0.0011	0.00018 J	0.0008 J		0.00045 J
Chrysene		MG/KG		0.0006	0.00029	0.0136	0.000033	0.000071 J	0.0078	0.00004 J	0.0046	0.000008	0.00018	0.000029	0.00049	0.00012	0.00012	0.00002 J	0.00014 J		0.000064
Dibenz(a,h)anthracene		MG/KG		0.12 J	0.06	1.7	0.012	0.043 U	0.72	0.043 U	0.58	0.004 J	0.034 J	0.022	0.56	0.036	0.021 J	0.032 U	0.022		0.041 U
Indeno(1,2,3-cd)pyrene		MG/KG		0.034	0.012 J	0.51	0.0028 J	0.0062 J	0.35 J	0.0054 J	0.18	0.0011	0.0098	0.0089	0.21	0.0098	0.008	0.0037 U	0.008 J		0.0057 J
Total BEQs				1.0918	0.34339	14.8716	0.052483	0.173111	7.8838	0.1179	6.1266	0.024989	0.29308	0.129709	2.16379	0.25802	0.21622	0.063	0.19994		0.138814
		Industrial Exposure Lim	0.7																		
SCTL Industrial Failure?				YES	NO	YES	NO	NO	YES	NO	YES	NO	NO	NO	YES	NO	NO	NO	NO		NO
		Recreational Exposure	0.35																		
SCTL Recreational Failure?				YES	NO	YES	NO	NO	YES	NO	YES	NO	NO	NO	YES	NO	NO	NO	NO		NO

Notes:

NA Not analyzed

B The analyte was detected in the associated method and/or calibration blank.

J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.

JB The analyte detected in the associated field, equipment, and/or trip blank.

U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

UJ The analyte was below the reported sample quantitation limit. However, the reported value is approximate.

mg/kg Milligrams per Kilogram

Values Bolded are analytes not detected by the Lab but are above the **SCTL [1 IND]**

Values Shaded Pale Yellow are analytes not detected by the Lab but are above the **SCTL [REC]**

Values Bolded and Shaded Pale Yellow are analytes not detected by the Lab but are above both **SCTL [1 IND]** and **SCTL [REC]**

Values Bold and Pale Blue are hits exceeding the **SCTL [1 IND]**

Values Shaded Grey are hits that exceed the **SCTL [REC]**

Values Bold and Shaded Grey are hits that exceed both **SCTL [1 IND]** and **SCTL [REC]**

1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg

SCTL [1 IND] - Soil Cleanup Target Level Industrial.

SCTL REC - Soil Cleanup Target Level Recreational.

= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison

-- = Not Available at time of rule adoption/ limit does not apply

Shading with **"YES"** indicates **Total BaP** equivalent faliure.

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ParcelK

SOIL Raw Analytical Results
March 2011

TABLE A-1
Parcel K Soil Sampling

Location				1J2	J2			J2N	J2S	J2W	2J2W		J3			J3N	2J3			J4	
Sample ID				HFSB-1J2000_5	HFSB-J2-000_5	HFSB-J2-0_502	HFSB-J2-0204	HFSB-J2N000_5	HFSB-J2S000_5	HFSB-J2W000_5	HFSB-2J2W	HFSB-FD1070710	HFSB-J3-000_5	HFSB-J3-000_5-FD	HFSB-J3-0_502	HFSB-J3N000_5	HFSB-2J3000.5	HFSB-2J3-0.502	HFSB-2J3-0204	HFSB-J4-000_5	HFSB-J4-0_502
Sample Depth (ft)				0 - 0.5	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0.5 - 2	0 - 0.5	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2
Sample Date				7/7/2010	11/3/2009	11/3/2009	11/3/2009	7/7/2010	7/7/2010	7/26/2010	7/7/2010	7/7/2010	11/3/2009	11/3/2009	11/3/2009	8/6/2010	7/7/2010	12/15/2010	12/15/2010	11/3/2009	11/3/2009
Analyte	**Units**	**SCTL [1IND]**	**SCTL [REC]**																		
PAH (MG/KG)																					
Benzo(a)anthracene	MG/KG	-	-	NA	0.27	0.088	0.0046	0.36	0.061 J	NA	0.038 J	0.032 J	0.19	0.18	0.017	0.5	0.51	1.4	0.016	0.27	0.018
Benzo(a)pyrene	MG/KG	0.7	0.35	NA	0.29	0.3	0.02	0.39	0.077 J	NA	0.071	0.057 J	0.26	0.22	0.025	0.7	**2.6**	**3.5**	0.036	0.21	0.019
Benzo(b)fluoranthene	MG/KG	-	-	NA	0.44	0.45	0.03	0.51	0.1 J	NA	0.19	0.15	0.39	0.34	0.044	0.97	5	6.1	0.058 J	0.33	0.031
Benzo(k)fluoranthene	MG/KG	-	-	NA	0.13	0.14	0.0099	0.18	0.037	NA	0.062 J	0.049 J	0.14 J	0.1 J	0.013	0.48	1.5	1.7	0.024	0.11	0.0091
Chrysene	MG/KG	-	-	NA	0.3	0.14	0.012	0.28	0.056 J	NA	0.099	0.077	0.23	0.19	0.019	0.83	1.4	1.9	0.023	0.28	0.017
Dibenz(a,h)anthracene	MG/KG	-	-	NA	0.049 J	0.061	0.01	0.05 J	0.016	NA	0.084 U	0.084 U	0.053 J	0.058 J	0.0097	0.11	0.47	0.52	0.009	0.044 J	0.0061 J
Indeno(1,2,3-cd)pyrene	MG/KG	-	-	NA	0.12 J	0.18	0.042	0.15	0.047	NA	0.043 J	0.043 J	0.13 J	0.22 J	0.033	0.4	2.1	1.5	0.029	0.14	0.018
SW6010B (MG/KG)																					
Arsenic	MG/KG	12	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	MG/KG	1400	400	**4330 J**	214	36.5 JB	NA	NA	NA	**9930**	**2750 J**	**5700 J**	101	127	6.76 JB	NA	NA	NA	NA	7.67	15.6 JB
SW8082 (MG/KG)																					
Aroclor-1262	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1016	MG/KG	2.6	1.29	NA	0.024 U	0.024 U	NA	NA	NA	NA	NA	NA	0.024 U	0.024 U	0.024 U	NA	NA	NA	NA	0.025 U	0.024 U
Aroclor-1221	MG/KG	2.6	1.29	NA	0.024 U	0.024 U	NA	NA	NA	NA	NA	NA	0.024 U	0.024 U	0.024 U	NA	NA	NA	NA	0.025 U	0.024 U
Aroclor-1232	MG/KG	2.6	1.29	NA	0.049 U	0.048 U	NA	NA	NA	NA	NA	NA	0.048 U	0.049 U	0.047 U	NA	NA	NA	NA	0.05 U	0.049 U
Aroclor-1242	MG/KG	2.6	1.29	NA	0.024 U	0.024 U	NA	NA	NA	NA	NA	NA	0.024 U	0.024 U	0.024 U	NA	NA	NA	NA	0.025 U	0.024 U
Aroclor-1248	MG/KG	2.6	1.29	NA	0.027 U	0.026 U	NA	NA	NA	NA	NA	NA	0.026 U	0.027 U	0.026 U	NA	NA	NA	NA	0.028 U	0.027 U
Aroclor-1254	MG/KG	2.6	1.29	NA	0.024 U	0.024 U	NA	NA	NA	NA	NA	NA	0.024 U	0.024 U	0.024 U	NA	NA	NA	NA	0.025 U	0.024 U
Aroclor-1260	MG/KG	2.6	1.29	NA	0.1 B	0.01 B	NA	NA	NA	NA	NA	NA	0.057 JB	0.14 JB	0.014 B	NA	NA	NA	NA	0.014 B	0.024 U

StationID					J2			J2N	J2S		2J2W		J3			J3N	2J3			J4	
SampleID					HFSB-J2-000.5	HFSB-J2-0.502	HFSB-J2-0204	HFSB-J2N000.5	HFSB-J2S000.5		HFSB-2J2W	HFSB-FD1070710	HFSB-J3-000.5	HFSB-J3-000.5-FD	HFSB-J3-0.502	HFSB-J3N000.5	HFSB-2J3000.5	HFSB-2J3-0_502	HFSB-2J3-0204	HFSB-J4-000.5	HFSB-J4-0.502
Sample Date					11/3/2009	11/3/2009	11/3/2009	7/7/2010	7/7/2010		7/7/2010	7/7/2010	11/3/2009	11/3/2009	11/3/2009	8/6/2010	7/7/2010	12/15/2010	12/15/2010	11/3/2009	11/3/2009
Parameter		**Units**	**SCTL**																		
Benzo(a)anthracene		MG/KG			0.027	0.0088	0.00046	0.036	0.0061 J		0.0038 J	0.0032 J	0.019	0.018	0.0017	0.05	0.051	0.14	0.0016	0.027	0.0018
Benzo(a)pyrene		MG/KG			0.29	0.3	0.02	0.39	0.077 J		0.071	0.057 J	0.26	0.22	0.025	0.7	2.6	3.5	0.036	0.21	0.019
Benzo(b)fluoranthene		MG/KG			0.044	0.045	0.003	0.051	0.01 J		0.019	0.015	0.039	0.034	0.0044	0.097	0.5	0.61	0.0058 J	0.033	0.0031
Benzo(k)fluoranthene		MG/KG			0.0013	0.0014	0.000099	0.0018	0.00037		0.00062 J	0.00049 J	0.0014 J	0.001 J	0.00013	0.0048	0.015	0.017	0.00024	0.0011	0.000091
Chrysene		MG/KG			0.0003	0.00014	0.000012	0.00028	0.000056 J		0.000099	0.000077	0.00023	0.00019	0.000019	0.00083	0.0014	0.0019	0.000023	0.00028	0.000017
Dibenz(a,h)anthracene		MG/KG			0.049 J	0.061	0.01	0.05 J	0.016		0.042 U	0.042 U	0.053 J	0.058 J	0.0097	0.11	0.47	0.52	0.009	0.044 J	0.0061 J
Indeno(1,2,3-cd)pyrene		MG/KG			0.012 J	0.018	0.0042	0.015	0.0047		0.0043 J	0.0043 J	0.013 J	0.022 J	0.0033	0.04	0.21	0.15	0.0029	0.014	0.0018
Total BEQs					0.4236	0.43434	0.037771	0.54408	0.114226		0.140819	0.122067	0.38563	0.35319	0.044249	1.00263	3.8474	4.9389	0.055563	0.32938	0.031908
		Industrial Exposure Lim	0.7																		
SCTL Industrial Failure?					NO	NO	NO	NO	NO		NO	NO	NO	NO	NO	YES	YES	YES	NO	NO	NO
		Recreational Exposure	0.35																		
SCTL Recreational Failure?					YES	YES	NO	YES	NO		NO	NO	YES	YES	NO	YES	YES	YES	NO	NO	NO

Notes:

NA Not analyzed

B The analyte was detected in the associated method and/or calibration blank.

J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.

JB The analyte detected in the associated field, equipment, and/or trip blank.

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mg/kg Milligrams per Kilogram

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Values Bolded and Shaded Pale Yellow are analytes not detected by the Lab but are above both **SCTL [1 IND]** and **SCTL [REC]**

Values Bold and Pale Blue are hits exceeding the **SCTL [1 IND]**

Values Shaded Grey are hits that exceed the **SCTL [REC]**

Values Bold and Shaded Grey are hits that exceed both **SCTL [1 IND]** and **SCTL [REC]**

1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg

SCTL [1 IND] - Soil Cleanup Target Level Industrial.

SCTL REC - Soil Cleanup Target Level Recreational.

= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison

-- = Not Available at time of rule adoption/ limit does not apply

Shading with **"YES"** indicates **Total BaP** equivalent faliure.

]

ParcelK

SOIL Raw Analytical Results
March 2011

TABLE A-1
Parcel K Soil Sampling

Location				J5		J5N	ROW-J1				Road-1				Road-2		Road-3	
Sample ID				HFSB-J5-000_5	HFSB-J5-0_502	HFSB-J5N000_5	HFSB-ROW-J1-000_5	HFSB-ROW-J1-0_502	HFSB-ROW-J1-0204	HFSB-ROW-J1-0406	HFSB-Road-1-000_5	HFSB-Road-1-0_502	JM22-FD6-121610	HFSB-Road-1-0204	HFSB-Road-2-000_5	HFSB-Road-2-0_502	HFSB-Road-3-000_5	HFSB-Road-3-0_502
Sample Depth (ft)				0 - 0.5	0.5 - 2	0 - 0.5	0 - 0.5	0.5 - 2	2 - 4	4 - 6	0 - 0.5	0.5 - 2	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	0 - 0.5	0.5 - 2
Sample Date				11/3/2009	11/3/2009	8/6/2010	12/15/2010	12/15/2010	12/15/2010	12/15/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010
Analyte	**Units**	**SCTL [1IND]**	**SCTL [REC]**															
PAH (MG/KG)																		
Benzo(a)anthracene	MG/KG	-	-	0.66	0.0062	0.77	0.53	0.12	0.028 J	0.019	2.2	0.0083	10 J	0.0029 J	0.38 J	0.017 J	0.051	0.0081 J
Benzo(a)pyrene	MG/KG	0.7	0.35	0.58	0.012	**0.98**	0.68	0.19	0.17	0.028	**2.1**	0.03	**8.8**	0.015 J	0.37 J	0.051	0.063	0.035
Benzo(b)fluoranthene	MG/KG	-	-	1.1	0.02	1.7	0.8	0.19	0.28 J	0.046	2.4	0.04	9.9	0.017	0.38 J	0.056	0.091	0.048 J
Benzo(k)fluoranthene	MG/KG	-	-	0.39	0.0062	0.96	0.4	0.093	0.084	0.021	1.4	0.019	4.1	0.0086	0.19 J	0.034 J	0.035	0.026
Chrysene	MG/KG	-	-	0.57	0.0068	1.2	0.45	0.13	0.063	0.021	2.1	0.011	8.4	0.0043	0.36 J	0.021 J	0.076	0.011
Dibenz(a,h)anthracene	MG/KG	-	-	0.095 J	0.0033 J	0.16	0.35 U	0.027 J	0.028 J	0.011	0.34 J	0.0073	1.5	0.004 J	0.057 J	0.068 U	0.033 U	0.011
Indeno(1,2,3-cd)pyrene	MG/KG	-	-	0.33	0.013	0.7 J	0.32 J	0.078	0.12	0.024	1.1	0.025	5.2 J	0.012	0.19 J	0.033 J	0.026 J	0.032
SW6010B (MG/KG)																		
Arsenic	MG/KG	12	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	MG/KG	1400	400	104	8.81 JB	NA	262	296	NA	NA	27.4	8.43	8.34 J	NA	49.2	14	53.7	22.8
SW8082 (MG/KG)																		
Aroclor-1262	MG/KG	2.6	1.29	NA	NA	NA	0.027 U	0.025 U	NA	NA	0.026 U	0.027 U	0.026 U	NA	0.025 U	0.026 U	0.025 U	0.026 U
Aroclor-1268	MG/KG	2.6	1.29	NA	NA	NA	0.027 U	0.025 U	NA	NA	0.026 U	0.027 U	0.026 U	NA	0.025 U	0.026 U	0.025 U	0.026 U
Aroclor-1016	MG/KG	2.6	1.29	0.025 U	0.025 U	NA	0.053 U	0.051 U	NA	NA	0.053 U	0.054 U	0.053 U	NA	0.05 U	0.052 U	0.05 U	0.052 U
Aroclor-1221	MG/KG	2.6	1.29	0.025 U	0.025 U	NA	0.027 U	0.025 U	NA	NA	0.026 U	0.027 U	0.026 U	NA	0.025 U	0.026 U	0.025 U	0.026 U
Aroclor-1232	MG/KG	2.6	1.29	0.049 U	0.049 U	NA	0.029 U	0.028 U	NA	NA	0.029 U	0.03 U	0.029 U	NA	0.028 U	0.029 U	0.028 U	0.029 U
Aroclor-1242	MG/KG	2.6	1.29	0.025 U	0.025 U	NA	0.027 U	0.025 U	NA	NA	0.026 U	0.027 U	0.026 U	NA	0.025 U	0.026 U	0.025 U	0.026 U
Aroclor-1248	MG/KG	2.6	1.29	0.027 U	0.027 U	NA	0.59 B	0.18 B	NA	NA	0.33 B	0.049 JB	0.018 J	NA	2 B	0.19 B	**4 B**	0.098 B
Aroclor-1254	MG/KG	2.6	1.29	0.025 U	0.025 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	MG/KG	2.6	1.29	0.092 B	0.025 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

StationID				J5		J5N	ROW-J1				Road-1				Road-2		Road-3	
SampleID				HFSB-J5-000.5	HFSB-J5-0.502	HFSB-J5N000.5	HFSB-ROW-J1-000_5	HFSB-ROW-J1-0_502	HFSB-ROW-J1-0204	HFSB-ROW-J1-0406	HFSB-Road-1-000_5	HFSB-Road-1-0_502	JM22-FD6-121610	HFSB-Road-1-0204	HFSB-Road-2-000_5	HFSB-Road-2-0_502	HFSB-Road-3-000_5	HFSB-Road-3-0_502
Sample Date				11/3/2009	11/3/2009	8/6/2010	12/15/2010	12/15/2010	12/15/2010	12/15/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010
Parameter		**Units**	**SCTL**															
Benzo(a)anthracene		MG/KG		0.066	0.00062	0.077	0.053	0.012	0.0028 J	0.0019	0.22	0.00083	1 J	0.00029 J	0.038 J	0.0017 J	0.0051	0.00081 J
Benzo(a)pyrene		MG/KG		0.58	0.012	0.98	0.68	0.19	0.17	0.028	2.1	0.03	8.8	0.015 J	0.37 J	0.051	0.063	0.035
Benzo(b)fluoranthene		MG/KG		0.11	0.002	0.17	0.08	0.019	0.028 J	0.0046	0.24	0.004	0.99	0.0017	0.038 J	0.0056	0.0091	0.0048 J
Benzo(k)fluoranthene		MG/KG		0.0039	0.000062	0.0096	0.004	0.00093	0.00084	0.00021	0.014	0.00019	0.041	0.000086	0.0019 J	0.00034 J	0.00035	0.00026
Chrysene		MG/KG		0.00057	0.0000068	0.0012	0.00045	0.00013	0.000063	0.000021	0.0021	0.000011	0.0084	0.0000043	0.00036 J	0.000021 J	0.000076	0.000011
Dibenz(a,h)anthracene		MG/KG		0.095 J	0.0033 J	0.16	0.175 U	0.027 J	0.028 J	0.011	0.34 J	0.0073	1.5	0.004 J	0.057 J	0.034 U	0.0165 U	0.011
Indeno(1,2,3-cd)pyrene		MG/KG		0.033	0.0013	0.07 J	0.032 J	0.0078	0.012	0.0024	0.11	0.0025	0.52 J	0.0012	0.019 J	0.0033 J	0.0026 J	0.0032
Total BEQs				0.88847	0.0192888	1.4678	1.02445	0.25686	0.241703	0.048131	3.0261	0.044831	12.8594	0.0222803	0.52426	0.095961	0.096726	0.055081
		Industrial Exposure Lim	0.7															
SCTL Industrial Failure?				YES	NO	YES	YES	NO	NO	NO	YES	NO	YES	NO	NO	NO	NO	NO
		Recreational Exposure	0.35															
SCTL Recreational Failure?				YES	NO	YES	YES	NO	NO	NO	YES	NO	YES	NO	YES	NO	NO	NO

Notes:

NA Not analyzed

B The analyte was detected in the associated method and/or calibration blank.

J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.

JB The analyte detected in the associated field, equipment, and/or trip blank.

U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

UJ The analyte was below the reported sample quantitation limit. However, the reported value is approximate.

mg/kg Milligrams per Kilogram

Values Bolded are analytes not detected by the Lab but are above the **SCTL [1 IND]**

Values Shaded Pale Yellow are analytes not detected by the Lab but are above the **SCTL [REC]**

Values Bolded and Shaded Pale Yellow are analytes not detected by the Lab but are above both **SCTL [1 IND]** and **SCTL [REC]**

Values Bold and Pale Blue are hits exceeding the **SCTL [1 IND]**

Values Shaded Grey are hits that exceed the **SCTL [REC]**

Values Bold and Shaded Grey are hits that exceed both **SCTL [1 IND]** and **SCTL [REC]**

1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg

SCTL [1 IND] - Soil Cleanup Target Level Industrial.

SCTL REC - Soil Cleanup Target Level Recreational.

= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison

-- = Not Available at time of rule adoption/ limit does not apply

Shading with **"YES"** indicates **Total BaP** equivalent faliure.

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SOIL Raw Analytical Results
March 2011

TABLE A-1
Parcel K Soil Sampling

Location				Road-4			Road-5			Road-6			
Sample ID				HFSB-Road-4-000_5	HFSB-Road-4-0_502	JM22-FD7-121610	HFSB-Road-5-000_5	HFSB-Road-5-0_502	HFSB-Road-5-0204	HFSB-Road-6-000_5	HFSB-Road-6-0_502	HFSB-Road-6-0204	HFSB-Road-6-0406
Sample Depth (ft)				0 - 0.5	0.5 - 2	0.5 - 2	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	2 - 4	4 - 6
Sample Date				12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010
Analyte	**Units**	**SCTL [1IND]**	**SCTL [REC]**										
PAH (MG/KG)													
Benzo(a)anthracene	MG/KG	-	-	0.034 J	0.0028 J	0.0091 J	0.086	0.019	0.0056	0.058	0.046	0.043	0.0062
Benzo(a)pyrene	MG/KG	0.7	0.35	0.045 J	0.0089 J	0.016 J	0.15	0.067	0.024 J	0.1	0.1	0.18	0.016
Benzo(b)fluoranthene	MG/KG	-	-	0.064 J	0.014 J	0.022 J	0.21	0.11	0.031	0.16	0.16	0.29 J	0.024
Benzo(k)fluoranthene	MG/KG	-	-	0.023 J	0.0059 J	0.01 J	0.082	0.04	0.017	0.065	0.067	0.14	0.016
Chrysene	MG/KG	-	-	0.058 J	0.0042 J	0.0086 J	0.1	0.023	0.0084	0.091	0.039	0.093	0.01
Dibenz(a,h)anthracene	MG/KG	-	-	0.066 UJ	0.0067 U	0.0043 J	0.068 U	0.02	0.0068 U	0.066 U	0.038	0.03 J	0.0058 J
Indeno(1,2,3-cd)pyrene	MG/KG	-	-	0.076 UJ	0.0072 J	0.014 J	0.072 J	0.053	0.022	0.058 J	0.069 J	0.13	0.015
SW6010B (MG/KG)													
Arsenic	MG/KG	12	5.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	MG/KG	1400	400	33.5	7.97 J	10.5	74.3	11.4	NA	99.1	69.7	NA	NA
SW8082 (MG/KG)													
Aroclor-1262	MG/KG	2.6	1.29	0.025 U	0.025 U	0.026 U	0.026 U	0.026 U	NA	0.025 U	0.026 U	NA	NA
Aroclor-1268	MG/KG	2.6	1.29	0.025 U	0.025 U	0.026 U	0.026 U	0.026 U	NA	0.025 U	0.026 U	NA	NA
Aroclor-1016	MG/KG	2.6	1.29	0.05 U	0.051 U	0.052 U	0.051 U	0.052 U	NA	0.05 U	0.052 U	NA	NA
Aroclor-1221	MG/KG	2.6	1.29	0.025 U	0.025 U	0.026 U	0.026 U	0.026 U	NA	0.025 U	0.026 U	NA	NA
Aroclor-1232	MG/KG	2.6	1.29	0.028 U	0.028 U	0.029 U	0.028 U	0.029 U	NA	0.028 U	0.028 U	NA	NA
Aroclor-1242	MG/KG	2.6	1.29	0.025 U	0.025 U	0.026 U	0.026 U	0.026 U	NA	0.025 U	0.026 U	NA	NA
Aroclor-1248	MG/KG	2.6	1.29	**8.5 B**	0.14 JB	0.025 J	**3.6 B**	0.14	NA	**4.8 B**	0.21 B	NA	NA
Aroclor-1254	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	MG/KG	2.6	1.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

StationID				Road-4			Road-5			Road-6			
SampleID				HFSB-Road-4-000_5	HFSB-Road-4-0_502	JM22-FD7-121610	HFSB-Road-5-000_5	HFSB-Road-5-0_502	HFSB-Road-5-0204	HFSB-Road-6-000_5	HFSB-Road-6-0_502	HFSB-Road-6-0204	HFSB-Road-6-0406
Sample Date				12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010
Parameter		**Units**	**SCTL**										
Benzo(a)anthracene		MG/KG		0.0034 J	0.00028 J	0.00091 J	0.0086	0.0019	0.00056	0.0058	0.0046	0.0043	0.00062
Benzo(a)pyrene		MG/KG		0.045 J	0.0089 J	0.016 J	0.15	0.067	0.024 J	0.1	0.1	0.18	0.016
Benzo(b)fluoranthene		MG/KG		0.0064 J	0.0014 J	0.0022 J	0.021	0.011	0.0031	0.016	0.016	0.029 J	0.0024
Benzo(k)fluoranthene		MG/KG		0.00023 J	0.000059 J	0.0001 J	0.00082	0.0004	0.00017	0.00065	0.00067	0.0014	0.00016
Chrysene		MG/KG		0.000058 J	0.0000042 J	0.0000086 J	0.0001	0.000023	0.0000084	0.000091	0.000039	0.000093	0.00001
Dibenz(a,h)anthracene		MG/KG		0.033 UJ	0.00335 U	0.0043 J	0.034 U	0.02	0.0034 U	0.033 U	0.038	0.03 J	0.0058 J
Indeno(1,2,3-cd)pyrene		MG/KG		0.0038 UJ	0.00072 J	0.0014 J	0.0072 J	0.0053	0.0022	0.0058 J	0.0069 J	0.013	0.0015
Total BEQs				0.091888	0.0147132	0.0249186	0.22172	0.105623	0.0334384	0.161341	0.166209	0.257793	0.02649
		Industrial Exposure Lim	0.7										
SCTL Industrial Failure?				NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
		Recreational Exposure	0.35										
SCTL Recreational Failure?				NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

Notes:

NA Not analyzed

B The analyte was detected in the associated method and/or calibration blank.

J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.

JB The analyte detected in the associated field, equipment, and/or trip blank.

U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

UJ The analyte was below the reported sample quantitation limit. However, the reported value is approximate.

mg/kg Milligrams per Kilogram

Values Bolded are analytes not detected by the Lab but are above the **SCTL [1 IND]**

Values Shaded Pale Yellow are analytes not detected by the Lab but are above the **SCTL [REC]**

Values Bolded and Shaded Pale Yellow are analytes not detected by the Lab but are above both **SCTL [1 IND]** and **SCTL [REC]**

Values Bold and Pale Blue are hits exceeding the **SCTL [1 IND]**

Values Shaded Grey are hits that exceed the **SCTL [REC]**

Values Bold and Shaded Grey are hits that exceed both **SCTL [1 IND]** and **SCTL [REC]**

1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg

SCTL [1 IND] - Soil Cleanup Target Level Industrial.

SCTL REC - Soil Cleanup Target Level Recreational.

= Site concentrations for carcinogenic polycyclic aromatic hydrocarbons must be converted to Benzo(a)pyrene equivalents before comparison

-- = Not Available at time of rule adoption/ limit does not apply

Shading with **"YES"** indicates **Total BaP** equivalent faliure.

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TABLE A-2
Parcel K SPLP Soil Sampling

Location		09/09A
Sample ID		HFSB-09/09A-000_5
Sample Depth (ft)		0 - 0.5
Sample Date		12/14/2010
Analyte	**Units**	
SW8270SIM (UG/L)		
1-Methylnaphthalene	UG/L	0.11 U
2-Methylnaphthalene	UG/L	0.11 U
Acenaphthene	UG/L	**0.05 J**
Acenaphthylene	UG/L	0.11 U
Anthracene	UG/L	0.11 U
Benzo(a)anthracene	UG/L	0.11 U
Benzo(a)pyrene	UG/L	0.11 U
Benzo(b)fluoranthene	UG/L	0.11 U
Benzo(g,h,i)perylene	UG/L	0.11 U
Benzo(k)fluoranthene	UG/L	0.11 U
Chrysene	UG/L	0.11 U
Dibenz(a,h)anthracene	UG/L	0.11 U
Fluoranthene	UG/L	**0.074 J**
Fluorene	UG/L	0.11 U
Indeno(1,2,3-cd)pyrene	UG/L	0.11 U
Naphthalene	UG/L	0.11 U
Phenanthrene	UG/L	**0.12**
Pyrene	UG/L	**0.057 J**

Notes:

NA Not analyzed

J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.

U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

ug/l Micrograms per Liter

Bold indicates the analyte was detected

TABLE A-3
Parcel K Groundwater Sampling

Location			HFSB-I2E-GW	HFSB-X1-GW	
Sample ID			HFSB-I2E-GW	HFSB-X1-GW	JM22-FD1-GW-121510
Sample Date			12/15/2010	12/15/2010	12/15/2010
Analyte	**Units**	**GCTL[1]**			
SW6010B (UG/L)					
Lead	UG/L	15	**59.2 J**	15 U	15 U

Notes:

NA Not analyzed

GCTL - Groundwater Cleanup Target Level

1 = Ch 62-777 FAC Groundwater Cleanup Target Levels (GCTLs) reported in µg/L

J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.

U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

ug/l Micrograms per Liter

Bold indicates the analyte was detected

Shading indicates the analyte exceeded GCTL[1]

TABLE A-4
Leachability to Groundwater

Location				HFSB-01	HFSB-05	HFSB-09	D4N	E5S	H5N	2I3			I4	I4NE
Sample ID				HFSB-01-6-24	HFSB-05-6-24	HFSB-09-6-24	HFSB-D4N000.5	HFSB-E5S0.502	HFSB-H5N000.5	HFSB-2I3-0.502	HFSB-2I3-0204	HFSB-2I3-0406	HFSB-I4-000_5	HFSB-I4NE0_502
Sample Depth (ft)				0.5 - 2	0.5 - 2	0.5 - 2	0 - 0.5	0.5 - 2	0 - 0.5	0.5 - 2	2 - 4	4 - 6	0 - 0.5	0.5 - 2
Sample Date				4/1/2009	4/1/2009	4/1/2009	7/8/2010	7/8/2010	7/9/2010	12/15/2010	12/15/2010	12/15/2010	11/3/2009	7/9/2010
Analyte	**Units**	**SCTL ^{LEACH}**	**SCTL $^{LY/PQ}$**											
PAH (MG/KG)														
Benzo(a)anthracene	MG/KG	0.8	8	**0.92**	**0.82**	**1.2**	**1**	**1**	**0.99**	**1**	**1.2**	0.004 J	**1.1**	**1.2**
Benzo(a)pyrene	MG/KG	8	80	0.97	0.79	1.1	**0.81**	**0.86**	**0.79**	**1.1**	0.62	0.0054 J	**0.94**	**0.81**
Benzo(b)fluoranthene	MG/KG	2.4	24	1.4	1.2	1.6	1.3	1.5	1.4	1.3	0.8	0.0067 J	1.7	1.4
Benzo(k)fluoranthene	MG/KG	24	240	0.6	0.4	0.46	0.46	0.53	0.5	0.54	0.34	0.0035 J	0.53 J	0.34
Chrysene	MG/KG	77	770	1	0.8	1.2	0.94	0.99	0.88	0.74	0.97	0.0052 J	1.2	1.1
Dibenz(a,h)anthracene	MG/KG	0.7	7	0.013 U	0.013 U	0.013 U	0.1	0.11	0.19	0.19	0.35 U	0.0084 U	0.16	0.12
Indeno(1,2,3-cd)pyrene	MG/KG	6.6	66	0.77	0.56	0.82	0.32	0.36	0.56	0.65	0.25	0.0043 J	0.58 J	0.39
SW6010B (MG/KG)														
Lead	MG/KG	--	--	750	31	28	NA	NA	NA	NA	NA	NA	58 J	144
SW8082 (MG/KG)														
Aroclor-1016	MG/KG	17	170	0.012 U	0.059 U	0.012 U	0.2 U	NA	NA	NA	NA	NA	0.025 U	NA
Aroclor-1221	MG/KG	17	170	0.012 U	0.059 U	0.012 U	0.2 U	NA	NA	NA	NA	NA	0.025 U	NA
Aroclor-1232	MG/KG	17	170	0.0086 U	0.042 U	0.0084 U	0.39 U	NA	NA	NA	NA	NA	0.049 U	NA
Aroclor-1242	MG/KG	17	170	0.006 U	0.029 U	0.0058 U	0.2 U	NA	NA	NA	NA	NA	0.025 U	NA
Aroclor-1248	MG/KG	17	170	0.0076 U	0.037 U	0.0074 U	0.22 U	NA	NA	NA	NA	NA	0.027 U	NA
Aroclor-1254	MG/KG	17	170	0.0061 U	0.030 U	0.0059 U	0.2 U	NA	NA	NA	NA	NA	0.025 U	NA
Aroclor-1260	MG/KG	17	170	0.054	1.5	0.0059 U	**3.8**	NA	NA	NA	NA	NA	0.12 B	NA
Aroclor-1262	MG/KG	17	170	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	MG/KG	17	170	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Marked for Removal				YES	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES

Aroclor-1268	MG/KG	17	170	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Marked for Removal				YES	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES

Notes:
NA Not analyzed
B The analyte was detected in the associated method and/or calibration blank.
J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
mg/kg Milligrams per Kilogram

Values Bolded and Shaded Pale Blue are analytes not detected by the Lab but are above both **SCTL $^{1\ IND}$** and **SCTL ^{REC}**
Values Bold and shaded Yellow exceed the SCTL ^{LEACH}

1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg
SCTL ^{LEACH} - Soil Cleanup Target Level Leachability to Groundwater
SCTL $^{LY/PQ}$ - Soil Cleanup Target Level Leachability based on Low Yield/Poor Quality
-- = Not Available at time of rule adoption/ limit does not apply

Shading with **"YES"** indicates **sample will be removed**

TABLE A-5

Parcel K Soil PCB Soil Sampling 2011

Location				2D3	2E3		D2S3	D3NE	D3S	D3SE	D3SW2	E1NE2	
Sample ID				JM22-2D3-000.5	JM22-2E3-000.5	JM22-FD2	JM22-D2S3-000.5	JM22-D3NE-000.5	JM22-D3S-000.5	JM22-D3SE-000.5	JM22-D3SW2-000.5	JM22-E1NE2-000.5	JM22-FD1
Sample Depth (ft)				0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Sample Date				4/21/2011	4/21/2011	4/21/2011	4/25/2011	4/22/2011	4/25/2011	4/22/2011	4/22/2011	4/20/2011	4/20/2011
Analyte	**Units**	**SCTL [1IND]**	**SCTL [REC]**										
SW8082 (MG/KG)													
Aroclor-1016	MG/KG	2.6	1.29	0.03 U	0.032 U	0.032 U	0.033 U	0.03 U	0.03 U	0.03 U	0.031 U	0.034 U	0.033 U
Aroclor-1221	MG/KG	2.6	1.29	0.03 U	0.032 U	0.032 U	0.033 U	0.03 U	0.03 U	0.03 U	0.031 U	0.034 U	0.033 U
Aroclor-1232	MG/KG	2.6	1.29	0.06 U	0.064 U	0.064 U	0.066 U	0.06 U	0.06 U	0.06 U	0.062 U	0.068 U	0.066 U
Aroclor-1242	MG/KG	2.6	1.29	0.03 U	0.032 U	0.032 U	0.033 U	0.03 U	0.03 U	0.03 U	0.031 U	0.034 U	0.033 U
Aroclor-1248	MG/KG	2.6	1.29	0.033 U	0.035 U	0.035 U	0.036 U	0.033 U	0.033 U	0.033 U	0.034 U	0.037 U	0.036 U
Aroclor-1254	MG/KG	2.6	1.29	0.66	0.032 U	0.032 U	0.033 U	0.03 U	0.03 U	0.2	0.031 U	0.034 U	0.033 U
Aroclor-1260	MG/KG	2.6	1.29	**18**	**15**	**18**	0.86	**2.7**	**13**	**4.3**	**67**	0.0093 J	0.007 J

Notes:

NA Not analyzed

J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.

U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

mg/kg Milligrams per Kilogram

Values Bolded are analytes not detected by the Lab but are above the **SCTL [1 IND]**

Values Shaded Pale Yellow are analytes not detected by the Lab but are above the **SCTL [REC]**

Values Bolded and Shaded Pale Yellow are analytes not detected by the Lab but are above both **SCTL [1 IND]** and **SCTL [REC]**

Values Bold and Pale Blue are hits exceeding the **SCTL [1 IND]**

Values Shaded Grey are hits that exceed the **SCTL [REC]**

Values Bold and Shaded Grey are hits that exceed both **SCTL [1 IND]** and **SCTL [REC]**

1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg

SCTL [1 IND] - Soil Cleanup Target Level Industrial.

SCTL [REC] - Soil Cleanup Target Level Recreational.

TABLE A-5

Parcel K Soil PCB Soil Sampling 2011

Location				E1NW	E1SE	E1SW	E2C	E2NE2	F2W	HFSB075
Sample ID				JM22-E1NW-000.5	JM22-E1SE-000.5	JM22-E1SW-000.5	JM22-E2C-000.5	JM22-E2NE2-000.5	JM22-F2W-000.5	JM22-HFSB075-000.5
Sample Depth (ft)				0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Sample Date				4/20/2011	4/20/2011	4/20/2011	4/22/2011	4/21/2011	4/20/2011	4/21/2011
Analyte	**Units**	**SCTL [1IND]**	**SCTL [REC]**							
SW8082 (MG/KG)										
Aroclor-1016	MG/KG	2.6	1.29	0.048 J	0.033 U	0.033 U	0.032 U	0.03 U	0.032 U	0.033 U
Aroclor-1221	MG/KG	2.6	1.29	0.033 U	0.033 U	0.033 U	0.032 U	0.03 U	0.032 U	0.033 U
Aroclor-1232	MG/KG	2.6	1.29	0.066 U	0.066 U	0.066 U	0.064 U	0.06 U	0.064 U	0.066 U
Aroclor-1242	MG/KG	2.6	1.29	0.033 U	0.033 U	0.033 U	0.032 U	0.03 U	0.032 U	0.033 U
Aroclor-1248	MG/KG	2.6	1.29	0.036 U	0.036 U	0.036 U	0.035 U	0.033 U	0.035 U	0.036 U
Aroclor-1254	MG/KG	2.6	1.29	0.033 U	0.033 U	0.033 U	0.032 U	0.03 U	0.032 U	0.033 U
Aroclor-1260	MG/KG	2.6	1.29	**4.2**	2.4	**16**	0.5	**9.8**	0.2	0.5

Notes:

NA Not analyzed

J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.

U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

mg/kg Milligrams per Kilogram

Values Bolded are analytes not detected by the Lab but are above the **SCTL [1 IND]**

Values Shaded Pale Yellow are analytes not detected by the Lab but are above the **SCTL [REC]**

Values Bolded and Shaded Pale Yellow are analytes not detected by the Lab but are above both **SCTL [1 IND]** and **SCTL [REC]**

Values Bold and Pale Blue are hits exceeding the **SCTL [1 IND]**

Values Shaded Grey are hits that exceed the **SCTL [REC]**

Values Bold and Shaded Grey are hits that exceed both **SCTL [1 IND]** and **SCTL [REC]**

1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg

SCTL [1 IND] - Soil Cleanup Target Level Industrial.

SCTL [REC] - Soil Cleanup Target Level Recreational.

Summary of the Risk-Based Corrective Action Analysis for the City-Owned Portion of Parcel K

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COPIES: File 341162

DATE: August 13, 2010

Introduction

Naval Air Station Key West is located approximately 150 miles southwest of Miami, in Monroe County, Florida (Figure 1). On December 3, 2002, a Quitclaim Deed was signed by the Navy transferring approximately 32.31 acres of Truman Waterfront/Trumbo Road properties, including the former Defense Reutilization Marketing Office (DRMO) and a portion of Parcel K, to the City of Key West for redevelopment. The property was deeded for industrial land use. The former DRMO site is approximately 6.25 acres, and the City-owned portion of Parcel K is approximately 2.77 acres (Figure 2). Over the past 10 years, the soil at the former DRMO has been assessed and remediated to meet unrestricted (residential) land use within the DRMO fenced area. The City of Key West has expressed interest in developing the former DRMO and the City-owned portion of Parcel K into an open park area for possible use as an outdoor concert area and soccer field. No child-playground type of use is planned for the park. Figure 3 presents a conceptual site plan of the park overlain on the former DRMO and the City-owned portion of Parcel K.

Grids A and J are located primarily west of the site boundary and were not part of the transfer (shaded blue on Figure 3 indicating NAS Key West Property). Portions of grids A, J, S, and B are located on State Park–owned property (shaded green on Figure 3). Therefore, samples from these offsite areas were not included in the overall risk assessment. Grids A and J were deemed clean based on sampling and were not remediated. Portions of Grids K, S and B were remediated to residential criteria (as shown on Figure 2). Additional sampling will be conducted on the Navy-owned slivers of land (including portions of Grids S and B) in the future, but these areas are Navy-owned and will not be part of the planned redevelopment of the area into a park. The concentration levels will be reduced through remediation, as necessary, to the similar health-protective levels as the rest of Parcel K and DRMO areas.

In an effort to assess the soil conditions across the City-owned portion of Parcel K, extensive soil sampling has been conducted within the past year. The data were used to evaluate remedial actions required to meet residential, industrial and recreational use scenarios

Project Objective

In accordance with the Truman Annex Quitclaim Deed, the soil at the City-owned portion of Parcel K shall be restored to meet, at a minimum, the Florida Department of Environmental Protection (FDEP) industrial soil cleanup target levels (SCTLs) specified in Chapter 62-777, Florida Administrative Code (F.A.C.).

The objective of this Technical Memorandum is to provide an assessment of available soil analytical data to evaluate the remedial actions required to meet FDEP residential, recreational and industrial land use scenarios through the use of risk-based corrective action (RBCA) and SCTLs, including leachability criteria. The Navy, with input from the FDEP, will make a risk management decision to determine which criteria to use for corrective actions for the City-owned portion of Parcel K.

History and Background

Former DRMO

Beginning with an initial site inspection conducted in 1998, the DRMO property has undergone several assessments and remedial actions, including the removal of more than 17,000 cubic yards (yd^3) of soil (12,000 yd^3 in 1999, 1,930 yd^3 in 2004, 3,075 yd^3 in 2007, and 11 yd^3 in 2009) covering nearly 64 percent of the site (Figure 2). Site assessment and remedial action confirmation sampling results currently provide sufficient evidence to support attainment of cleanup objectives for residential land use per requirements of the Contaminated Site Cleanup Criteria, Chapter 62-780.680 (2), F.A.C. Analytical data tables are presented in Appendix A.

City-Owned Portion of Parcel K

CH2M HILL Constructors, Inc. conducted soil sampling events at the City-owned portion of Parcel K in April, July, and November 2009. Based on the initial sampling event, the constituents of concern (COCs) identified at the site include polychlorinated biphenyls (PCBs), lead, and polycyclic aromatic hydrocarbons (PAHs), which are also consistent with the COCs from the former DRMO. During the November sampling event, the site was divided into approximately 42 50-foot grids. Samples were collected from 0 to 0.5 foot below land surface (bls), 0.5 to 2 feet bls, and 2 to 4 feet bls. Analytical data tables are presented in Appendix A. Analytical results for many samples collected exceeded both the residential and industrial SCTLs. Because exceedances of the industrial SCTLs do not comply with the Quitclaim Deed, remediation is warranted. Additionally, because the City is considering development of the site as an open park, the Navy evaluated the remediation of soils to meet recreational SCTLs along with its evaluation of site cleanup to industrial and residential use criteria.

Cleanup Criteria

Because the combined area of the former DRMO and City-owned portions of Parcel K will be redeveloped into a park, the entire area was considered one site in evaluating site soils (Figure 3). For the purpose of this RBCA assessment, the combined site was divided into three exposure units of approximately 2 acres each (see Figure 2) as described below:

- **Exposure Unit 1** is the westernmost exposure unit, encompassing grids A through D of Parcel K and grids C, D, E, L, M, N, T, and U of the former DRMO. Only relevant

portions of grids C, L, and T were used, as the remaining property belongs to the State of Florida and is not considered part of this project. According to Ms. Tracie Bolaños (FDEP) and her conversations with Mr. Fred Hand, engineer for Ft. Zachary Taylor, the State-owned portion of the grids may be covered with asphalt as part of future development (thus limiting exposure). Additionally, portions of grids A, B, C, J, and S are located on Navy-owned property and were not included in this assessment.

- **Exposure Unit 2** is the center exposure unit, encompasses grids E through G of Parcel K and grids F, O, P, V, and W of the former DRMO.
- **Exposure Unit 3** is the easternmost exposure unit and consists of grids H through J of Parcel K and grids G, H, Q, X, and Y of the former DRMO. In an effort to maintain a consistent size among the three exposure areas, Grids I, R, and Z were not included in the exposure area. The soil at grids I, R, and Z were cleaned up to residential land use criteria and residual concentration levels do not pose a threat to human health or environment (CH2M HILL, 2007).

The former DRMO residual soil sample results, clean fill material analytical results (used in place of former samples that had been excavated and backfilled with clean fill material at the former DRMO), and Parcel K soil sample results were combined to estimate the exposure point concentration (EPC) for each of the three exposure units. The EPCs are estimated to be at an upper confidence limit (UCL) of 95 percent (UCL95) or greater on the mean value for PCBs and PAHs for each exposure unit. Appendix C includes the UCL calculation output sheets for pre- and post-excavation scenarios for the UCL value estimations. The EPC for lead is the mean concentration in an exposure unit. The UCL95 was calculated for each of the three exposure units for comparison against the protective SCTLs for residential, recreational, and industrial land use scenarios. In addition, each exposure unit was evaluated for the presence of "hot spots," identified as any concentration above three times the SCTL value. Use of three times the SCTL for hot spot identification is a conservative approach. Any hot spot identified is subject to remedial action. Furthermore, each exposure unit was compared to leachability SCTLs for poor quality/low yield aquifers.

This technical memorandum focuses on evaluating whether residual concentrations in the three individual exposure units meet the current and planned future land use for industrial and recreational scenarios, respectively. These two scenarios are considered pertinent because the Navy has deeded the land to the City for industrial land use purposes, but the City plans to use the site as a park (recreational scenario). Although residential land use was evaluated and is discussed as part of this technical memorandum, cleanup to residential use was eliminated during the Navy's preliminary risk management decision making process due to its higher costs, and will not be considered for final remedial action. Tables and Figures concerning residential land use scenarios are presented in Appendix B.

Samples Used for EPC Estimates

Surface soils were sampled from 0 to 0.5 ft and 0.5 to 2 feet bls. Subsurface soils were sampled from 2 to 4 feet bls. As discussed earlier, the DRMO/Parcel K site was divided into three parcels approximately 2 acres each; therefore, each parcel is treated as one exposure unit for obtaining EPC estimates. Both the initial screening to assess the need for corrective action and the residual concentrations after implementation of corrective action were

estimated separately for each of the two depths of surface soil (0 to 0.5 and 0.5 to 2 feet bls) to estimate site-wide chemical EPCs for lead, PAHs, and PCBs.

Site-wide Concentrations and EPC Estimates per Exposure Unit

The surface soil samples from 0- to 0.5-foot and 0.5- to 2-foot depths were included for estimation of site-wide UCL95 for each exposure unit using the Florida UCL (FLUCL) calculation tool for PCBs and PAHs. Lead was evaluated using the mean and maximum detected values. Where the FLUCL tool could not estimate a UCL value, the U.S. Environmental Protection Agency's ProUCL tool was used. The calculations are presented in Appendix C. Appendix C4 includes a summary table of the residual UCL values estimated for industrial and recreational receptors for the soils from 0 to 0.5 foot bgs and 0.5 to 2 feet bgs.

SCTLs Protective of Various Human Receptors

The receptors identified for the three exposure units at the site include:

- Current land use – Commercial (some administration buildings are on site)
- Future Land Use
  - Potential use as a park – recreational receptors
  - Potential use as a commercial/industrial area – industrial workers
  - Potential release for unrestricted use – residential receptors (most conservatively protective scenario).

The site was also evaluated for a future residential land use; as such future use offers the most flexible land use scenario, with possible site release for unrestricted use. The SCTL values identified for the protection of receptors identified above are included below:

TABLE 1
Land Use/Scenario Specific Soil Cleanup Target Levels (SCTLs)

Receptor	Lead	PCBs	PAHs
Residential Adult and Child	400	0.5 [b]	0.1 [b]
Recreational Youth[a]	400	1.29	0.35
Industrial Worker	1,400	2.6 [b]	0.7 [b]

All values are in milligrams per kilogram (mg/kg) units
[a] Exposure Factors were obtained from FDEP (see Appendix C)
[b] When both PCBs and PAHs were collocated, cumulative risk from both PCBs and PAHs together was aimed to be 1E-6, which is equivalent to using apportioned target SCTL value (see Appendix D).

Hot Spot Analysis

Each of the three exposure units was evaluated to identify any hot spots by comparing maximum detected concentrations against three times the SCTL values for each exposure scenario. The residential and industrial SCTLs were selected from Global RBCA guidance tables in Chapter 67-777. The recreational SCTLs were estimated for this site using exposure assumptions provided by FDEP. As previously stated, the hot spot presence was addressed by selecting concentrations exceeding three times the SCTL for corrective action to protect an individual from exposure to an area of elevated concentrations across each of the three exposure units. The potential for localized high exposures under future land use scenarios

are identified by this exercise. Appendix D includes samples identified for removal based on this hot spot analysis.

Cumulative Effects Evaluation

The cumulative effects of multiple chemicals that contribute to total cancer risk were also accounted for in the evaluations conducted at the combined former DRMO and Parcel K area. When each exposure unit residual EPC was compared against the SCTL value, the combined risk from residual concentration of carcinogenic chemicals (PCBs and PAHs) was compared to the 1 in a million (1E-6) cancer risk. When both PCBs and PAHs were above criteria, the samples with concentrations contributing to an EPC value to be above SCTL values were removed until the target cumulative risk from the two chemicals was at or below 1E-06. This was accomplished by reducing the resulting estimated site residual EPC value to be below SCTL value and also the ratio of both carcinogenic chemicals when added is less than 1.0 (see Appendix C, Table C4). The cumulative ratio of 1.0 represents a cumulative target risk of 1E-06. This is similar to using an apportioned SCTL value. A fixed reduction of the SCTL value to half its value was not applied, because of the flexibility of being able to reduce EPC value of individual chemicals to be slightly above or below 0.5 times the SCTL value by this chosen method, while accomplishing the cumulative target risk to be at the FDEP recommended 1E-06. In this way, potential cumulative effects from residual concentrations of chemicals were addressed in the corrective actions implemented at the combined former DRMO and Parcel K area.

As can be noted from the above listed SCTL values in Table 1, the recreational receptor SCTL values are more protective than industrial SCTL values and slightly less protective than residential SCTL values. The PAH SCTL values approach conventional detection limits. However, the apportioned PAH SCTL, based on cumulative effect for PAHs and PCBs, is below the typical reporting limits for all three scenarios. Additionally, the PAHs identified in some of the exposure units are lower than typical urban background levels. For example, roads paved with new asphalt could have PAH levels higher than 5 milligrams per kilogram (mg/kg). Soils adjacent to railroad tracks also tend to have high levels of PAHs (Agency for Toxic Substances and Disease Registry [ATSDR], 1995). Because background level concentrations of PAHs in soil may be elevated due to non-point sources (asphalt material in roads, vehicular traffic emissions, etc.), a less stringent target level may be established for PAHs; however, since no alternative SCTL is available for the DRMO/Parcel K site, the existing stringent SCTL value is used for comparison with site PAH EPC values. In the interest of accomplishing efficient closure at Parcel K, the Navy has opted to meet the more conservatively protective approach of accomplishing the proposed PAH SCTL value.

Leachability Evaluation

Leachability was evaluated on the basis of post-excavation residual concentrations for each of the three exposure units and is described later in this technical memorandum.

Data Evaluation Pre- and Post-Excavation

Pre-Excavation Concentrations

The surface soil was assessed in the pre-excavation risk-based evaluation to assess whether corrective actions are needed in an exposure unit. The EPCs were estimated separately for both surface soil depths: 0 to 0.5 foot and 0.5 to 2 feet bls. The UCL95 values for PCBs and

PAHs are typical EPCs, whereas the mean value is the EPC for lead, as described above. Also, the maximum value was compared against three times the SCTL values to identify any hot spot areas for each of the three exposure units. Table 2 includes a data summary for the three exposure units for data before remedial actions.

TABLE 2
Summary of Analytical Data Across the Three Exposure Units Before Remedial Actions

Analyte	FOD	Minimum Conc.	Maximum Conc.	Mean Conc.	UCL 95	Industrial SCTL	3X Industrial SCTL	Recreational SCTL	3X Recreational SCTL
Soil 0 to 0.5 foot									
Exposure Unit 1									
PCBs	31 / 58	0.039	170.0	12.3	30.3	2.6/1.3 [a]	7.8	1.29 [a]	3.87
Lead	40 / 52	10.0	244.0	75.3	--	1400	4200	400	1200
BEQ	19 / 25	0.12	40.6	8.0	17.2	0.7/0.35 [a]	2.1	0.35 [a]	1.05
Exposure Unit 2									
PCBs	18 / 44	0.084	370.0	--	24.5	2.6/1.3 [a]	7.8	1.29 [a]	3.87
Lead	36 / 43	11.1	562.0	107.1	--	1400	4200	400	1200
BEQ	16 / 27	0.13	9.1	1.2	3.0	0.7/0.35 [a]	2.1	0.35 [a]	1.05
Exposure Unit 3									
PCBs	21 / 53	0.009	8.3	0.6	1.5	2.6/1.3 [a]	7.8	1.29 [a]	3.87
Lead	46 / 58	7.7	4100.0	215.2	--	1400	4200	400	1200
BEQ	23 / 37	0.20	35.9	--	9.3	0.7/0.35 [a]	2.1	0..35 [a]	1.05
Soil 0.5 to 2.0 feet									
Exposure Unit 1									
PCBs	16 / 65	0.02	4.7	0.3	0.6	2.6/1.3 [a]	7.8	1.29 [a]	3.87
Lead	28 / 61	29.4	79.5	48.3	--	1400	4200	400	1200
BEQ	18 / 24	0.02	1.5	0.1	0.4	0.7/0.35 [a]	2.1	0.35 [a]	1.05
Exposure Unit 2									
PCBs	24 / 60	0.01	1.5	--	0.3	2.6/1.3 [a]	7.8	1.29 [a]	3.87
Lead	32 / 60	1.8	89.9	25.6	--	1400	4200	400	1200
BEQ	16 / 27	0.01	2.3	--	0.6	0.7/0.35 [a]	2.1	0.35 [a]	1.05
Exposure Unit 3									
PCBs	11 / 57	0.01	0.4	--	0.2	2.6/1.3 [a]	7.8	1.29 [a]	3.87
Lead	39 / 65	0.3	1200.0	75.4	--	1400	4200	400	1200
BEQ	22 / 36	0.01	12.9	--	2.1	0.7/0.35 [a]	2.1	0..35 [a]	1.05

All values are in mg/kg units
FOD: Frequency of Detection
a apportioned SCTL
BEQ: Benzo(a)pyrene Equivalents

Lead. Mean values for all three exposure units ranged from 25.6 to 215.2 mg/kg in surface soils and are below all target levels. However, two surface soil samples from the same location (HFSB-03 from 0.0 to 0.5 foot bls at 4,100 mg/kg and from 0.5 to 2 feet bls at 1,200 mg/kg) exceeded three times the SCTL values protective of residential and recreational receptors. No sample exceeded three times the industrial SCTL value. Therefore this one surface sample at both depths was recommended for remedial action through removal (presented in tables in Appendix D and shown on Figures 4 through 7).

PCBs. The UCL95 values were highest for the 0- to 0.5-foot depths and were at 30.9 mg/kg in Exposure Unit 1; 24.5 mg/kg in Exposure Unit 2; and 1.5 mg/kg in Exposure Unit 3. The UCL95 values for Exposure Units 1 and 2 exceeded both industrial and recreational scenario-based SCTL values, whereas Exposure Unit 3 exceeded only recreational scenario-based SCTL value. Therefore, in order for the UCL95 values to be below the industrial and recreational SCTLs, remedial actions are required across all three exposure units at the 0- to 0.5-foot depth. The soil samples from depths greater than 0.5 foot bls had no SCTL exceedances.

Additionally, samples from each of the three exposure units were compared against 3 times the SCTL values for hot spot analysis for recreational and industrial scenarios. Samples exceeding 3 times the associated SCTLs are identified for corrective action. The samples identified for corrective actions at each depth interval are listed in tables in Appendix D and shown on Figures 4 through 7.

PAHs. The UCL95 value for the 0- to 0.5-foot depth is estimated to be 17.2 mg/kg in Exposure Unit 1, 3.0 mg/kg in Exposure Unit 2, and 9.3 mg/kg in Exposure Unit 3. All values are above the respective SCTLs. The 0.5- to 2-foot depth UCL95 values were above recreational SCTL values but not above industrial SCTL values; thus remedial actions are required at all surface soil depths to meet recreational criteria. The samples identified for corrective actions at each depth interval are listed in tables in Appendix D and shown on Figures 4 through 7.

Additionally, PAH samples from each of the three exposure units were compared against three times the SCTL values for recreational and industrial scenarios. Samples exceeding three times the associated SCTLs are identified for corrective action. The samples identified for corrective action at each depth interval are listed in tables in Appendix D and shown on Figures 4 through 7. Because background level concentrations of PAHs in soil may be elevated due to non-point sources (asphalt material in roads, vehicular traffic emissions, etc.), a less stringent target level may be established for PAHs; however, since no alternative SCTL is available for the DRMO/Parcel K site, the existing stringent SCTL value is used for comparison with site PAH EPC values. In the interest of accomplishing efficient closure at Parcel K, the Navy has opted to meet the more conservatively protective approach of accomplishing the proposed PAH SCTL value.

Proposed Excavation Areas

Samples identified for removal from the RBCA and SCTL exercises described above at each of the three depth intervals (0 to 0.5, 0.5 to 2, and 2 to 4 feet bls) are listed in tables in Appendices C4 and D and summarized below. The areas recommended for removal in surface soil for each of the three exposure units are identified in Figures 4 through 7. These exceedances are recommended for removal to meet either recreational or industrial land use

criteria. Figure 8 presents the 2- to 4-foot depth interval compared to leachability criteria, which does not recommend any removal action. Residential land use based figures are located in Appendix B (Figures B-1 and B-2). Table 3 summarizes the approximate number of 50-foot grids requiring corrective action in each exposure unit to meet the land use criteria described.

TABLE 3
Proposed Excavation Areas

Land Use Criteria	Exposure Unit 1	Exposure Unit 2	Exposure Unit 3	Total	Reference
0 to 0.5 foot bls					
Recreational	11	12	11	34	Figure 4
Industrial	10	10	6	26	Figure 5
0.5 to 2 feet bls					
Recreational	2	2	3	7	Figure 6
Industrial	2	1	1	4	Figure 7
2 to 4 feet bls					
Leachability	0	0	0	0	Figure 8

Note: Triangles were counted as half a grid.

Post-Excavation Residual Concentrations

The recommended removal actions are expected to result in attainment of the target risk level of 1E-6 for each of the receptors. Post excavation lead levels are expected to be below 400 mg/kg in all samples; the site-wide mean being lower than the residential SCTL of 400 mg/kg (Table 4). Any potential limitations to achieving the residential SCTL (e.g., PAHs) are discussed below.

TABLE 4
Post Excavation Residual Concentrations for PCBs and PAHs**

Depth	Residential Scenario	Recreational Scenario	Industrial Scenario
Exposure Unit 1			
PCBs	**(3 X SCTL = 1.5)**	**(3 X SCTL = 3.87)**	**(3 X SCTL = 7.8)**
0 to 0.5 foot	0.367	0.449	0.449
0.5 to 2 feet	0.34	0.36	0.36
PAHs	**(3 X SCTL = 0.3)**	**(3 X SCTL = 1.05)**	**(3 X SCTL = 2.1)**
0 to 0.5 foot	0.125*	0.18	0.32
0.5 to 2 feet	0.09*	0.21	0.20

TABLE 4
Post Excavation Residual Concentrations for PCBs and PAHs**

Depth	Residential Scenario	Recreational Scenario	Industrial Scenario
Exposure Unit 2			
PCBs	**(3 X SCTL = 1.5)**	**(3 X SCTL = 3.87)**	**(3 X SCTL = 7.8)**
0 to 0.5 foot	0.27	0.57	0.783
0.5 to 2 feet	0.20	0.27	0.34
PAHs	**(3 X SCTL = 0.3)**	**(3 X SCTL = 1.05)**	**(3 X SCTL = 2.1)**
0 to 0.5 foot	Non-detect	0.19	0.48
0.5 to 2 feet	0.04	0.25	0.35
Exposure Unit 3			
PCBs	**(3 X SCTL = 1.5)**	**(3 X SCTL = 3.87)**	**(3 X SCTL = 7.8)**
0 to 0.5 foot	0.317	0.255	0.769
0.5 to 2 feet	0.25	0.25	0.25
PAHs	**(3 X SCTL = 0.3)**	**(3 X SCTL = 1.05)**	**(3 X SCTL = 2.1)**
0 to 0.5 foot	Non-detect	0.226	0.216
0.5 to 2 feet	0.08	0.18	0.43

All results are in mg/kg
**Some of the estimated PAH residual concentrations are near or below detection limits. It is important to note that PAHs also occur commonly in asphalt paved areas, thus remediation to low levels may not achieve risk/cost-benefit as urban area risks due to anthropogenic background. Asphalt material tends to be as high or higher, depending on PAH levels in area soils from non-point sources*.

** - See Appendix C, Table C4 for details.

Leachability Evaluation for Surface and Subsurface Soil Samples

TABLE 5
Leachability Criteria

Analyte	Freshwater	Poor Quality/Low Yield Aquifers	Exceed surface soil		Exceed subsurface soil	
			Pre Excavation	Post Excavation	Pre Excavation	Post Excavation
PCBs	17	170	Yes	No	No	No
PAHs	8	80	Yes	No	No	No
Lead*	400	*	Yes	No	No	No

All results are reported in mg/kg.

** Lead was detected infrequently at the site, and subsurface soils have collocated surface soils with >400 mg/kg concentration, thus will be remediated. Residual mean lead levels will be <400 mg/kg, and lead is not considered a leachability concern.*

In 2007, four groundwater samples were collected from monitoring wells, one seawater sample was collected, and one potable water sample were collected from around the DRMO area and analyzed for chlorides, conductivity, turbidity, salinity, and total dissolved solids. Site groundwater was found to be brackish to saline in nature and is considered low yield/poor quality and not suitable for potable use (see Appendix A, Attachment C of the DRMO Project Completion Report [CH2M HILL, 2007]). Therefore, the soil leachability data were compared against poor quality aquifer leachability SCTLs.

As shown on Figure 4, the residual concentrations of PCBs and PAHs in the three exposure units from the 0- to 2-foot bls interval for recreational and industrial use scenarios do not exceed the leachability SCTL for the poor quality aquifer described in Table 5; therefore, only the 2- to 4-foot bls interval was evaluated. Appendix E includes a table with statistical summaries of the subsurface soil (2 to 4 feet bls) data and comparisons with leachability SCTL values.

Lead. No leachability criterion is available for lead. However, the direct exposure based 400 mg/kg residential SCTL was used in the past as a conservative representation of potential leachability from lead, as metallic lead has low solubility. The site residual concentrations will be below 400 mg/kg based on site-wide mean estimates, and the residual concentrations are not likely to be a leachability concern for this poor quality aquifer.

PCBs. Maximum detected PCBs in surface soil pre-excavation were above the leachability SCTL; however, surface soils had a maximum of 4.7 mg/kg (0.5 to 2 feet) in Exposure Unit 1, 1.5 mg/kg (0.5 to 2 feet) in Exposure Unit 2, and 0.43 mg/kg (0.5 to 2 feet) in Exposure Unit 3. The deeper subsurface soil sample from three locations in Exposure Units 2, E1, E2, and F3 had a maximum PCB value of 0.22 mg/kg, which is below leachability value. All of the pre-excavation subsurface soils PCBs were below the leachability value of 170 mg/kg for this poor quality aquifer, indicating leachability is not a significant concern. Additionally, following corrective action to address either the industrial or recreational scenario, PCB levels will be well below the current levels and thus also below the leachability SCTL.

PAHs. PAHs in surface soil (0 to 2 feet bls) had a maximum concentration of 1.48 mg/kg in Exposure Unit 1, 2.34 mg/kg in Exposure Unit 2, and 12.9 mg/kg in Exposure Unit 3. The subsurface soil from 2- to 4-foot depths had a maximum concentration of 0.13 mg/kg in Exposure Unit 1, 0.17 mg/kg in Exposure Unit 2, and 2.16 mg/kg in Exposure Unit 3. None of the surface or subsurface soil samples exceeded the leachability SCTL for the poor quality aquifer (80 mg/kg) in the post-excavation residual soil samples. Thus, leachability of PAHs to groundwater is not a concern for the overall site.

Additionally, none of the residual concentrations exceed the leachability target levels. No corrective actions are needed to specifically address the leachability pathway.

Conclusions

The Truman Annex Quitclaim Deed requires that the City-owned portion of Parcel K soils meet the FDEP industrial SCTLs (per the Truman Annex Quitclaim Deed). The City of Key West is planning on restoring the City-owned portion of Parcel K, and the DRMO Parcel, into an open park for recreational land use. Since the FDEP does not have recreational

SCTLs, site specific cleanup goals for soils were developed for a recreational use cleanup that would be compatible with the planned park development.

Because the City-owned portion of Parcel K and the former DRMO will be combined and used for recreational purposes (park), the soil analytical results from both sites were combined into three 2-acre exposure units to evaluate the need for corrective action in order to meet recreational and industrial land use criteria.

The UCL95 was calculated for each of the three exposure units for comparison against the SCTLs for recreational and industrial land use scenarios. Additionally, each exposure unit was evaluated for the presence of hot spots, identified as any concentration above three times the SCTL value, and against leachability SCTLs.

Based on the evaluation, approximately 34 grids from the 0- to 0.5-foot bls interval (Figure 4) and 7 grids from the 0.5- to 2-foot bls interval (Figure 6) should be remediated by removing contaminated soil to meet recreational land use criteria in surface soil. To meet industrial land use criteria in surface soil, soil from approximately 26 grids from the 0- to 0.5-foot bls interval (Figure 5) and soil from 4 grids from the 0.5- to 2-foot bls interval (Figure 7) should be removed. By removing soils in the grids above, surface soil will also meet leachability criteria. Subsurface soil from 2 to 4 feet bls does not exceed the leachability criteria (Figure 8), and therefore no remedial action below 2 feet is necessary to meet either the industrial use criteria or the recreational use criteria. After corrective actions are taken from 0 to 0.5 and 0.5 to 2 feet bls, no hot spot areas will remain onsite, and EPCs in surface soils will be below SCTLs in residual samples.

Once costs to remediate to industrial and recreational use standards are determined, the Navy, along with input from FDEP, will make a risk management decision regarding which criteria to remediate the City-owned portion of Parcel K.

References

ATSDR. 1995. *Toxicological Profile for Polycyclic Aromatic Hydrocarbons (PAHs) (Update)*. U.S. Department of Health and Human Services, A Public Health Service. Atlanta, Georgia. August.

CH2M HILL Constructors, Inc. 2007. *Project Completion Report*. Excavation of PCB and Lead-contaminated Soil at the Former Defense Reutilization and Marketing Office, Truman Annex, Naval Air Station Key West, Key West, Florida. July.

Figures

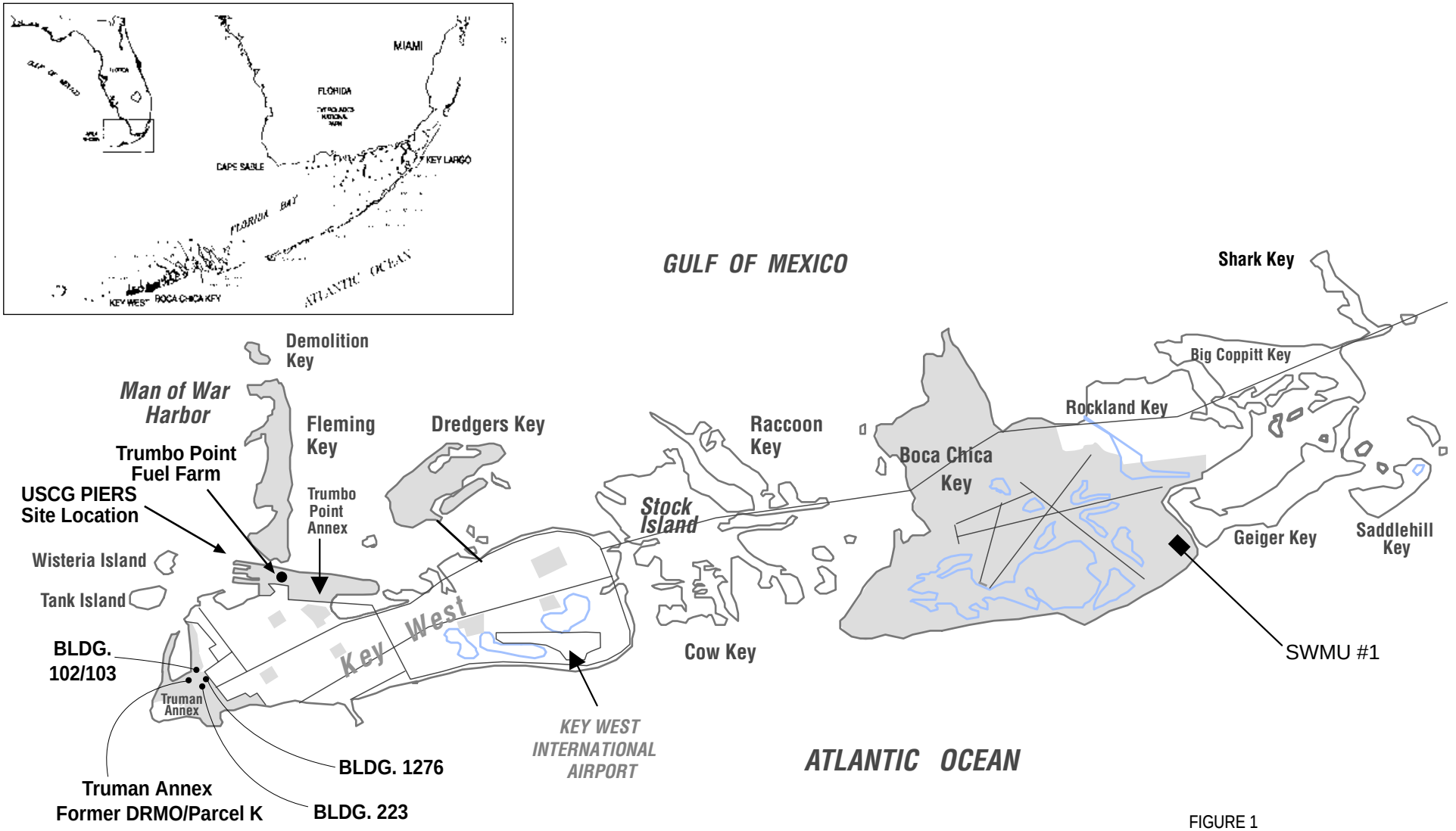

FIGURE 1
Site Location Map
Parcel K
Truman Annex
NAS Key West
Key West, Florida

Legend

- State Park Transfer
- NAS Key West Property
- Harbor Front Restriction
- DRMO Facility Boundary
- Fence

Data Source for Property Boundaries: Tetra Tech NUS, Inc.

- Exceeds Industrial Screening Standard
- Exceeds Residential Screening Standard
- Sample Location Exceeding Risk-based Criteria
- SampleLocation Not Exceeding Risk-based Criteria
- Engineering Control Area (Excavated 2007)

- 1999 Excavation Area
- 2004 Excavation Area
- Hot Spot Area (Excavated 2007)
- 2007 Risk Based Excavation Area

N

0 50 100 200

Feet

Figure 2
Surface Soil Removal Areas and Sample Locations
Parcel K - Truman Annex
NAS Key West
Key West, Florida

\\CREOLE\GROUPS\IS\USNAVY\PARCELK\FIGURE2_SAMPLELOCATIONS_11X17.MXD ZANDERSO 3/31/2010 15:41:33

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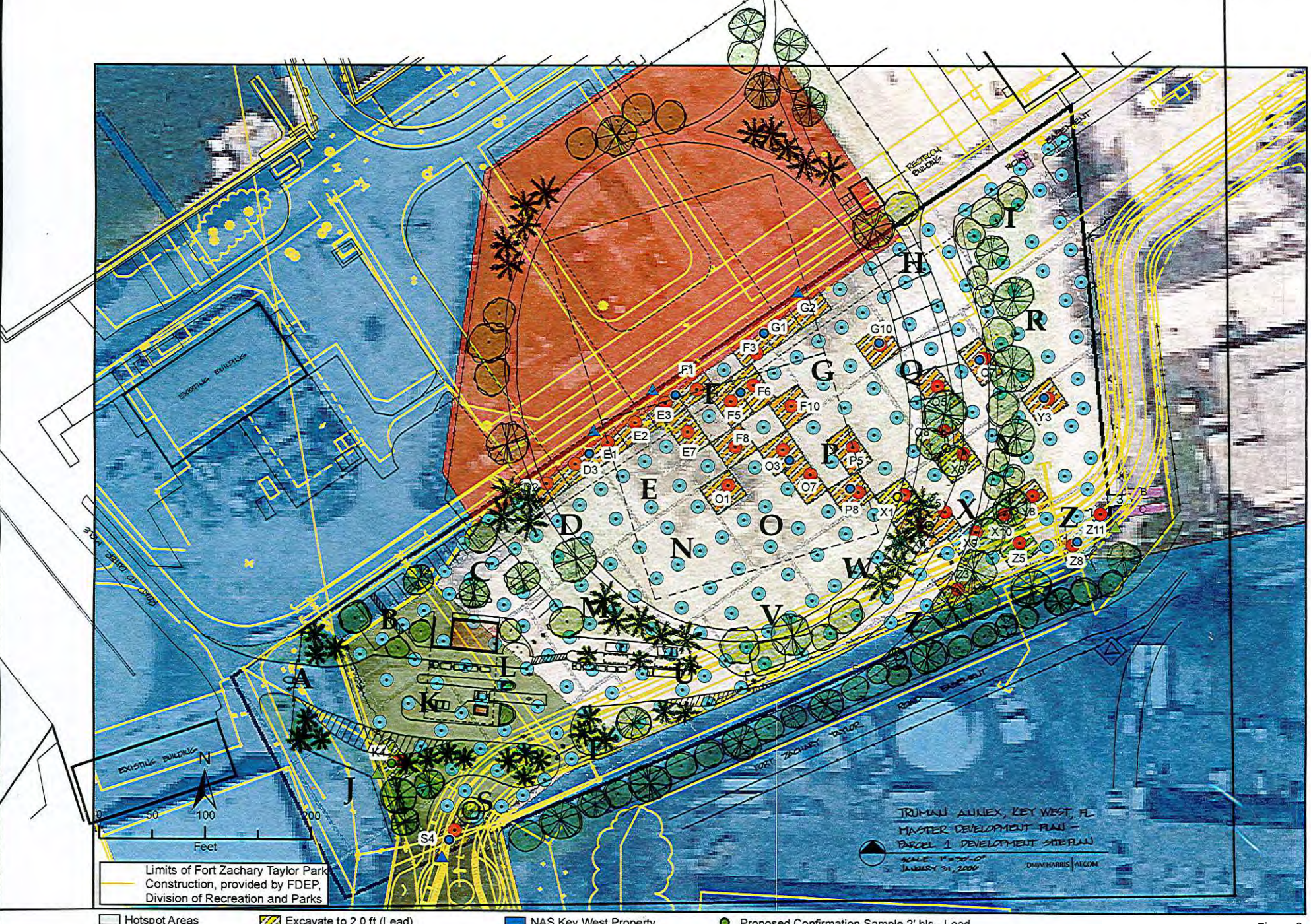
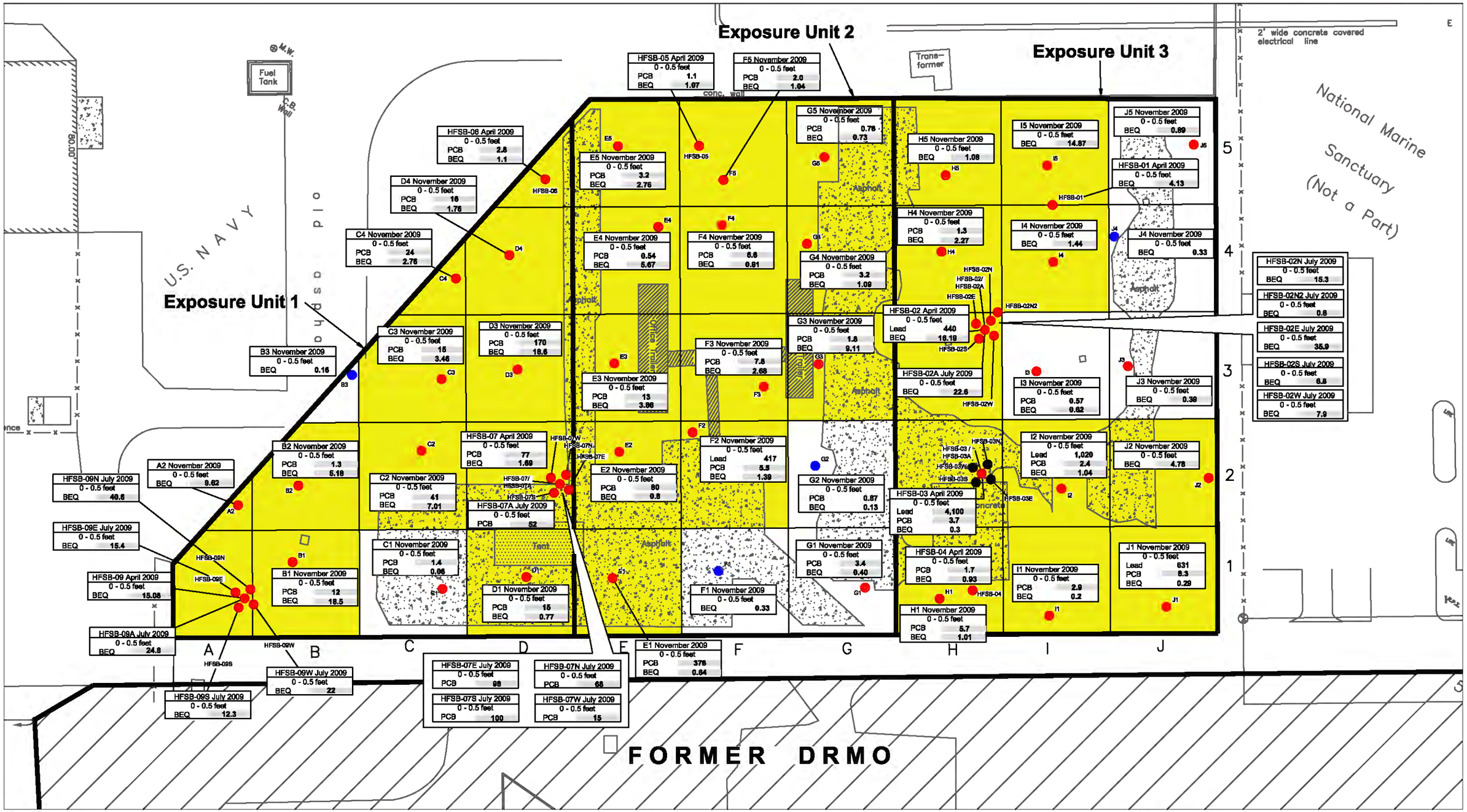


Figure 3
Approximate Limits of Zachary Taylor Park Construction
Parcel K Truman Annex
Key West NAS
Key West, Florida



Legend

- Sample Location
- Exceeds Industrial Screening Standard
- Exceeds Residential Screening Standard
- 1.8 Residential Exceedance
- 3.4 Industrial Exceedance

Note: All concentrations and screening criteria are reported in mg/kg.

Area to be Excavated

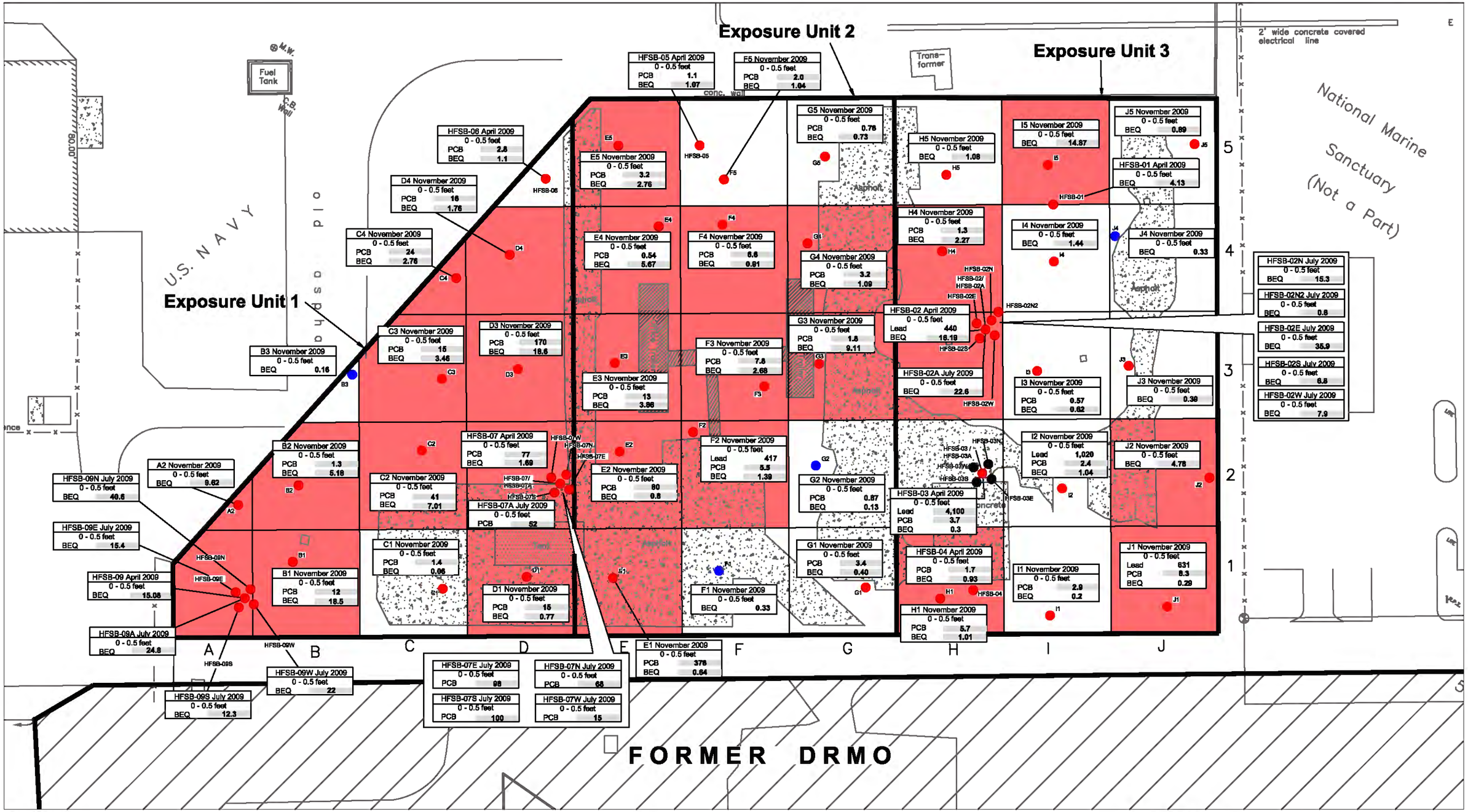
0 50 100 Feet

Recreational Screening Standards

Analyte	Apportioned SCTL	Action Level (3 X SCTL)
Lead	400	1200
PCB	1.29	3.87
BEQ	0.35	1.05

FIGURE 4
Recreational 95% UCL Exceedance Map
0 - 0.5 feet bgs
Parcel K - Truman Annex
Key West, Florida

CH2MHILL



Legend

- Sample Location
- Exceeds Industrial Screening Standard
- Exceeds Residential Screening Standard
- 1.8 Residential Exceedance
- 3.4 Industrial Exceedance

Area to be Excavated

N

0 50 100

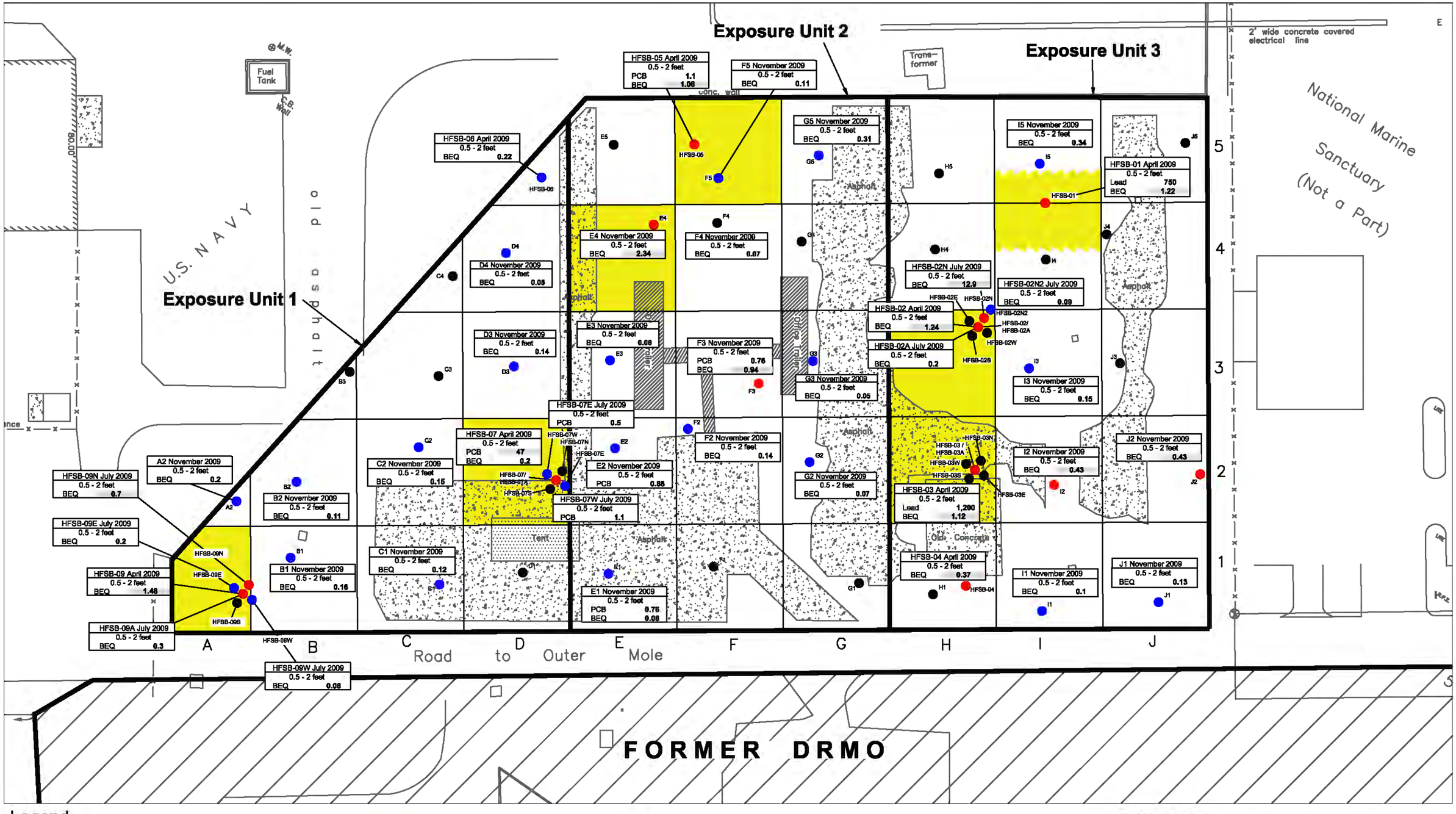
Feet

Note: All concentrations and screening criteria are reported in mg/kg.

Industrial Screening Standards			
Analyte	SCTL	Apportioned SCTL	Action Level (3 X SCTL)
Lead	1400	1400	4200
PCB	2.6	1.3	7.8
BEQ	0.7	0.35	2.1

FIGURE 5
Industrial 95% UCL Exceedance Map
0 - 0.5 feet bgs
Parcel K - Truman Annex
Key West, Florida

CH2MHILL



Legend

- Sample Location
- Exceeds Industrial Screening Standard
- Exceeds Residential Screening Standard
- **0.11** Residential Exceedance
- **1.48** Industrial Exceedance

Note: All concentrations and screening criteria are reported in mg/kg.

Area to be Excavated

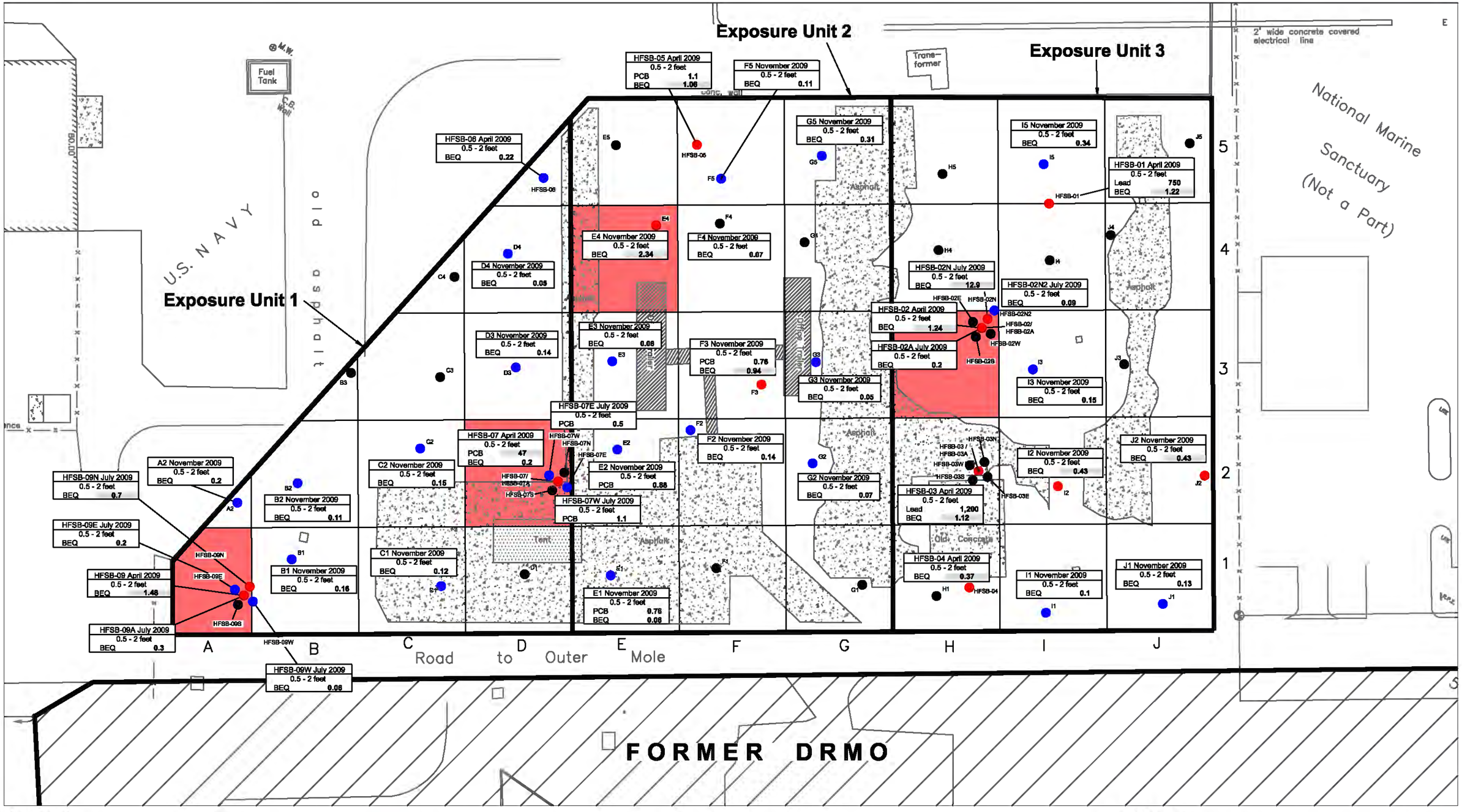
0 50 100
Feet

Recreational Screening Standards

Analyte	Apportioned SCTL	Action Level (3 X SCTL)
Lead	400	1200
PCB	1.29	3.87
BEQ	0.35	1.05

FIGURE 6
Recreational 95% UCL Exceedance Map
0.5 - 2 feet bgs
Parcel K - Truman Annex
Key West, Florida

CH2MHILL



Legend

- Sample Location
- Exceeds Industrial Screening Standard
- Exceeds Residential Screening Standard
- **0.11** Residential Exceedance
- **1.48** Industrial Exceedance

Area to be Excavated

Note: All concentrations and screening criteria are reported in mg/kg.

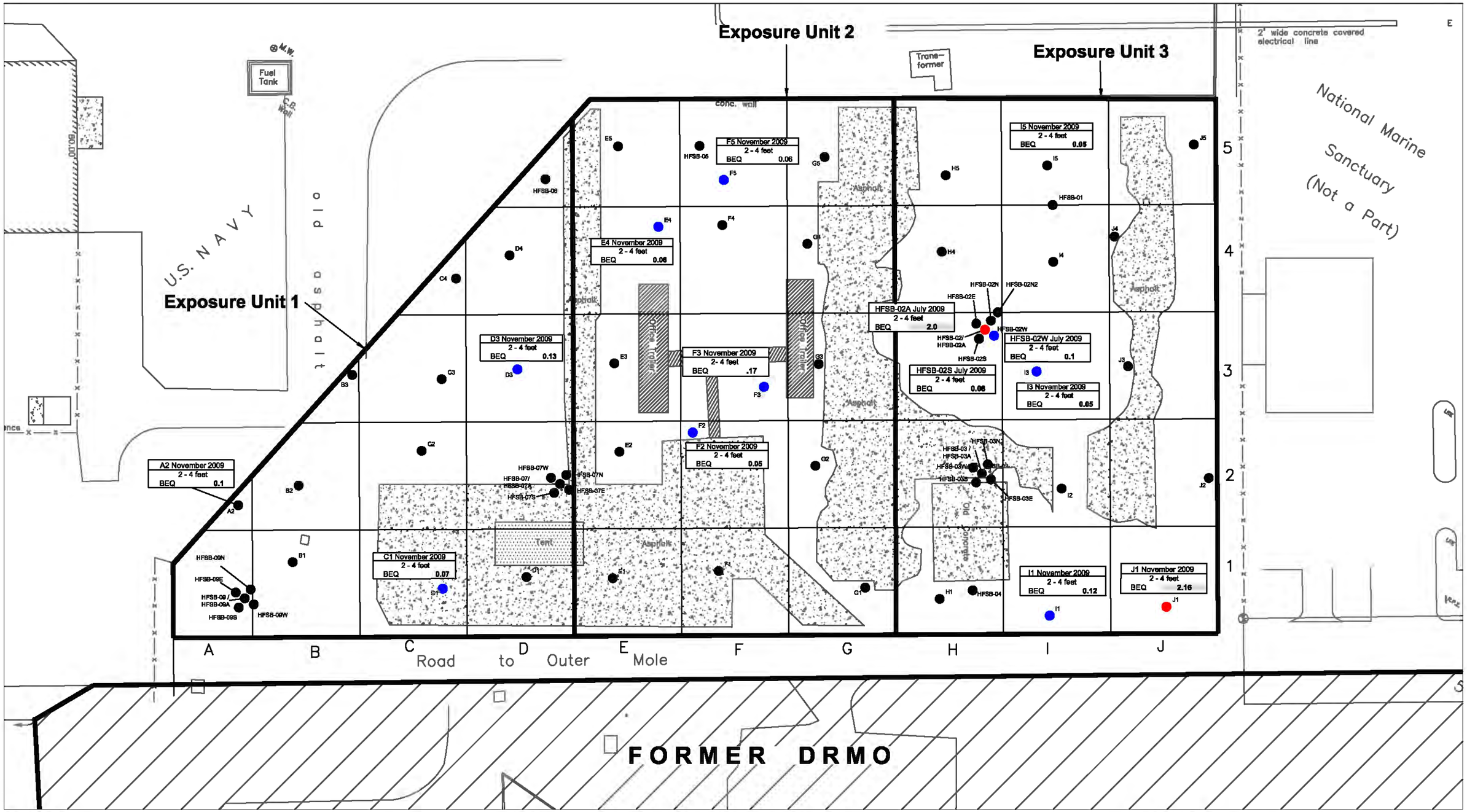
0 50 100
Feet

Industrial Screening Standards

Analyte	SCTL	Apportioned SCTL	Action Level (3 X SCTL)
Lead	1400	1400	4200
PCB	2.6	1.3	7.8
BEQ	0.7	0.35	2.1

FIGURE 7
Industrial 95% UCL Exceedance Map
0.5 - 2 feet bgs
Parcel K - Truman Annex
Key West, Florida

CH2MHILL



Legend

- Sample Location
- Exceeds Industrial Screening Standard
- Exceeds Residential Screening Standard
- **0.07** Residential Exceedance
- **2.16** Industrial Exceedance

N

0 50 100
Feet

Note: All concentrations and screening criteria are reported in mg/kg.

Screening Standards

	Leachability	
	Fresh Water	Poor Quality/Low Yield Aquifers
BEQ	8	80

FIGURE 8
Leachability Exceedance Map
2 - 4 feet bgs
Parcel K - Truman Annex
Key West, Florida

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Appendix A
Analytical Data

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
A2	0-0.5	05-Nov-09	Acenaphthylene	0.034	U	MG/KG
A2	0-0.5	05-Nov-09	1-Methylnaphthalene	0.11	J	MG/KG
A2	0-0.5	05-Nov-09	2-Methylnaphthalene	0.12	J	MG/KG
A2	0-0.5	05-Nov-09	Naphthalene	0.27	JB	MG/KG
A2	0-0.5	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.32	J	MG/KG
A2	0-0.5	05-Nov-09	Dibenz(a,h)anthracene	1.1	=	MG/KG
A2	0-0.5	05-Nov-09	Fluorene	1.1	J	MG/KG
A2	0-0.5	05-Nov-09	Acenaphthene	1.8	J	MG/KG
A2	0-0.5	05-Nov-09	Indeno(1,2,3-cd)pyrene	2.9	=	MG/KG
A2	0-0.5	05-Nov-09	Anthracene	3.5	J	MG/KG
A2	0-0.5	05-Nov-09	Benzo(g,h,i)perylene	3.9	=	MG/KG
A2	0-0.5	05-Nov-09	Benzo(k)fluoranthene	3.9	=	MG/KG
A2	0-0.5	05-Nov-09	Benzo(a)pyrene	6.7	=	MG/KG
A2	0-0.5	05-Nov-09	Benzo(a)anthracene	6.8	J	MG/KG
A2	0-0.5	05-Nov-09	Chrysene	7.8	=	MG/KG
A2	0-0.5	05-Nov-09	Benzo(b)fluoranthene	8	J	MG/KG
A2	0-0.5	05-Nov-09	BEQ	9.62	=	MG/KG
A2	0-0.5	05-Nov-09	Phenanthrene	11.6	=	MG/KG
A2	0-0.5	05-Nov-09	Pyrene	12.9	=	MG/KG
A2	0-0.5	05-Nov-09	Fluoranthene	18.4	=	MG/KG
A2	0-0.5	05-Nov-09	Lead	62	=	MG/KG
B1	0-0.5	05-Nov-09	Acenaphthylene	0.034	U	MG/KG
B1	0-0.5	05-Nov-09	2-Methylnaphthalene	0.11	=	MG/KG
B1	0-0.5	05-Nov-09	1-Methylnaphthalene	0.12	=	MG/KG
B1	0-0.5	05-Nov-09	Naphthalene	0.21	JB	MG/KG
B1	0-0.5	05-Nov-09	Fluorene	1.4	=	MG/KG
B1	0-0.5	05-Nov-09	Dibenz(a,h)anthracene	2	=	MG/KG
B1	0-0.5	05-Nov-09	Acenaphthene	2.6	=	MG/KG
B1	0-0.5	05-Nov-09	Anthracene	4.5	=	MG/KG
B1	0-0.5	05-Nov-09	Indeno(1,2,3-cd)pyrene	6.8	J	MG/KG
B1	0-0.5	05-Nov-09	Benzo(k)fluoranthene	7.7	=	MG/KG
B1	0-0.5	05-Nov-09	Benzo(g,h,i)perylene	9.2	=	MG/KG
B1	0-0.5	05-Nov-09	PCB-1260 (AROCHLOR 1260)	12	=	MG/KG
B1	0-0.5	05-Nov-09	Benzo(a)pyrene	12.8	=	MG/KG
B1	0-0.5	05-Nov-09	Benzo(a)anthracene	12.9	=	MG/KG
B1	0-0.5	05-Nov-09	Chrysene	13.6	=	MG/KG
B1	0-0.5	05-Nov-09	Benzo(b)fluoranthene	16.4	=	MG/KG
B1	0-0.5	05-Nov-09	Phenanthrene	17.7	=	MG/KG
B1	0-0.5	05-Nov-09	BEQ	18.5	=	MG/KG
B1	0-0.5	05-Nov-09	Pyrene	22	=	MG/KG
B1	0-0.5	05-Nov-09	Fluoranthene	32	=	MG/KG
B1	0-0.5	05-Nov-09	Lead	142	=	MG/KG
B2	0-0.5	05-Nov-09	2-Methylnaphthalene	0.024	J	MG/KG
B2	0-0.5	05-Nov-09	1-Methylnaphthalene	0.025	J	MG/KG
B2	0-0.5	05-Nov-09	Acenaphthylene	0.034	U	MG/KG
B2	0-0.5	05-Nov-09	Naphthalene	0.045	JB	MG/KG
B2	0-0.5	05-Nov-09	Fluorene	0.18	=	MG/KG
B2	0-0.5	05-Nov-09	Dibenz(a,h)anthracene	0.32	=	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
B2	0-0.5	05-Nov-09	Acenaphthene	0.36	=	MG/KG
B2	0-0.5	05-Nov-09	Anthracene	1.1	=	MG/KG
B2	0-0.5	05-Nov-09	PCB-1260 (AROCHLOR 1260)	1.3	J	MG/KG
B2	0-0.5	05-Nov-09	Indeno(1,2,3-cd)pyrene	1.4	=	MG/KG
B2	0-0.5	05-Nov-09	Benzo(g,h,i)perylene	1.6	=	MG/KG
B2	0-0.5	05-Nov-09	Benzo(k)fluoranthene	1.8	=	MG/KG
B2	0-0.5	05-Nov-09	Chrysene	3.4	=	MG/KG
B2	0-0.5	05-Nov-09	Benzo(a)pyrene	3.6	=	MG/KG
B2	0-0.5	05-Nov-09	Phenanthrene	4.3	=	MG/KG
B2	0-0.5	05-Nov-09	BEQ	5.18	=	MG/KG
B2	0-0.5	05-Nov-09	Benzo(b)fluoranthene	5.3	=	MG/KG
B2	0-0.5	05-Nov-09	Benzo(a)anthracene	5.5	=	MG/KG
B2	0-0.5	05-Nov-09	Pyrene	7.3	=	MG/KG
B2	0-0.5	05-Nov-09	Fluoranthene	8.3	=	MG/KG
B2	0-0.5	05-Nov-09	Lead	98.1	=	MG/KG
B3	0-0.5	05-Nov-09	Phenanthrene	0.033	J	MG/KG
B3	0-0.5	05-Nov-09	1-Methylnaphthalene	0.035	U	MG/KG
B3	0-0.5	05-Nov-09	2-Methylnaphthalene	0.035	U	MG/KG
B3	0-0.5	05-Nov-09	Acenaphthene	0.035	U	MG/KG
B3	0-0.5	05-Nov-09	Acenaphthylene	0.035	U	MG/KG
B3	0-0.5	05-Nov-09	Anthracene	0.035	U	MG/KG
B3	0-0.5	05-Nov-09	Fluorene	0.035	U	MG/KG
B3	0-0.5	05-Nov-09	Naphthalene	0.035	U	MG/KG
B3	0-0.5	05-Nov-09	Benzo(k)fluoranthene	0.049	J	MG/KG
B3	0-0.5	05-Nov-09	Indeno(1,2,3-cd)pyrene	0.054	J	MG/KG
B3	0-0.5	05-Nov-09	Dibenz(a,h)anthracene	0.068	U	MG/KG
B3	0-0.5	05-Nov-09	Benzo(g,h,i)perylene	0.07	J	MG/KG
B3	0-0.5	05-Nov-09	Chrysene	0.076	=	MG/KG
B3	0-0.5	05-Nov-09	Benzo(a)pyrene	0.094	=	MG/KG
B3	0-0.5	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.11	=	MG/KG
B3	0-0.5	05-Nov-09	Benzo(a)anthracene	0.11	=	MG/KG
B3	0-0.5	05-Nov-09	Pyrene	0.11	=	MG/KG
B3	0-0.5	05-Nov-09	Fluoranthene	0.12	=	MG/KG
B3	0-0.5	05-Nov-09	Benzo(b)fluoranthene	0.16	=	MG/KG
B3	0-0.5	05-Nov-09	BEQ	0.16	=	MG/KG
B3	0-0.5	05-Nov-09	Lead	84	=	MG/KG
C1	0-0.5	05-Nov-09	1-Methylnaphthalene	0.0082	J	MG/KG
C1	0-0.5	05-Nov-09	2-Methylnaphthalene	0.011	J	MG/KG
C1	0-0.5	05-Nov-09	Benzo(k)fluoranthene	0.014	J	MG/KG
C1	0-0.5	05-Nov-09	Acenaphthene	0.016	UJ	MG/KG
C1	0-0.5	05-Nov-09	Acenaphthylene	0.016	UJ	MG/KG
C1	0-0.5	05-Nov-09	Anthracene	0.016	UJ	MG/KG
C1	0-0.5	05-Nov-09	Fluorene	0.016	UJ	MG/KG
C1	0-0.5	05-Nov-09	Naphthalene	0.016	UJ	MG/KG
C1	0-0.5	05-Nov-09	Indeno(1,2,3-cd)pyrene	0.019	J	MG/KG
C1	0-0.5	05-Nov-09	Phenanthrene	0.027	J	MG/KG
C1	0-0.5	05-Nov-09	Dibenz(a,h)anthracene	0.031	UJ	MG/KG
C1	0-0.5	05-Nov-09	Benzo(a)pyrene	0.032	J	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
C1	0-0.5	05-Nov-09	Benzo(g,h,i)perylene	0.035	J	MG/KG
C1	0-0.5	05-Nov-09	Chrysene	0.036	J	MG/KG
C1	0-0.5	05-Nov-09	Fluoranthene	0.039	J	MG/KG
C1	0-0.5	05-Nov-09	Benzo(a)anthracene	0.048	J	MG/KG
C1	0-0.5	05-Nov-09	Pyrene	0.049	J	MG/KG
C1	0-0.5	05-Nov-09	Benzo(b)fluoranthene	0.056	J	MG/KG
C1	0-0.5	05-Nov-09	BEQ	0.12	=	MG/KG
C1	0-0.5	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	MG/KG
C1	0-0.5	05-Nov-09	PCB-1260 (AROCHLOR 1260)	1.4	=	MG/KG
C1	0-0.5	13-Sep-06	LEAD	32.2	U	MG/KG
C1	0-0.5	05-Nov-09	Lead	34.1	=	MG/KG
C2	0-0.5	05-Nov-09	1-Methylnaphthalene	0.33	U	MG/KG
C2	0-0.5	05-Nov-09	2-Methylnaphthalene	0.33	U	MG/KG
C2	0-0.5	05-Nov-09	Acenaphthylene	0.33	U	MG/KG
C2	0-0.5	05-Nov-09	Naphthalene	0.33	U	MG/KG
C2	0-0.5	05-Nov-09	Fluorene	0.39	=	MG/KG
C2	0-0.5	05-Nov-09	Acenaphthene	0.62	=	MG/KG
C2	0-0.5	05-Nov-09	Dibenz(a,h)anthracene	0.78	=	MG/KG
C2	0-0.5	05-Nov-09	Anthracene	1.2	=	MG/KG
C2	0-0.5	05-Nov-09	Benzo(k)fluoranthene	2.2	=	MG/KG
C2	0-0.5	05-Nov-09	Indeno(1,2,3-cd)pyrene	2.2	=	MG/KG
C2	0-0.5	05-Nov-09	Benzo(g,h,i)perylene	2.8	=	MG/KG
C2	0-0.5	05-Nov-09	Chrysene	4.2	=	MG/KG
C2	0-0.5	05-Nov-09	Benzo(a)pyrene	4.5	=	MG/KG
C2	0-0.5	05-Nov-09	Phenanthrene	5	=	MG/KG
C2	0-0.5	05-Nov-09	BEQ	7.01	=	MG/KG
C2	0-0.5	05-Nov-09	Benzo(a)anthracene	7.3	=	MG/KG
C2	0-0.5	05-Nov-09	Benzo(b)fluoranthene	7.5	=	MG/KG
C2	0-0.5	05-Nov-09	Pyrene	8.6	=	MG/KG
C2	0-0.5	05-Nov-09	Fluoranthene	10.6	=	MG/KG
C2	0-0.5	05-Nov-09	PCB-1260 (AROCHLOR 1260)	41	=	MG/KG
C2	0-0.5	05-Nov-09	Lead	146	=	MG/KG
C3	0-0.5	05-Nov-09	Acenaphthene	0.19	J	MG/KG
C3	0-0.5	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
C3	0-0.5	05-Nov-09	1-Methylnaphthalene	0.34	U	MG/KG
C3	0-0.5	05-Nov-09	2-Methylnaphthalene	0.34	U	MG/KG
C3	0-0.5	05-Nov-09	Acenaphthylene	0.34	U	MG/KG
C3	0-0.5	05-Nov-09	Fluorene	0.34	U	MG/KG
C3	0-0.5	05-Nov-09	Naphthalene	0.34	U	MG/KG
C3	0-0.5	05-Nov-09	Anthracene	0.38	=	MG/KG
C3	0-0.5	05-Nov-09	Dibenz(a,h)anthracene	0.42	J	MG/KG
C3	0-0.5	05-Nov-09	Indeno(1,2,3-cd)pyrene	1.4	=	MG/KG
C3	0-0.5	05-Nov-09	Benzo(g,h,i)perylene	1.5	=	MG/KG
C3	0-0.5	05-Nov-09	Benzo(k)fluoranthene	1.5	=	MG/KG
C3	0-0.5	05-Nov-09	Phenanthrene	1.7	=	MG/KG
C3	0-0.5	05-Nov-09	Chrysene	2.1	=	MG/KG
C3	0-0.5	05-Nov-09	Benzo(a)anthracene	2.3	=	MG/KG
C3	0-0.5	05-Nov-09	Benzo(a)pyrene	2.3	=	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
C3	0-0.5	05-Nov-09	Pyrene	2.9	=	MG/KG
C3	0-0.5	05-Nov-09	BEQ	3.46	=	MG/KG
C3	0-0.5	05-Nov-09	Benzo(b)fluoranthene	3.5	=	MG/KG
C3	0-0.5	05-Nov-09	Fluoranthene	4	=	MG/KG
C3	0-0.5	05-Nov-09	PCB-1260 (AROCHLOR 1260)	15	=	MG/KG
C3	0-0.5	13-Sep-06	LEAD	23.6	J	MG/KG
C3	0-0.5	05-Nov-09	Lead	141	=	MG/KG
C4	0-0.5	05-Nov-09	1-Methylnaphthalene	0.013	J	MG/KG
C4	0-0.5	05-Nov-09	2-Methylnaphthalene	0.013	J	MG/KG
C4	0-0.5	05-Nov-09	Naphthalene	0.014	JB	MG/KG
C4	0-0.5	05-Nov-09	Acenaphthylene	0.045	=	MG/KG
C4	0-0.5	05-Nov-09	Fluorene	0.055	=	MG/KG
C4	0-0.5	05-Nov-09	Acenaphthene	0.09	=	MG/KG
C4	0-0.5	05-Nov-09	Anthracene	0.2	=	MG/KG
C4	0-0.5	05-Nov-09	Dibenz(a,h)anthracene	0.2	=	MG/KG
C4	0-0.5	05-Nov-09	Indeno(1,2,3-cd)pyrene	0.81	=	MG/KG
C4	0-0.5	05-Nov-09	Benzo(k)fluoranthene	0.94	=	MG/KG
C4	0-0.5	05-Nov-09	Benzo(g,h,i)perylene	1	=	MG/KG
C4	0-0.5	05-Nov-09	Phenanthrene	1.3	=	MG/KG
C4	0-0.5	05-Nov-09	Chrysene	1.7	=	MG/KG
C4	0-0.5	05-Nov-09	Benzo(a)pyrene	1.9	=	MG/KG
C4	0-0.5	05-Nov-09	Benzo(a)anthracene	2.5	=	MG/KG
C4	0-0.5	05-Nov-09	BEQ	2.76	=	MG/KG
C4	0-0.5	05-Nov-09	Pyrene	3	=	MG/KG
C4	0-0.5	05-Nov-09	Benzo(b)fluoranthene	3.2	=	MG/KG
C4	0-0.5	05-Nov-09	Fluoranthene	3.4	=	MG/KG
C4	0-0.5	05-Nov-09	PCB-1260 (AROCHLOR 1260)	24	=	MG/KG
C4	0-0.5	05-Nov-09	Lead	192	=	MG/KG
C5	0-0.5	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.25	J	MG/KG
C5	0-0.5	13-Sep-06	LEAD	9.98	J	MG/KG
C6	0-0.5	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.16	J	MG/KG
C6	0-0.5	13-Sep-06	LEAD	60.2	U	MG/KG
C7	0-0.5	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.35	=	MG/KG
C7	0-0.5	13-Sep-06	LEAD	33.4	U	MG/KG
C9	0-0.5	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	MG/KG
C9	0-0.5	13-Sep-06	LEAD	244	=	MG/KG
D1	0-0.5	05-Nov-09	Pyrene	0.17	J	MG/KG
D1	0-0.5	05-Nov-09	Chrysene	0.4	U	MG/KG
D1	0-0.5	05-Nov-09	1-Methylnaphthalene	0.41	U	MG/KG
D1	0-0.5	05-Nov-09	2-Methylnaphthalene	0.41	U	MG/KG
D1	0-0.5	05-Nov-09	Acenaphthene	0.41	U	MG/KG
D1	0-0.5	05-Nov-09	Acenaphthylene	0.41	U	MG/KG
D1	0-0.5	05-Nov-09	Anthracene	0.41	U	MG/KG
D1	0-0.5	05-Nov-09	Fluoranthene	0.41	U	MG/KG
D1	0-0.5	05-Nov-09	Fluorene	0.41	U	MG/KG
D1	0-0.5	05-Nov-09	Naphthalene	0.41	U	MG/KG
D1	0-0.5	05-Nov-09	Phenanthrene	0.41	U	MG/KG
D1	0-0.5	05-Nov-09	Benzo(a)anthracene	0.43	U	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
D1	0-0.5	05-Nov-09	Benzo(a)pyrene	0.55	U	MG/KG
D1	0-0.5	05-Nov-09	Benzo(b)fluoranthene	0.58	U	MG/KG
D1	0-0.5	05-Nov-09	Benzo(k)fluoranthene	0.64	U	MG/KG
D1	0-0.5	05-Nov-09	BEQ	0.77	=	MG/KG
D1	0-0.5	05-Nov-09	Dibenz(a,h)anthracene	0.8	U	MG/KG
D1	0-0.5	05-Nov-09	Indeno(1,2,3-cd)pyrene	0.92	U	MG/KG
D1	0-0.5	05-Nov-09	Benzo(g,h,i)perylene	0.95	U	MG/KG
D1	0-0.5	05-Nov-09	PCB-1260 (AROCHLOR 1260)	15	=	MG/KG
D1	0-0.5	05-Nov-09	Lead	64.7	=	MG/KG
D10	0-0.5	14-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	MG/KG
D10	0-0.5	14-Sep-06	LEAD	35.6	U	MG/KG
D2	0-0.5	16-Jan-07	ALDRIN	0.0012	U	MG/KG
D2	0-0.5	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
D2	0-0.5	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
D2	0-0.5	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
D2	0-0.5	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
D2	0-0.5	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
D2	0-0.5	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
D2	0-0.5	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
D2	0-0.5	16-Jan-07	ENDRIN	0.0012	U	MG/KG
D2	0-0.5	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
D2	0-0.5	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
D2	0-0.5	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
D2	0-0.5	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
D2	0-0.5	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
D2	0-0.5	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
D2	0-0.5	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
D2	0-0.5	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
D2	0-0.5	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
D2	0-0.5	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
D2	0-0.5	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
D2	0-0.5	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
D2	0-0.5	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
D2	0-0.5	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
D2	0-0.5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
D2	0-0.5	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
D2	0-0.5	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
D2	0-0.5	16-Jan-07	STYRENE	0.002	U	MG/KG
D2	0-0.5	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
D2	0-0.5	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
D2	0-0.5	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
D2	0-0.5	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
D2	0-0.5	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
D2	0-0.5	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
D2	0-0.5	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
D2	0-0.5	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
D2	0-0.5	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
D2	0-0.5	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
D2	0-0.5	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
D2	0-0.5	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
D2	0-0.5	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
D2	0-0.5	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
D2	0-0.5	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
D2	0-0.5	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
D2	0-0.5	16-Jan-07	FLUORENE	0.0022	U	MG/KG
D2	0-0.5	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
D2	0-0.5	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
D2	0-0.5	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
D2	0-0.5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
D2	0-0.5	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
D2	0-0.5	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
D2	0-0.5	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
D2	0-0.5	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
D2	0-0.5	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
D2	0-0.5	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
D2	0-0.5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	FLUORENE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	PYRENE	0.293	U	MG/KG
D2	0-0.5	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
D2	0-0.5	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
D2	0-0.5	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
D2	0-0.5	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
D2	0-0.5	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
D2	0-0.5	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
D2	0-0.5	16-Jan-07	PHENOL	1.46	U	MG/KG
D2	0-0.5	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
D2	0-0.5	16-Jan-07	ALUMINUM		=	MG/KG
D2	0-0.5	16-Jan-07	BARIUM		=	MG/KG
D2	0-0.5	16-Jan-07	BERYLLIUM		J	MG/KG
D2	0-0.5	16-Jan-07	CALCIUM		J	MG/KG
D2	0-0.5	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
D2	0-0.5	16-Jan-07	COBALT		J	MG/KG
D2	0-0.5	16-Jan-07	COPPER		U	MG/KG
D2	0-0.5	16-Jan-07	IRON		=	MG/KG
D2	0-0.5	16-Jan-07	LEAD		J	MG/KG
D2	0-0.5	16-Jan-07	MAGNESIUM		=	MG/KG
D2	0-0.5	16-Jan-07	MANGANESE		=	MG/KG
D2	0-0.5	16-Jan-07	MERCURY		J	MG/KG
D2	0-0.5	16-Jan-07	MOLYBDENUM		U	MG/KG
D2	0-0.5	16-Jan-07	NICKEL		U	MG/KG
D2	0-0.5	16-Jan-07	pH		=	PH
D2	0-0.5	16-Jan-07	POTASSIUM		J	MG/KG
D2	0-0.5	16-Jan-07	SELENIUM		U	MG/KG
D2	0-0.5	16-Jan-07	SILVER		U	MG/KG
D2	0-0.5	16-Jan-07	SODIUM		JB	MG/KG
D2	0-0.5	16-Jan-07	THALLIUM		U	MG/KG
D2	0-0.5	16-Jan-07	VANADIUM		=	MG/KG
D2	0-0.5	16-Jan-07	ZINC		U	MG/KG
D2	0-0.5	16-Jan-07	BEQ		U	MG/KG
D3	0-0.5	16-Jan-07	ALDRIN	0.0012	U	MG/KG
D3	0-0.5	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
D3	0-0.5	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
D3	0-0.5	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
D3	0-0.5	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
D3	0-0.5	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
D3	0-0.5	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
D3	0-0.5	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
D3	0-0.5	16-Jan-07	ENDRIN	0.0012	U	MG/KG
D3	0-0.5	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
D3	0-0.5	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
D3	0-0.5	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
D3	0-0.5	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
D3	0-0.5	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
D3	0-0.5	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
D3	0-0.5	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
D3	0-0.5	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
D3	0-0.5	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
D3	0-0.5	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
D3	0-0.5	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
D3	0-0.5	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
D3	0-0.5	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
D3	0-0.5	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
D3	0-0.5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
D3	0-0.5	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
D3	0-0.5	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
D3	0-0.5	16-Jan-07	STYRENE	0.002	U	MG/KG
D3	0-0.5	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
D3	0-0.5	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
D3	0-0.5	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
D3	0-0.5	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
D3	0-0.5	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
D3	0-0.5	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
D3	0-0.5	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
D3	0-0.5	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
D3	0-0.5	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
D3	0-0.5	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
D3	0-0.5	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
D3	0-0.5	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
D3	0-0.5	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
D3	0-0.5	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
D3	0-0.5	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
D3	0-0.5	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
D3	0-0.5	16-Jan-07	FLUORENE	0.0022	U	MG/KG
D3	0-0.5	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
D3	0-0.5	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
D3	0-0.5	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
D3	0-0.5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
D3	0-0.5	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
D3	0-0.5	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
D3	0-0.5	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
D3	0-0.5	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
D3	0-0.5	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
D3	0-0.5	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
D3	0-0.5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
D3	0-0.5	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	FLUORENE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	PYRENE	0.293	U	MG/KG
D3	0-0.5	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
D3	0-0.5	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
D3	0-0.5	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
D3	0-0.5	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
D3	0-0.5	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
D3	0-0.5	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
D3	0-0.5	16-Jan-07	PHENOL	1.46	U	MG/KG
D3	0-0.5	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
D3	0-0.5	05-Nov-09	BEQ	18.6	=	MG/KG
D3	0-0.5	16-Jan-07	BEQ		U	MG/KG
D3	0-0.5	05-Nov-09	1-Methylnaphthalene		=	MG/KG
D3	0-0.5	05-Nov-09	2-Methylnaphthalene		=	MG/KG
D3	0-0.5	05-Nov-09	Acenaphthene		=	MG/KG
D3	0-0.5	05-Nov-09	Acenaphthylene		U	MG/KG
D3	0-0.5	16-Jan-07	ALUMINUM		=	MG/KG
D3	0-0.5	05-Nov-09	Anthracene		=	MG/KG
D3	0-0.5	05-Nov-09	PCB-1260 (AROCHLOR 1260)		=	MG/KG
D3	0-0.5	16-Jan-07	BARIUM		=	MG/KG
D3	0-0.5	05-Nov-09	Benzo(a)anthracene		=	MG/KG
D3	0-0.5	05-Nov-09	Benzo(a)pyrene		=	MG/KG
D3	0-0.5	05-Nov-09	Benzo(b)fluoranthene		=	MG/KG
D3	0-0.5	05-Nov-09	Benzo(g,h,i)perylene		=	MG/KG
D3	0-0.5	05-Nov-09	Benzo(k)fluoranthene		=	MG/KG
D3	0-0.5	16-Jan-07	BERYLLIUM		J	MG/KG
D3	0-0.5	16-Jan-07	CALCIUM		J	MG/KG
D3	0-0.5	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
D3	0-0.5	05-Nov-09	Chrysene		=	MG/KG
D3	0-0.5	16-Jan-07	COBALT		J	MG/KG
D3	0-0.5	16-Jan-07	COPPER		U	MG/KG
D3	0-0.5	05-Nov-09	Dibenz(a,h)anthracene		=	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
D3	0-0.5	05-Nov-09	Fluoranthene		=	MG/KG
D3	0-0.5	05-Nov-09	Fluorene		=	MG/KG
D3	0-0.5	05-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
D3	0-0.5	16-Jan-07	IRON		=	MG/KG
D3	0-0.5	16-Jan-07	LEAD		J	MG/KG
D3	0-0.5	05-Nov-09	Lead		=	MG/KG
D3	0-0.5	16-Jan-07	MAGNESIUM		=	MG/KG
D3	0-0.5	16-Jan-07	MANGANESE		=	MG/KG
D3	0-0.5	16-Jan-07	MERCURY		J	MG/KG
D3	0-0.5	16-Jan-07	MOLYBDENUM		U	MG/KG
D3	0-0.5	05-Nov-09	Naphthalene		JB	MG/KG
D3	0-0.5	16-Jan-07	NICKEL		U	MG/KG
D3	0-0.5	16-Jan-07	pH		=	PH
D3	0-0.5	05-Nov-09	Phenanthrene		=	MG/KG
D3	0-0.5	16-Jan-07	POTASSIUM		J	MG/KG
D3	0-0.5	05-Nov-09	Pyrene		=	MG/KG
D3	0-0.5	16-Jan-07	SELENIUM		U	MG/KG
D3	0-0.5	16-Jan-07	SILVER		U	MG/KG
D3	0-0.5	16-Jan-07	SODIUM		JB	MG/KG
D3	0-0.5	16-Jan-07	THALLIUM		U	MG/KG
D3	0-0.5	16-Jan-07	VANADIUM		=	MG/KG
D3	0-0.5	16-Jan-07	ZINC		U	MG/KG
D4	0-0.5	05-Nov-09	BEQ	1.76	=	MG/KG
D4	0-0.5	05-Nov-09	1-Methylnaphthalene		U	MG/KG
D4	0-0.5	05-Nov-09	2-Methylnaphthalene		U	MG/KG
D4	0-0.5	05-Nov-09	Acenaphthene		J	MG/KG
D4	0-0.5	05-Nov-09	Acenaphthylene		U	MG/KG
D4	0-0.5	05-Nov-09	Anthracene		J	MG/KG
D4	0-0.5	05-Nov-09	PCB-1260 (AROCHLOR 1260)		=	MG/KG
D4	0-0.5	05-Nov-09	Benzo(a)anthracene		=	MG/KG
D4	0-0.5	05-Nov-09	Benzo(a)pyrene		=	MG/KG
D4	0-0.5	05-Nov-09	Benzo(b)fluoranthene		=	MG/KG
D4	0-0.5	05-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
D4	0-0.5	05-Nov-09	Benzo(k)fluoranthene		=	MG/KG
D4	0-0.5	05-Nov-09	Chrysene		=	MG/KG
D4	0-0.5	05-Nov-09	Dibenz(a,h)anthracene		J	MG/KG
D4	0-0.5	05-Nov-09	Fluoranthene		=	MG/KG
D4	0-0.5	05-Nov-09	Fluorene		U	MG/KG
D4	0-0.5	05-Nov-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
D4	0-0.5	14-Sep-06	LEAD		J	MG/KG
D4	0-0.5	05-Nov-09	Lead		=	MG/KG
D4	0-0.5	05-Nov-09	Naphthalene		U	MG/KG
D4	0-0.5	14-Sep-06	PCB-1260 (AROCHLOR 1260)		J	MG/KG
D4	0-0.5	05-Nov-09	Phenanthrene		=	MG/KG
D4	0-0.5	05-Nov-09	Pyrene		=	MG/KG
D6	0-0.5	14-Sep-06	LEAD		=	MG/KG
D6	0-0.5	14-Sep-06	PCB-1260 (AROCHLOR 1260)		=	MG/KG
D7	0-0.5	14-Sep-06	LEAD		U	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
D7	0-0.5	14-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
D8	0-0.5	14-Sep-06	LEAD		=	MG/KG
D8	0-0.5	14-Sep-06	PCB-1260 (AROCHLOR 1260)		J	MG/KG
E1	0-0.5	16-Jan-07	ALDRIN	0.0012	U	MG/KG
E1	0-0.5	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
E1	0-0.5	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
E1	0-0.5	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
E1	0-0.5	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
E1	0-0.5	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
E1	0-0.5	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
E1	0-0.5	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
E1	0-0.5	16-Jan-07	ENDRIN	0.0012	U	MG/KG
E1	0-0.5	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
E1	0-0.5	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
E1	0-0.5	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
E1	0-0.5	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
E1	0-0.5	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
E1	0-0.5	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
E1	0-0.5	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
E1	0-0.5	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
E1	0-0.5	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
E1	0-0.5	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
E1	0-0.5	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
E1	0-0.5	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
E1	0-0.5	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
E1	0-0.5	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
E1	0-0.5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
E1	0-0.5	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
E1	0-0.5	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
E1	0-0.5	16-Jan-07	STYRENE	0.002	U	MG/KG
E1	0-0.5	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
E1	0-0.5	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
E1	0-0.5	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
E1	0-0.5	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
E1	0-0.5	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
E1	0-0.5	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
E1	0-0.5	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
E1	0-0.5	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
E1	0-0.5	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
E1	0-0.5	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
E1	0-0.5	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
E1	0-0.5	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
E1	0-0.5	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
E1	0-0.5	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
E1	0-0.5	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
E1	0-0.5	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
E1	0-0.5	16-Jan-07	FLUORENE	0.0022	U	MG/KG
E1	0-0.5	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E1	0-0.5	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
E1	0-0.5	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
E1	0-0.5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
E1	0-0.5	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
E1	0-0.5	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
E1	0-0.5	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
E1	0-0.5	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
E1	0-0.5	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
E1	0-0.5	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
E1	0-0.5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	FLUORENE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	PYRENE	0.293	U	MG/KG
E1	0-0.5	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
E1	0-0.5	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
E1	0-0.5	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
E1	0-0.5	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
E1	0-0.5	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
E1	0-0.5	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
E1	0-0.5	16-Jan-07	PHENOL	1.46	U	MG/KG
E1	0-0.5	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
E1	0-0.5	16-Jan-07	ALUMINUM		=	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E1	0-0.5	16-Jan-07	BARIUM		=	MG/KG
E1	0-0.5	16-Jan-07	BEQ		U	MG/KG
E1	0-0.5	16-Jan-07	BERYLLIUM		J	MG/KG
E1	0-0.5	16-Jan-07	CALCIUM		J	MG/KG
E1	0-0.5	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
E1	0-0.5	16-Jan-07	COBALT		J	MG/KG
E1	0-0.5	16-Jan-07	COPPER		U	MG/KG
E1	0-0.5	16-Jan-07	IRON		=	MG/KG
E1	0-0.5	16-Jan-07	LEAD		J	MG/KG
E1	0-0.5	16-Jan-07	MAGNESIUM		=	MG/KG
E1	0-0.5	16-Jan-07	MANGANESE		=	MG/KG
E1	0-0.5	16-Jan-07	MERCURY		J	MG/KG
E1	0-0.5	16-Jan-07	MOLYBDENUM		U	MG/KG
E1	0-0.5	16-Jan-07	NICKEL		U	MG/KG
E1	0-0.5	16-Jan-07	pH		=	PH
E1	0-0.5	16-Jan-07	POTASSIUM		J	MG/KG
E1	0-0.5	16-Jan-07	SELENIUM		U	MG/KG
E1	0-0.5	16-Jan-07	SILVER		U	MG/KG
E1	0-0.5	16-Jan-07	SODIUM		JB	MG/KG
E1	0-0.5	16-Jan-07	THALLIUM		U	MG/KG
E1	0-0.5	16-Jan-07	VANADIUM		=	MG/KG
E1	0-0.5	16-Jan-07	ZINC		U	MG/KG
E2	0-0.5	16-Jan-07	ALDRIN	0.0012	U	MG/KG
E2	0-0.5	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
E2	0-0.5	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
E2	0-0.5	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
E2	0-0.5	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
E2	0-0.5	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
E2	0-0.5	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
E2	0-0.5	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
E2	0-0.5	16-Jan-07	ENDRIN	0.0012	U	MG/KG
E2	0-0.5	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
E2	0-0.5	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
E2	0-0.5	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
E2	0-0.5	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
E2	0-0.5	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
E2	0-0.5	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
E2	0-0.5	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
E2	0-0.5	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
E2	0-0.5	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
E2	0-0.5	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
E2	0-0.5	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
E2	0-0.5	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
E2	0-0.5	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
E2	0-0.5	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
E2	0-0.5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
E2	0-0.5	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
E2	0-0.5	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E2	0-0.5	16-Jan-07	STYRENE	0.002	U	MG/KG
E2	0-0.5	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
E2	0-0.5	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
E2	0-0.5	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
E2	0-0.5	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
E2	0-0.5	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
E2	0-0.5	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
E2	0-0.5	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
E2	0-0.5	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
E2	0-0.5	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
E2	0-0.5	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
E2	0-0.5	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
E2	0-0.5	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
E2	0-0.5	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
E2	0-0.5	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
E2	0-0.5	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
E2	0-0.5	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
E2	0-0.5	16-Jan-07	FLUORENE	0.0022	U	MG/KG
E2	0-0.5	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
E2	0-0.5	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
E2	0-0.5	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
E2	0-0.5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
E2	0-0.5	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
E2	0-0.5	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
E2	0-0.5	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
E2	0-0.5	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
E2	0-0.5	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
E2	0-0.5	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
E2	0-0.5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	FLUORENE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E2	0-0.5	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	PYRENE	0.293	U	MG/KG
E2	0-0.5	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
E2	0-0.5	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
E2	0-0.5	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
E2	0-0.5	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
E2	0-0.5	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
E2	0-0.5	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
E2	0-0.5	16-Jan-07	PHENOL	1.46	U	MG/KG
E2	0-0.5	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
E2	0-0.5	16-Jan-07	ALUMINUM		=	MG/KG
E2	0-0.5	16-Jan-07	BARIUM		=	MG/KG
E2	0-0.5	16-Jan-07	BEQ		U	MG/KG
E2	0-0.5	16-Jan-07	BERYLLIUM		J	MG/KG
E2	0-0.5	16-Jan-07	CALCIUM		J	MG/KG
E2	0-0.5	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
E2	0-0.5	16-Jan-07	COBALT		J	MG/KG
E2	0-0.5	16-Jan-07	COPPER		U	MG/KG
E2	0-0.5	16-Jan-07	IRON		=	MG/KG
E2	0-0.5	16-Jan-07	LEAD		J	MG/KG
E2	0-0.5	16-Jan-07	MAGNESIUM		=	MG/KG
E2	0-0.5	16-Jan-07	MANGANESE		=	MG/KG
E2	0-0.5	16-Jan-07	MERCURY		J	MG/KG
E2	0-0.5	16-Jan-07	MOLYBDENUM		U	MG/KG
E2	0-0.5	16-Jan-07	NICKEL		U	MG/KG
E2	0-0.5	16-Jan-07	pH		=	PH
E2	0-0.5	16-Jan-07	POTASSIUM		J	MG/KG
E2	0-0.5	16-Jan-07	SELENIUM		U	MG/KG
E2	0-0.5	16-Jan-07	SILVER		U	MG/KG
E2	0-0.5	16-Jan-07	SODIUM		JB	MG/KG
E2	0-0.5	16-Jan-07	THALLIUM		U	MG/KG
E2	0-0.5	16-Jan-07	VANADIUM		=	MG/KG
E2	0-0.5	16-Jan-07	ZINC		U	MG/KG
E3	0-0.5	16-Jan-07	ALDRIN	0.0012	U	MG/KG
E3	0-0.5	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
E3	0-0.5	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
E3	0-0.5	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
E3	0-0.5	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
E3	0-0.5	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
E3	0-0.5	16-Jan-07	DIELDRIN	0.0012	U	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E3	0-0.5	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
E3	0-0.5	16-Jan-07	ENDRIN	0.0012	U	MG/KG
E3	0-0.5	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
E3	0-0.5	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
E3	0-0.5	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
E3	0-0.5	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
E3	0-0.5	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
E3	0-0.5	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
E3	0-0.5	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
E3	0-0.5	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
E3	0-0.5	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
E3	0-0.5	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
E3	0-0.5	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
E3	0-0.5	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
E3	0-0.5	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
E3	0-0.5	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
E3	0-0.5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
E3	0-0.5	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
E3	0-0.5	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
E3	0-0.5	16-Jan-07	STYRENE	0.002	U	MG/KG
E3	0-0.5	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
E3	0-0.5	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
E3	0-0.5	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
E3	0-0.5	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
E3	0-0.5	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
E3	0-0.5	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
E3	0-0.5	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
E3	0-0.5	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
E3	0-0.5	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
E3	0-0.5	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
E3	0-0.5	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
E3	0-0.5	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
E3	0-0.5	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
E3	0-0.5	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
E3	0-0.5	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
E3	0-0.5	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
E3	0-0.5	16-Jan-07	FLUORENE	0.0022	U	MG/KG
E3	0-0.5	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
E3	0-0.5	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
E3	0-0.5	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
E3	0-0.5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
E3	0-0.5	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
E3	0-0.5	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
E3	0-0.5	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
E3	0-0.5	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
E3	0-0.5	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
E3	0-0.5	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
E3	0-0.5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E3	0-0.5	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	FLUORENE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	PYRENE	0.293	U	MG/KG
E3	0-0.5	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
E3	0-0.5	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
E3	0-0.5	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
E3	0-0.5	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
E3	0-0.5	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
E3	0-0.5	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
E3	0-0.5	16-Jan-07	PHENOL	1.46	U	MG/KG
E3	0-0.5	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
E3	0-0.5	16-Jan-07	ALUMINUM		=	MG/KG
E3	0-0.5	16-Jan-07	BARIUM		=	MG/KG
E3	0-0.5	16-Jan-07	BEQ		U	MG/KG
E3	0-0.5	16-Jan-07	BERYLLIUM		J	MG/KG
E3	0-0.5	16-Jan-07	CALCIUM		J	MG/KG
E3	0-0.5	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
E3	0-0.5	16-Jan-07	COBALT		J	MG/KG
E3	0-0.5	16-Jan-07	COPPER		U	MG/KG
E3	0-0.5	16-Jan-07	IRON		=	MG/KG
E3	0-0.5	16-Jan-07	LEAD		J	MG/KG
E3	0-0.5	16-Jan-07	MAGNESIUM		=	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E3	0-0.5	16-Jan-07	MANGANESE		=	MG/KG
E3	0-0.5	16-Jan-07	MERCURY		J	MG/KG
E3	0-0.5	16-Jan-07	MOLYBDENUM		U	MG/KG
E3	0-0.5	16-Jan-07	NICKEL		U	MG/KG
E3	0-0.5	16-Jan-07	pH		=	PH
E3	0-0.5	16-Jan-07	POTASSIUM		J	MG/KG
E3	0-0.5	16-Jan-07	SELENIUM		U	MG/KG
E3	0-0.5	16-Jan-07	SILVER		U	MG/KG
E3	0-0.5	16-Jan-07	SODIUM		JB	MG/KG
E3	0-0.5	16-Jan-07	THALLIUM		U	MG/KG
E3	0-0.5	16-Jan-07	VANADIUM		=	MG/KG
E3	0-0.5	16-Jan-07	ZINC		U	MG/KG
E4	0-0.5	14-Sep-06	LEAD		J	MG/KG
E4	0-0.5	14-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
E6	0-0.5	14-Sep-06	LEAD		U	MG/KG
E6	0-0.5	14-Sep-06	PCB-1260 (AROCHLOR 1260)		=	MG/KG
E7	0-0.5	16-Jan-07	ALDRIN	0.0012	U	MG/KG
E7	0-0.5	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
E7	0-0.5	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
E7	0-0.5	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
E7	0-0.5	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
E7	0-0.5	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
E7	0-0.5	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
E7	0-0.5	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
E7	0-0.5	16-Jan-07	ENDRIN	0.0012	U	MG/KG
E7	0-0.5	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
E7	0-0.5	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
E7	0-0.5	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
E7	0-0.5	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
E7	0-0.5	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
E7	0-0.5	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
E7	0-0.5	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
E7	0-0.5	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
E7	0-0.5	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
E7	0-0.5	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
E7	0-0.5	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
E7	0-0.5	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
E7	0-0.5	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
E7	0-0.5	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
E7	0-0.5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
E7	0-0.5	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
E7	0-0.5	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
E7	0-0.5	16-Jan-07	STYRENE	0.002	U	MG/KG
E7	0-0.5	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
E7	0-0.5	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
E7	0-0.5	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
E7	0-0.5	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
E7	0-0.5	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E7	0-0.5	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
E7	0-0.5	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
E7	0-0.5	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
E7	0-0.5	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
E7	0-0.5	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
E7	0-0.5	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
E7	0-0.5	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
E7	0-0.5	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
E7	0-0.5	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
E7	0-0.5	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
E7	0-0.5	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
E7	0-0.5	16-Jan-07	FLUORENE	0.0022	U	MG/KG
E7	0-0.5	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
E7	0-0.5	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
E7	0-0.5	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
E7	0-0.5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
E7	0-0.5	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
E7	0-0.5	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
E7	0-0.5	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
E7	0-0.5	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
E7	0-0.5	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
E7	0-0.5	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
E7	0-0.5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	FLUORENE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E7	0-0.5	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	PYRENE	0.293	U	MG/KG
E7	0-0.5	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
E7	0-0.5	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
E7	0-0.5	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
E7	0-0.5	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
E7	0-0.5	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
E7	0-0.5	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
E7	0-0.5	16-Jan-07	PHENOL	1.46	U	MG/KG
E7	0-0.5	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
E7	0-0.5	16-Jan-07	THALLIUM	3.5	U	MG/KG
E7	0-0.5	16-Jan-07	ZINC	3.5	U	MG/KG
E7	0-0.5	16-Jan-07	VANADIUM	4.05	=	MG/KG
E7	0-0.5	16-Jan-07	ALUMINUM		=	MG/KG
E7	0-0.5	16-Jan-07	BARIUM		=	MG/KG
E7	0-0.5	16-Jan-07	BEQ		U	MG/KG
E7	0-0.5	16-Jan-07	BERYLLIUM		J	MG/KG
E7	0-0.5	16-Jan-07	CALCIUM		J	MG/KG
E7	0-0.5	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
E7	0-0.5	16-Jan-07	COBALT		J	MG/KG
E7	0-0.5	16-Jan-07	COPPER		U	MG/KG
E7	0-0.5	16-Jan-07	IRON		=	MG/KG
E7	0-0.5	16-Jan-07	LEAD		J	MG/KG
E7	0-0.5	16-Jan-07	MAGNESIUM		=	MG/KG
E7	0-0.5	16-Jan-07	MANGANESE		=	MG/KG
E7	0-0.5	16-Jan-07	MERCURY		J	MG/KG
E7	0-0.5	16-Jan-07	MOLYBDENUM		U	MG/KG
E7	0-0.5	16-Jan-07	NICKEL		U	MG/KG
E7	0-0.5	16-Jan-07	pH		=	PH
E7	0-0.5	16-Jan-07	POTASSIUM		J	MG/KG
E7	0-0.5	16-Jan-07	SELENIUM		U	MG/KG
E7	0-0.5	16-Jan-07	SILVER		U	MG/KG
E7	0-0.5	16-Jan-07	SODIUM		JB	MG/KG
E9	0-0.5	14-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	MG/KG
E9	0-0.5	14-Sep-06	LEAD	116	=	MG/KG
HFSB-06	0-0.5	Apr-09	BEQ	1.1	=	MG/KG
HFSB-06	0-0.5	Apr-09	PCB-1260 (AROCHLOR 1260)	2.8	=	MG/KG
HFSB-06	0-0.5	Apr-09	Lead	120	=	MG/KG
HFSB-07	0-0.5	Apr-09	BEQ	1.69	=	MG/KG
HFSB-07	0-0.5	Apr-09	PCB-1260 (AROCHLOR 1260)	77	=	MG/KG
HFSB-07	0-0.5	Apr-09	Lead	110	=	MG/KG
HFSB-09	0-0.5	Apr-09	PCB-1260 (AROCHLOR 1260)	0.006	U	MG/KG
HFSB-09	0-0.5	Apr-09	BEQ	15.08	=	MG/KG
HFSB-09	0-0.5	Apr-09	Lead	94	=	MG/KG
L3	0-0.5	06-Sep-06	PCB-1260 (AROCHLOR 1260)	0.1	J	MG/KG
L3	0-0.5	06-Sep-06	Lead	34.2	U	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
L7	0-0.5	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
L7	0-0.5	07-Sep-06	Lead	34.1	=	MG/KG
M1	0-0.5	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
M1	0-0.5	07-Sep-06	Lead	31.4	U	MG/KG
M3	0-0.5	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
M3	0-0.5	07-Sep-06	Lead	45.3	=	MG/KG
M5	0-0.5	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	MG/KG
M5	0-0.5	07-Sep-06	Lead	34	U	MG/KG
M7	0-0.5	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.14	J	MG/KG
M7	0-0.5	07-Sep-06	Lead	87.8	=	MG/KG
M9	0-0.5	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	MG/KG
M9	0-0.5	07-Sep-06	Lead	27.2	J	MG/KG
N1	0-0.5	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	MG/KG
N1	0-0.5	07-Sep-06	Lead	25.3	J	MG/KG
N3	0-0.5	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.2	J	MG/KG
N3	0-0.5	07-Sep-06	Lead	79.5	=	MG/KG
N5	0-0.5	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.075	J	MG/KG
N5	0-0.5	07-Sep-06	Lead	43.2	=	MG/KG
N7	0-0.5	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
N7	0-0.5	07-Sep-06	Lead	170	=	MG/KG
N9	0-0.5	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.095	J	MG/KG
N9	0-0.5	07-Sep-06	Lead	167	=	MG/KG
SB07A	0-0.5	23-Jul-09	PCB-1260 (AROCHLOR 1260)	52	=	MG/KG
SB07E	0-0.5	23-Jul-09	PCB-1260 (AROCHLOR 1260)	98	=	MG/KG
SB07N	0-0.5	23-Jul-09	PCB-1260 (AROCHLOR 1260)	68	=	MG/KG
SB07S	0-0.5	23-Jul-09	PCB-1260 (AROCHLOR 1260)	100	=	MG/KG
SB07W	0-0.5	23-Jul-09	PCB-1260 (AROCHLOR 1260)	15	=	MG/KG
SB09A	0-0.5	23-Jul-09	Acenaphthylene	0.18	U	MG/KG
SB09A	0-0.5	23-Jul-09	2-Methylnaphthalene	1.6	=	MG/KG
SB09A	0-0.5	23-Jul-09	1-Methylnaphthalene	1.8	=	MG/KG
SB09A	0-0.5	23-Jul-09	Dibenz(a,h)anthracene	2.1	=	MG/KG
SB09A	0-0.5	23-Jul-09	Naphthalene	2.3	=	MG/KG
SB09A	0-0.5	23-Jul-09	Fluorene	4.5	=	MG/KG
SB09A	0-0.5	23-Jul-09	Acenaphthene	4.8	=	MG/KG
SB09A	0-0.5	23-Jul-09	Anthracene	7.5	=	MG/KG
SB09A	0-0.5	23-Jul-09	Benzo(k)fluoranthene	8.6	=	MG/KG
SB09A	0-0.5	23-Jul-09	Indeno(1,2,3-cd)pyrene	9.6	=	MG/KG
SB09A	0-0.5	23-Jul-09	Benzo(g,h,i)perylene	11.4	=	MG/KG
SB09A	0-0.5	23-Jul-09	Benzo(b)fluoranthene	15.6	=	MG/KG
SB09A	0-0.5	23-Jul-09	Benzo(a)anthracene	18.1	=	MG/KG
SB09A	0-0.5	23-Jul-09	Benzo(a)pyrene	18.3	=	MG/KG
SB09A	0-0.5	23-Jul-09	Chrysene	18.5	=	MG/KG
SB09A	0-0.5	23-Jul-09	BEQ	24.8	=	MG/KG
SB09A	0-0.5	23-Jul-09	Phenanthrene	31	=	MG/KG
SB09A	0-0.5	23-Jul-09	Pyrene	37.2	=	MG/KG
SB09A	0-0.5	23-Jul-09	Fluoranthene	43.1	=	MG/KG
SB09E	0-0.5	23-Jul-09	Acenaphthylene	0.19	U	MG/KG
SB09E	0-0.5	23-Jul-09	2-Methylnaphthalene	0.64	=	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
SB09E	0-0.5	23-Jul-09	1-Methylnaphthalene	0.93	=	MG/KG
SB09E	0-0.5	23-Jul-09	Dibenz(a,h)anthracene	1.1	=	MG/KG
SB09E	0-0.5	23-Jul-09	Naphthalene	1.2	=	MG/KG
SB09E	0-0.5	23-Jul-09	Fluorene	2.3	=	MG/KG
SB09E	0-0.5	23-Jul-09	Acenaphthene	2.4	=	MG/KG
SB09E	0-0.5	23-Jul-09	Anthracene	3.7	=	MG/KG
SB09E	0-0.5	23-Jul-09	Benzo(k)fluoranthene	5	=	MG/KG
SB09E	0-0.5	23-Jul-09	Indeno(1,2,3-cd)pyrene	5.5	=	MG/KG
SB09E	0-0.5	23-Jul-09	Benzo(g,h,i)perylene	7	=	MG/KG
SB09E	0-0.5	23-Jul-09	Benzo(b)fluoranthene	9.5	=	MG/KG
SB09E	0-0.5	23-Jul-09	Benzo(a)anthracene	10.3	=	MG/KG
SB09E	0-0.5	23-Jul-09	Chrysene	10.6	=	MG/KG
SB09E	0-0.5	23-Jul-09	Benzo(a)pyrene	11.7	=	MG/KG
SB09E	0-0.5	23-Jul-09	BEQ	15.4	=	MG/KG
SB09E	0-0.5	23-Jul-09	Phenanthrene	16	=	MG/KG
SB09E	0-0.5	23-Jul-09	Pyrene	20.8	=	MG/KG
SB09E	0-0.5	23-Jul-09	Fluoranthene	24.1	=	MG/KG
SB09N	0-0.5	23-Jul-09	Acenaphthylene	0.19	U	MG/KG
SB09N	0-0.5	23-Jul-09	Dibenz(a,h)anthracene	3.4	=	MG/KG
SB09N	0-0.5	23-Jul-09	1-Methylnaphthalene	4.4	=	MG/KG
SB09N	0-0.5	23-Jul-09	2-Methylnaphthalene	4.4	=	MG/KG
SB09N	0-0.5	23-Jul-09	Naphthalene	6	=	MG/KG
SB09N	0-0.5	23-Jul-09	Fluorene	10.2	=	MG/KG
SB09N	0-0.5	23-Jul-09	Acenaphthene	11.1	=	MG/KG
SB09N	0-0.5	23-Jul-09	Indeno(1,2,3-cd)pyrene	13.9	=	MG/KG
SB09N	0-0.5	23-Jul-09	Benzo(k)fluoranthene	14	=	MG/KG
SB09N	0-0.5	23-Jul-09	Benzo(g,h,i)perylene	15.9	=	MG/KG
SB09N	0-0.5	23-Jul-09	Anthracene	17.8	=	MG/KG
SB09N	0-0.5	23-Jul-09	Benzo(b)fluoranthene	26.8	=	MG/KG
SB09N	0-0.5	23-Jul-09	Benzo(a)pyrene	29.5	=	MG/KG
SB09N	0-0.5	23-Jul-09	Chrysene	34.1	=	MG/KG
SB09N	0-0.5	23-Jul-09	Benzo(a)anthracene	34.2	=	MG/KG
SB09N	0-0.5	23-Jul-09	BEQ	40.6	=	MG/KG
SB09N	0-0.5	23-Jul-09	Phenanthrene	64.6	=	MG/KG
SB09N	0-0.5	23-Jul-09	Pyrene	72.5	=	MG/KG
SB09N	0-0.5	23-Jul-09	Fluoranthene	86.2	=	MG/KG
SB09S	0-0.5	23-Jul-09	Acenaphthylene	0.19	U	MG/KG
SB09S	0-0.5	23-Jul-09	2-Methylnaphthalene	0.51	=	MG/KG
SB09S	0-0.5	23-Jul-09	1-Methylnaphthalene	0.65	=	MG/KG
SB09S	0-0.5	23-Jul-09	Naphthalene	0.9	=	MG/KG
SB09S	0-0.5	23-Jul-09	Dibenz(a,h)anthracene	0.98	=	MG/KG
SB09S	0-0.5	23-Jul-09	Fluorene	1.8	=	MG/KG
SB09S	0-0.5	23-Jul-09	Acenaphthene	1.9	=	MG/KG
SB09S	0-0.5	23-Jul-09	Anthracene	3	=	MG/KG
SB09S	0-0.5	23-Jul-09	Benzo(k)fluoranthene	4	=	MG/KG
SB09S	0-0.5	23-Jul-09	Indeno(1,2,3-cd)pyrene	4.7	=	MG/KG
SB09S	0-0.5	23-Jul-09	Benzo(g,h,i)perylene	5.8	=	MG/KG
SB09S	0-0.5	23-Jul-09	Benzo(b)fluoranthene	7.3	=	MG/KG

TABLE A-1
Analytical Data
Exposure Unit 1 Depth Interval 0 to 0.5 ft bls

Location	Depth	Sample Date	Analyte	Final Result	Final Validation Flag	Units
SB09S	0-0.5	23-Jul-09	Benzo(a)anthracene	7.9	=	MG/KG
SB09S	0-0.5	23-Jul-09	Chrysene	8.1	=	MG/KG
SB09S	0-0.5	23-Jul-09	Benzo(a)pyrene	9.3	=	MG/KG
SB09S	0-0.5	23-Jul-09	BEQ	12.3	=	MG/KG
SB09S	0-0.5	23-Jul-09	Phenanthrene	12.7	=	MG/KG
SB09S	0-0.5	23-Jul-09	Pyrene	16.2	=	MG/KG
SB09S	0-0.5	23-Jul-09	Fluoranthene	18.4	=	MG/KG
SB09W	0-0.5	23-Jul-09	Acenaphthylene	0.19	U	MG/KG
SB09W	0-0.5	23-Jul-09	2-Methylnaphthalene	1	=	MG/KG
SB09W	0-0.5	23-Jul-09	1-Methylnaphthalene	1.4	=	MG/KG
SB09W	0-0.5	23-Jul-09	Naphthalene	1.5	=	MG/KG
SB09W	0-0.5	23-Jul-09	Dibenz(a,h)anthracene	1.8	=	MG/KG
SB09W	0-0.5	23-Jul-09	Fluorene	3.5	=	MG/KG
SB09W	0-0.5	23-Jul-09	Acenaphthene	4	=	MG/KG
SB09W	0-0.5	23-Jul-09	Anthracene	6.1	=	MG/KG
SB09W	0-0.5	23-Jul-09	Benzo(k)fluoranthene	7.2	=	MG/KG
SB09W	0-0.5	23-Jul-09	Indeno(1,2,3-cd)pyrene	8	=	MG/KG
SB09W	0-0.5	23-Jul-09	Benzo(g,h,i)perylene	9	=	MG/KG
SB09W	0-0.5	23-Jul-09	Benzo(b)fluoranthene	13.5	=	MG/KG
SB09W	0-0.5	23-Jul-09	Benzo(a)anthracene	15.6	=	MG/KG
SB09W	0-0.5	23-Jul-09	Chrysene	16.1	=	MG/KG
SB09W	0-0.5	23-Jul-09	Benzo(a)pyrene	16.4	=	MG/KG
SB09W	0-0.5	23-Jul-09	BEQ	22	=	MG/KG
SB09W	0-0.5	23-Jul-09	Phenanthrene	25.1	=	MG/KG
SB09W	0-0.5	23-Jul-09	Pyrene	32.8	=	MG/KG
SB09W	0-0.5	23-Jul-09	Fluoranthene	37.4	=	MG/KG
SW-E1	0-0.5	12-Nov-07	PCB-1260 (AROCHLOR 1260)	0.039	=	MG/KG
T6	0-0.5	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
T6	0-0.5	12-Sep-06	LEAD	36	U	MG/KG
U1	0-0.5	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	MG/KG
U1	0-0.5	13-Sep-06	LEAD	17.5	J	MG/KG
U3	0-0.5	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
U3	0-0.5	13-Sep-06	LEAD	23.1	J	MG/KG
U4	0-0.5	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
U4	0-0.5	13-Sep-06	LEAD	33.8	U	MG/KG
U6	0-0.5	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	MG/KG
U6	0-0.5	13-Sep-06	LEAD	30.4	J	MG/KG
U7	0-0.5	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	MG/KG
U7	0-0.5	13-Sep-06	LEAD	64	U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E1	04-Nov-09	1-Methylnaphthalene	0.35	U	MG/KG
E1	04-Nov-09	2-Methylnaphthalene	0.35	U	MG/KG
E1	04-Nov-09	Acenaphthene	0.35	U	MG/KG
E1	04-Nov-09	Acenaphthylene	0.35	U	MG/KG
E1	04-Nov-09	Anthracene	0.35	U	MG/KG
E1	04-Nov-09	PCB-1260 (AROCHLOR 1260)	370	=	MG/KG
E1	04-Nov-09	Benzo(a)anthracene	0.17	J	MG/KG
E1	04-Nov-09	Benzo(a)pyrene	0.21	J	MG/KG
E1	04-Nov-09	Benzo(b)fluoranthene	0.3	J	MG/KG
E1	04-Nov-09	Benzo(g,h,i)perylene	0.81	U	MG/KG
E1	04-Nov-09	Benzo(k)fluoranthene	0.55	U	MG/KG
E1	04-Nov-09	Chrysene	0.15	J	MG/KG
E1	04-Nov-09	Dibenz(a,h)anthracene	0.68	U	MG/KG
E1	04-Nov-09	Fluoranthene	0.18	B	MG/KG
E1	04-Nov-09	Fluorene	0.35	U	MG/KG
E1	04-Nov-09	Indeno(1,2,3-cd)pyrene	0.38	J	MG/KG
E1	04-Nov-09	Lead	89.4	=	MG/KG
E1	04-Nov-09	Naphthalene	0.35	U	MG/KG
E1	04-Nov-09	Phenanthrene	0.35	U	MG/KG
E1	04-Nov-09	Pyrene	0.13	J	MG/KG
E2	04-Nov-09	1-Methylnaphthalene	0.17	U	MG/KG
E2	04-Nov-09	2-Methylnaphthalene	0.17	U	MG/KG
E2	04-Nov-09	Acenaphthene	0.17	U	MG/KG
E2	04-Nov-09	Acenaphthylene	0.17	U	MG/KG
E2	04-Nov-09	Anthracene	0.078	J	MG/KG
E2	04-Nov-09	PCB-1260 (AROCHLOR 1260)	80	J	MG/KG
E2	04-Nov-09	Benzo(a)anthracene	0.48	=	MG/KG
E2	04-Nov-09	Benzo(a)pyrene	0.47	=	MG/KG
E2	04-Nov-09	Benzo(b)fluoranthene	0.6	=	MG/KG
E2	04-Nov-09	Benzo(g,h,i)perylene	0.41	=	MG/KG
E2	04-Nov-09	Benzo(k)fluoranthene	0.24	J	MG/KG
E2	04-Nov-09	Chrysene	0.45	=	MG/KG
E2	04-Nov-09	Dibenz(a,h)anthracene	0.16	J	MG/KG
E2	04-Nov-09	Fluoranthene	0.71	B	MG/KG
E2	04-Nov-09	Fluorene	0.17	U	MG/KG
E2	04-Nov-09	Indeno(1,2,3-cd)pyrene	0.58	=	MG/KG
E2	04-Nov-09	Lead	32	J	MG/KG
E2	04-Nov-09	Naphthalene	0.17	U	MG/KG
E2	04-Nov-09	Phenanthrene	0.33	=	MG/KG
E2	04-Nov-09	Pyrene	0.5	=	MG/KG
E3	05-Nov-09	1-Methylnaphthalene	0.34	U	MG/KG
E3	05-Nov-09	2-Methylnaphthalene	0.34	U	MG/KG
E3	05-Nov-09	Acenaphthene	0.26	J	MG/KG
E3	05-Nov-09	Acenaphthylene	0.34	U	MG/KG
E3	05-Nov-09	Anthracene	0.63	=	MG/KG
E3	05-Nov-09	PCB-1260 (AROCHLOR 1260)	13	=	MG/KG
E3	05-Nov-09	Benzo(a)anthracene	3.2	=	MG/KG
E3	05-Nov-09	Benzo(a)pyrene	2.3	=	MG/KG
E3	05-Nov-09	Benzo(b)fluoranthene	3.8	=	MG/KG
E3	05-Nov-09	Benzo(g,h,i)perylene	1.5	=	MG/KG
E3	05-Nov-09	Benzo(k)fluoranthene	1.5	=	MG/KG
E3	05-Nov-09	Chrysene	2.5	=	MG/KG
E3	05-Nov-09	Dibenz(a,h)anthracene	0.47	J	MG/KG
E3	05-Nov-09	Fluoranthene	4.3	=	MG/KG
E3	05-Nov-09	Fluorene	0.17	J	MG/KG
E3	05-Nov-09	Indeno(1,2,3-cd)pyrene	1.9	=	MG/KG
E3	05-Nov-09	Lead	152	=	MG/KG
E3	05-Nov-09	Naphthalene	0.34	U	MG/KG
E3	05-Nov-09	Phenanthrene	2.4	=	MG/KG
E3	05-Nov-09	Pyrene	4.1	=	MG/KG
E4	05-Nov-09	1-Methylnaphthalene	0.33	U	MG/KG
E4	05-Nov-09	2-Methylnaphthalene	0.33	U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E4	05-Nov-09	Acenaphthene	0.33	U	MG/KG
E4	05-Nov-09	Acenaphthylene	0.33	=	MG/KG
E4	05-Nov-09	Anthracene	0.71	=	MG/KG
E4	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.49	=	MG/KG
E4	05-Nov-09	Benzo(a)anthracene	5.1	=	MG/KG
E4	05-Nov-09	Benzo(a)pyrene	3.7	=	MG/KG
E4	05-Nov-09	Benzo(b)fluoranthene	5.5	=	MG/KG
E4	05-Nov-09	Benzo(g,h,i)perylene	1.8	=	MG/KG
E4	05-Nov-09	Benzo(k)fluoranthene	2.6	=	MG/KG
E4	05-Nov-09	Chrysene	4.4	=	MG/KG
E4	05-Nov-09	Dibenz(a,h)anthracene	0.61	J	MG/KG
E4	05-Nov-09	Fluoranthene	5.6	=	MG/KG
E4	05-Nov-09	Fluorene	0.33	U	MG/KG
E4	05-Nov-09	Indeno(1,2,3-cd)pyrene	2.7	=	MG/KG
E4	05-Nov-09	Lead	131	J	MG/KG
E4	05-Nov-09	Naphthalene	0.33	U	MG/KG
E4	05-Nov-09	Phenanthrene	1.1	=	MG/KG
E4	05-Nov-09	Pyrene	10	=	MG/KG
E5	05-Nov-09	1-Methylnaphthalene	0.34	U	MG/KG
E5	05-Nov-09	2-Methylnaphthalene	0.34	U	MG/KG
E5	05-Nov-09	Acenaphthene	0.12	J	MG/KG
E5	05-Nov-09	Acenaphthylene	0.34	U	MG/KG
E5	05-Nov-09	Anthracene	0.34	=	MG/KG
E5	05-Nov-09	PCB-1260 (AROCHLOR 1260)	3.2	J	MG/KG
E5	05-Nov-09	Benzo(a)anthracene	2.4	=	MG/KG
E5	05-Nov-09	Benzo(a)pyrene	1.7	=	MG/KG
E5	05-Nov-09	Benzo(b)fluoranthene	2.9	=	MG/KG
E5	05-Nov-09	Benzo(g,h,i)perylene	1.1	=	MG/KG
E5	05-Nov-09	Benzo(k)fluoranthene	1.1	=	MG/KG
E5	05-Nov-09	Chrysene	1.9	=	MG/KG
E5	05-Nov-09	Dibenz(a,h)anthracene	0.37	J	MG/KG
E5	05-Nov-09	Fluoranthene	3.7	=	MG/KG
E5	05-Nov-09	Fluorene	0.34	U	MG/KG
E5	05-Nov-09	Indeno(1,2,3-cd)pyrene	1.5	=	MG/KG
E5	05-Nov-09	Lead	62.1	=	MG/KG
E5	05-Nov-09	Naphthalene	0.34	U	MG/KG
E5	05-Nov-09	Phenanthrene	1.1	=	MG/KG
E5	05-Nov-09	Pyrene	2.8	=	MG/KG
F1	16-Jan-07	ALUMINUM	534	=	MG/KG
F1	16-Jan-07	BARIUM	2.99	=	MG/KG
F1	16-Jan-07	BERYLLIUM	0.0628	J	MG/KG
F1	16-Jan-07	CALCIUM	278000	J	MG/KG
F1	16-Jan-07	COBALT	0.27	J	MG/KG
F1	16-Jan-07	CHROMIUM, TOTAL	4.39	=	MG/KG
F1	16-Jan-07	COPPER	1.75	U	MG/KG
F1	16-Jan-07	SILVER	1.75	U	MG/KG
F1	16-Jan-07	MAGNESIUM	1920	=	MG/KG
F1	16-Jan-07	SODIUM	188	JB	MG/KG
F1	16-Jan-07	MANGANESE	17.7	=	MG/KG
F1	16-Jan-07	MOLYBDENUM	17.5	U	MG/KG
F1	16-Jan-07	NICKEL	1.75	U	MG/KG
F1	16-Jan-07	SELENIUM	3.15	U	MG/KG
F1	16-Jan-07	THALLIUM	3.5	U	MG/KG
F1	16-Jan-07	VANADIUM	4.05	=	MG/KG
F1	16-Jan-07	ZINC	3.5	U	MG/KG
F1	16-Jan-07	IRON	522	=	MG/KG
F1	16-Jan-07	LEAD	12.6	J	MG/KG
F1	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
F1	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
F1	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
F1	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
F1	16-Jan-07	STYRENE	0.002	U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F1	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
F1	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
F1	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
F1	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
F1	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
F1	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
F1	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
F1	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
F1	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
F1	16-Jan-07	PYRENE	0.293	U	MG/KG
F1	16-Jan-07	PHENOL	1.46	U	MG/KG
F1	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
F1	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
F1	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
F1	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
F1	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
F1	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
F1	16-Jan-07	POTASSIUM		J	MG/KG
F1	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
F1	16-Jan-07	ALDRIN	0.0012	U	MG/KG
F1	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
F1	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F1	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F1	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
F1	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
F1	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
F1	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
F1	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
F1	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
F1	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
F1	16-Jan-07	pH		=	PH
F1	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
F1	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
F1	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
F1	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
F1	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
F1	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
F1	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
F1	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
F1	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
F1	16-Jan-07	FLUORENE	0.0022	U	MG/KG
F1	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
F1	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
F1	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
F1	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
F1	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
F1	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
F1	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
F1	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
F1	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
F1	16-Jan-07	MERCURY		J	MG/KG
F1	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
F1	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
F1	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
F1	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
F1	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
F1	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
F1	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
F1	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
F1	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
F1	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
F1	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F1	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
F1	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
F1	16-Jan-07	ENDRIN	0.0012	U	MG/KG
F1	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
F1	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
F1	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
F1	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
F1	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
F1	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
F1	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
F1	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
F1	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
F1	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
F1	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
F1	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
F1	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
F1	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
F1	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
F1	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
F1	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
F1	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
F1	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
F1	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
F1	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
F1	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
F1	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
F1	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
F1	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
F1	16-Jan-07	FLUORENE	0.293	U	MG/KG
F1	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
F1	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
F1	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
F1	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
F1	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
F1	04-Nov-09	1-Methylnaphthalene		U	MG/KG
F1	04-Nov-09	2-Methylnaphthalene		U	MG/KG
F1	04-Nov-09	Acenaphthene		U	MG/KG
F1	04-Nov-09	Acenaphthylene		U	MG/KG
F1	04-Nov-09	Anthracene		U	MG/KG
F1	04-Nov-09	PCB-1260 (AROCHLOR 1260)		=	MG/KG
F1	04-Nov-09	Benzo(a)anthracene		U	MG/KG
F1	04-Nov-09	Benzo(a)pyrene		U	MG/KG
F1	04-Nov-09	Benzo(b)fluoranthene		U	MG/KG
F1	04-Nov-09	Benzo(g,h,i)perylene		U	MG/KG
F1	04-Nov-09	Benzo(k)fluoranthene		U	MG/KG
F1	04-Nov-09	Chrysene		U	MG/KG
F1	04-Nov-09	Dibenz(a,h)anthracene		U	MG/KG
F1	04-Nov-09	Fluoranthene		U	MG/KG
F1	04-Nov-09	Fluorene		U	MG/KG
F1	04-Nov-09	Indeno(1,2,3-cd)pyrene		U	MG/KG
F1	04-Nov-09	Lead		=	MG/KG
F1	04-Nov-09	Naphthalene		U	MG/KG
F1	04-Nov-09	Phenanthrene		U	MG/KG
F1	04-Nov-09	Pyrene		U	MG/KG
F10	16-Jan-07	ALUMINUM		=	MG/KG
F10	16-Jan-07	BARIUM		=	MG/KG
F10	16-Jan-07	BERYLLIUM		J	MG/KG
F10	16-Jan-07	CALCIUM		J	MG/KG
F10	16-Jan-07	COBALT		J	MG/KG
F10	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
F10	16-Jan-07	COPPER		U	MG/KG
F10	16-Jan-07	SILVER		U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F10	16-Jan-07	MAGNESIUM		=	MG/KG
F10	16-Jan-07	SODIUM		JB	MG/KG
F10	16-Jan-07	MANGANESE		=	MG/KG
F10	16-Jan-07	MOLYBDENUM		U	MG/KG
F10	16-Jan-07	NICKEL		U	MG/KG
F10	16-Jan-07	SELENIUM		U	MG/KG
F10	16-Jan-07	THALLIUM		U	MG/KG
F10	16-Jan-07	VANADIUM		=	MG/KG
F10	16-Jan-07	ZINC		U	MG/KG
F10	16-Jan-07	IRON		=	MG/KG
F10	16-Jan-07	LEAD		J	MG/KG
F10	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
F10	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
F10	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
F10	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
F10	16-Jan-07	STYRENE	0.002	U	MG/KG
F10	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
F10	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
F10	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
F10	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
F10	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
F10	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
F10	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
F10	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
F10	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
F10	16-Jan-07	PYRENE	0.293	U	MG/KG
F10	16-Jan-07	PHENOL	1.46	U	MG/KG
F10	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
F10	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
F10	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
F10	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
F10	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
F10	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
F10	16-Jan-07	POTASSIUM		J	MG/KG
F10	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
F10	16-Jan-07	ALDRIN	0.0012	U	MG/KG
F10	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
F10	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F10	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F10	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
F10	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
F10	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
F10	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
F10	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
F10	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
F10	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
F10	16-Jan-07	pH		=	PH
F10	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
F10	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
F10	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
F10	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
F10	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
F10	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
F10	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
F10	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
F10	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
F10	16-Jan-07	FLUORENE	0.0022	U	MG/KG
F10	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
F10	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
F10	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
F10	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
F10	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F1	16-Jan-07	BEQ		U	MG/KG
F10	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
F10	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
F10	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
F10	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
F10	16-Jan-07	MERCURY		J	MG/KG
F10	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
F10	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
F10	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
F10	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
F10	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
F10	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
F10	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
F10	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
F10	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
F10	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
F10	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
F10	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
F10	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
F10	16-Jan-07	ENDRIN	0.0012	U	MG/KG
F10	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
F10	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
F10	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
F10	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
F10	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
F10	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
F10	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
F10	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
F10	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
F10	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
F10	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
F10	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
F10	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
F10	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
F10	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
F10	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
F10	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
F10	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
F10	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
F10	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
F10	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
F10	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
F10	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
F10	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
F10	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
F10	16-Jan-07	FLUORENE	0.293	U	MG/KG
F10	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
F10	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
F10	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
F10	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
F10	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
F2	04-Nov-09	1-Methylnaphthalene		U	MG/KG
F2	04-Nov-09	2-Methylnaphthalene		J	MG/KG
F2	04-Nov-09	Acenaphthene		=	MG/KG
F2	04-Nov-09	Acenaphthylene		=	MG/KG
F2	04-Nov-09	Anthracene		=	MG/KG
F2	04-Nov-09	PCB-1260 (AROCHLOR 1260)		J	MG/KG
F2	04-Nov-09	Benzo(a)anthracene		=	MG/KG
F2	04-Nov-09	Benzo(a)pyrene		=	MG/KG
F2	04-Nov-09	Benzo(b)fluoranthene		=	MG/KG
F2	04-Nov-09	Benzo(g,h,i)perylene		=	MG/KG
F2	04-Nov-09	Benzo(k)fluoranthene		=	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F2	04-Nov-09	Chrysene		=	MG/KG
F2	04-Nov-09	Dibenz(a,h)anthracene		=	MG/KG
F2	04-Nov-09	Fluoranthene		B	MG/KG
F2	04-Nov-09	Fluorene		=	MG/KG
F2	04-Nov-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
F2	04-Nov-09	Lead		=	MG/KG
F2	04-Nov-09	Naphthalene		J	MG/KG
F2	04-Nov-09	Phenanthrene		=	MG/KG
F2	04-Nov-09	Pyrene		=	MG/KG
F3	16-Jan-07	ALUMINUM		=	MG/KG
F3	16-Jan-07	BARIUM		=	MG/KG
F3	16-Jan-07	BERYLLIUM		J	MG/KG
F3	16-Jan-07	CALCIUM		J	MG/KG
F3	16-Jan-07	COBALT		J	MG/KG
F3	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
F3	16-Jan-07	COPPER		U	MG/KG
F3	16-Jan-07	SILVER		U	MG/KG
F3	16-Jan-07	MAGNESIUM		=	MG/KG
F3	16-Jan-07	SODIUM		JB	MG/KG
F3	16-Jan-07	MANGANESE		=	MG/KG
F3	16-Jan-07	MOLYBDENUM		U	MG/KG
F3	16-Jan-07	NICKEL		U	MG/KG
F3	16-Jan-07	SELENIUM		U	MG/KG
F3	16-Jan-07	THALLIUM		U	MG/KG
F3	16-Jan-07	VANADIUM		=	MG/KG
F3	16-Jan-07	ZINC		U	MG/KG
F3	16-Jan-07	IRON		=	MG/KG
F3	16-Jan-07	LEAD		J	MG/KG
F3	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
F3	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
F3	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
F3	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
F3	16-Jan-07	STYRENE	0.002	U	MG/KG
F3	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
F3	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
F3	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
F3	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
F3	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
F3	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
F3	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
F3	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
F3	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
F3	16-Jan-07	PYRENE	0.293	U	MG/KG
F3	16-Jan-07	PHENOL	1.46	U	MG/KG
F3	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
F3	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
F3	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
F3	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
F3	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
F3	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
F3	16-Jan-07	POTASSIUM		J	MG/KG
F3	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
F3	16-Jan-07	ALDRIN	0.0012	U	MG/KG
F3	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
F3	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F3	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F3	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
F3	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
F3	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
F3	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
F3	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
F3	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F3	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
F3	16-Jan-07	pH		=	PH
F3	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
F3	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
F3	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
F3	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
F3	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
F3	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
F3	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
F3	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
F3	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
F3	16-Jan-07	FLUORENE	0.0022	U	MG/KG
F3	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
F3	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
F3	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
F3	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
F3	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
F10	16-Jan-07	BEQ		U	MG/KG
F3	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
F3	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
F3	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
F3	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
F3	16-Jan-07	MERCURY		J	MG/KG
F3	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
F3	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
F3	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
F3	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
F3	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
F3	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
F3	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
F3	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
F3	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
F3	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
F3	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
F3	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
F3	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
F3	16-Jan-07	ENDRIN	0.0012	U	MG/KG
F3	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
F3	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
F3	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
F3	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
F3	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
F3	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
F3	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
F3	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
F3	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
F3	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
F3	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
F3	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
F3	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
F3	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
F3	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
F3	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
F3	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
F3	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
F3	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
F3	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
F3	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
F3	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
F3	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
F3	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
F3	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F3	16-Jan-07	FLUORENE	0.293	U	MG/KG
F3	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
F3	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
F3	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
F3	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
F3	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
F3	04-Nov-09	1-Methylnaphthalene		U	MG/KG
F3	04-Nov-09	2-Methylnaphthalene		U	MG/KG
F3	04-Nov-09	Acenaphthene		=	MG/KG
F3	04-Nov-09	Acenaphthylene		=	MG/KG
F3	04-Nov-09	Anthracene		=	MG/KG
F3	04-Nov-09	PCB-1260 (AROCHLOR 1260)		=	MG/KG
F3	04-Nov-09	Benzo(a)anthracene		=	MG/KG
F3	04-Nov-09	Benzo(a)pyrene		=	MG/KG
F3	04-Nov-09	Benzo(b)fluoranthene		=	MG/KG
F3	04-Nov-09	Benzo(g,h,i)perylene		=	MG/KG
F3	04-Nov-09	Benzo(k)fluoranthene		=	MG/KG
F3	04-Nov-09	Chrysene		=	MG/KG
F3	04-Nov-09	Dibenz(a,h)anthracene		=	MG/KG
F3	04-Nov-09	Fluoranthene		B	MG/KG
F3	04-Nov-09	Fluorene		J	MG/KG
F3	04-Nov-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
F3	04-Nov-09	Lead		=	MG/KG
F3	04-Nov-09	Naphthalene		J	MG/KG
F3	04-Nov-09	Phenanthrene		=	MG/KG
F3	04-Nov-09	Pyrene		=	MG/KG
F4	04-Nov-09	1-Methylnaphthalene		U	MG/KG
F4	04-Nov-09	2-Methylnaphthalene		U	MG/KG
F4	04-Nov-09	Acenaphthene		=	MG/KG
F4	04-Nov-09	Acenaphthylene		=	MG/KG
F4	04-Nov-09	Anthracene		=	MG/KG
F4	04-Nov-09	PCB-1260 (AROCHLOR 1260)		JB	MG/KG
F4	04-Nov-09	Benzo(a)anthracene		=	MG/KG
F4	04-Nov-09	Benzo(a)pyrene		=	MG/KG
F4	04-Nov-09	Benzo(b)fluoranthene		=	MG/KG
F4	04-Nov-09	Benzo(g,h,i)perylene		=	MG/KG
F4	04-Nov-09	Benzo(k)fluoranthene		=	MG/KG
F4	04-Nov-09	Chrysene		=	MG/KG
F4	04-Nov-09	Dibenz(a,h)anthracene		=	MG/KG
F4	04-Nov-09	Fluoranthene		=	MG/KG
F4	04-Nov-09	Fluorene		J	MG/KG
F4	04-Nov-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
F4	04-Nov-09	Lead		=	MG/KG
F4	04-Nov-09	Naphthalene		J	MG/KG
F4	04-Nov-09	Phenanthrene		=	MG/KG
F4	04-Nov-09	Pyrene		=	MG/KG
F5	16-Jan-07	ALUMINUM		=	MG/KG
F5	16-Jan-07	BARIUM		=	MG/KG
F5	16-Jan-07	BERYLLIUM		J	MG/KG
F5	16-Jan-07	CALCIUM		J	MG/KG
F5	16-Jan-07	COBALT		J	MG/KG
F5	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
F5	16-Jan-07	COPPER		U	MG/KG
F5	16-Jan-07	SILVER		U	MG/KG
F5	16-Jan-07	MAGNESIUM		=	MG/KG
F5	16-Jan-07	SODIUM		JB	MG/KG
F5	16-Jan-07	MANGANESE		=	MG/KG
F5	16-Jan-07	MOLYBDENUM		U	MG/KG
F5	16-Jan-07	NICKEL		U	MG/KG
F5	16-Jan-07	SELENIUM		U	MG/KG
F5	16-Jan-07	THALLIUM		U	MG/KG
F5	16-Jan-07	VANADIUM		=	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F5	16-Jan-07	ZINC		U	MG/KG
F5	16-Jan-07	IRON		=	MG/KG
F5	16-Jan-07	LEAD		J	MG/KG
F5	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
F5	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
F5	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
F5	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
F5	16-Jan-07	STYRENE	0.002	U	MG/KG
F5	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
F5	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
F5	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
F5	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
F5	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
F5	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
F5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
F5	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
F5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
F5	16-Jan-07	PYRENE	0.293	U	MG/KG
F5	16-Jan-07	PHENOL	1.46	U	MG/KG
F5	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
F5	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
F5	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
F5	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
F5	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
F5	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
F5	16-Jan-07	POTASSIUM		J	MG/KG
F5	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
F5	16-Jan-07	ALDRIN	0.0012	U	MG/KG
F5	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
F5	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F5	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F5	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
F5	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
F5	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
F5	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
F5	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
F5	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
F5	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
F5	16-Jan-07	pH		=	PH
F5	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
F5	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
F5	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
F5	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
F5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
F5	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
F5	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
F5	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
F5	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
F5	16-Jan-07	FLUORENE	0.0022	U	MG/KG
F5	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
F5	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
F5	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
F5	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
F5	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
F3	16-Jan-07	BEQ		U	MG/KG
F5	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
F5	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
F5	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
F5	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
F5	16-Jan-07	MERCURY		J	MG/KG
F5	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
F5	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F5	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
F5	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
F5	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
F5	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
F5	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
F5	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
F5	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
F5	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
F5	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
F5	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
F5	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
F5	16-Jan-07	ENDRIN	0.0012	U	MG/KG
F5	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
F5	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
F5	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
F5	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
F5	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
F5	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
F5	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
F5	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
F5	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
F5	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
F5	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
F5	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
F5	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
F5	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
F5	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
F5	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
F5	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
F5	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
F5	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
F5	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
F5	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
F5	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
F5	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
F5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
F5	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
F5	16-Jan-07	FLUORENE	0.293	U	MG/KG
F5	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
F5	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
F5	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
F5	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
F5	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
F5	04-Nov-09	1-Methylnaphthalene		U	MG/KG
F5	04-Nov-09	2-Methylnaphthalene		J	MG/KG
F5	04-Nov-09	Acenaphthene		=	MG/KG
F5	04-Nov-09	Acenaphthylene		=	MG/KG
F5	04-Nov-09	Anthracene		=	MG/KG
F5	04-Nov-09	PCB-1260 (AROCHLOR 1260)		B	MG/KG
F5	04-Nov-09	Benzo(a)anthracene		=	MG/KG
F5	04-Nov-09	Benzo(a)pyrene		=	MG/KG
F5	04-Nov-09	Benzo(b)fluoranthene		=	MG/KG
F5	04-Nov-09	Benzo(g,h,i)perylene		=	MG/KG
F5	04-Nov-09	Benzo(k)fluoranthene		=	MG/KG
F5	04-Nov-09	Chrysene		=	MG/KG
F5	04-Nov-09	Dibenz(a,h)anthracene		=	MG/KG
F5	04-Nov-09	Fluoranthene		=	MG/KG
F5	04-Nov-09	Fluorene		=	MG/KG
F5	04-Nov-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
F5	04-Nov-09	Lead		=	MG/KG
F5	04-Nov-09	Naphthalene		J	MG/KG
F6	16-Jan-07	ALUMINUM		=	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F6	16-Jan-07	BARIUM		=	MG/KG
F6	16-Jan-07	BERYLLIUM		J	MG/KG
F6	16-Jan-07	CALCIUM		J	MG/KG
F6	16-Jan-07	COBALT		J	MG/KG
F6	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
F6	16-Jan-07	COPPER		U	MG/KG
F6	16-Jan-07	SILVER		U	MG/KG
F6	16-Jan-07	MAGNESIUM		=	MG/KG
F6	16-Jan-07	SODIUM		JB	MG/KG
F6	16-Jan-07	MANGANESE		=	MG/KG
F6	16-Jan-07	MOLYBDENUM		U	MG/KG
F6	16-Jan-07	NICKEL		U	MG/KG
F6	16-Jan-07	SELENIUM		U	MG/KG
F6	16-Jan-07	THALLIUM		U	MG/KG
F6	16-Jan-07	VANADIUM		=	MG/KG
F6	16-Jan-07	ZINC		U	MG/KG
F6	16-Jan-07	IRON		=	MG/KG
F6	16-Jan-07	LEAD		J	MG/KG
F6	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
F6	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
F6	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
F6	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
F6	16-Jan-07	STYRENE	0.002	U	MG/KG
F6	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
F6	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
F6	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
F6	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
F6	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
F6	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
F6	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
F6	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
F6	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
F6	16-Jan-07	PYRENE	0.293	U	MG/KG
F6	16-Jan-07	PHENOL	1.46	U	MG/KG
F6	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
F6	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
F6	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
F6	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
F6	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
F6	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
F6	16-Jan-07	POTASSIUM		J	MG/KG
F6	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
F6	16-Jan-07	ALDRIN	0.0012	U	MG/KG
F6	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
F6	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F6	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F6	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
F6	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
F6	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
F6	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
F6	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
F6	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
F6	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
F6	16-Jan-07	pH		=	PH
F6	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
F6	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
F6	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
F6	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
F6	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
F6	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
F6	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
F6	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F6	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
F6	16-Jan-07	FLUORENE	0.0022	U	MG/KG
F6	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
F6	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
F6	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
F6	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
F6	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
F5	16-Jan-07	BEQ		U	MG/KG
F6	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
F6	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
F6	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
F6	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
F6	16-Jan-07	MERCURY		J	MG/KG
F6	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
F6	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
F6	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
F6	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
F6	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
F6	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
F6	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
F6	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
F6	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
F6	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
F6	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
F6	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
F6	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
F6	16-Jan-07	ENDRIN	0.0012	U	MG/KG
F6	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
F6	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
F6	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
F6	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
F6	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
F6	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
F6	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
F6	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
F6	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
F6	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
F6	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
F6	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
F6	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
F6	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
F6	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
F6	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
F6	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
F6	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
F6	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
F6	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
F6	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
F6	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
F6	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
F6	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
F6	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
F6	16-Jan-07	FLUORENE	0.293	U	MG/KG
F6	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
F6	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
F6	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
F6	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
F6	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
F8	16-Jan-07	ALUMINUM		=	MG/KG
F8	16-Jan-07	BARIUM		=	MG/KG
F8	16-Jan-07	BERYLLIUM		J	MG/KG
F8	16-Jan-07	CALCIUM		J	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F8	16-Jan-07	COBALT		J	MG/KG
F8	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
F8	16-Jan-07	COPPER		U	MG/KG
F8	16-Jan-07	SILVER		U	MG/KG
F8	16-Jan-07	MAGNESIUM		=	MG/KG
F8	16-Jan-07	SODIUM		JB	MG/KG
F8	16-Jan-07	MANGANESE		=	MG/KG
F8	16-Jan-07	MOLYBDENUM		U	MG/KG
F8	16-Jan-07	NICKEL		U	MG/KG
F8	16-Jan-07	SELENIUM		U	MG/KG
F8	16-Jan-07	THALLIUM		U	MG/KG
F8	16-Jan-07	VANADIUM		=	MG/KG
F8	16-Jan-07	ZINC		U	MG/KG
F8	16-Jan-07	IRON		=	MG/KG
F8	16-Jan-07	LEAD		J	MG/KG
F8	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
F8	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
F8	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
F8	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
F8	16-Jan-07	STYRENE	0.002	U	MG/KG
F8	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
F8	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
F8	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
F8	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
F8	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
F8	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
F8	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
F8	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
F8	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
F8	16-Jan-07	PYRENE	0.293	U	MG/KG
F8	16-Jan-07	PHENOL	1.46	U	MG/KG
F8	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
F8	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
F8	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
F8	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
F8	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
F8	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
F8	16-Jan-07	POTASSIUM		J	MG/KG
F8	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
F8	16-Jan-07	ALDRIN	0.0012	U	MG/KG
F8	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
F8	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F8	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F8	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
F8	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
F8	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
F8	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
F8	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
F8	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
F8	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
F8	16-Jan-07	pH		=	PH
F8	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
F8	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
F8	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
F8	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
F8	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
F8	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
F8	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
F8	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
F8	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
F8	16-Jan-07	FLUORENE	0.0022	U	MG/KG
F8	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F8	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
F8	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
F8	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
F8	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
F6	16-Jan-07	BEQ		U	MG/KG
F8	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
F8	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
F8	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
F8	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
F8	16-Jan-07	MERCURY		J	MG/KG
F8	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
F8	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
F8	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
F8	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
F8	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
F8	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
F8	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
F8	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
F8	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
F8	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
F8	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
F8	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
F8	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
F8	16-Jan-07	ENDRIN	0.0012	U	MG/KG
F8	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
F8	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
F8	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
F8	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
F8	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
F8	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
F8	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
F8	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
F8	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
F8	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
F8	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
F8	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
F8	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
F8	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
F8	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
F8	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
F8	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
F8	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
F8	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
F8	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
F8	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
F8	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
F8	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
F8	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
F8	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
F8	16-Jan-07	FLUORENE	0.293	U	MG/KG
F8	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
F8	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
F8	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
F8	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
F8	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
G1	04-Nov-09	1-Methylnaphthalene		U	MG/KG
G1	04-Nov-09	2-Methylnaphthalene		U	MG/KG
G1	04-Nov-09	Acenaphthene		U	MG/KG
G1	04-Nov-09	Acenaphthylene		U	MG/KG
G1	04-Nov-09	Anthracene		U	MG/KG
G1	04-Nov-09	PCB-1260 (AROCHLOR 1260)		J	MG/KG
G1	04-Nov-09	Benzo(a)anthracene		J	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
G1	04-Nov-09	Benzo(a)pyrene		J	MG/KG
G1	04-Nov-09	Benzo(b)fluoranthene		J	MG/KG
G1	04-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
G1	04-Nov-09	Benzo(k)fluoranthene		U	MG/KG
G1	04-Nov-09	Chrysene		J	MG/KG
G1	04-Nov-09	Dibenz(a,h)anthracene		U	MG/KG
G1	04-Nov-09	Fluoranthene		=	MG/KG
G1	04-Nov-09	Fluorene		U	MG/KG
G1	04-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
G1	04-Nov-09	Lead		=	MG/KG
G1	04-Nov-09	Naphthalene		U	MG/KG
G1	04-Nov-09	Phenanthrene		J	MG/KG
G1	04-Nov-09	Pyrene		=	MG/KG
G2	04-Nov-09	1-Methylnaphthalene		U	MG/KG
G2	04-Nov-09	2-Methylnaphthalene		U	MG/KG
G2	04-Nov-09	Acenaphthene		U	MG/KG
G2	04-Nov-09	Acenaphthylene		U	MG/KG
G2	04-Nov-09	Anthracene		U	MG/KG
G2	04-Nov-09	PCB-1260 (AROCHLOR 1260)		=	MG/KG
G2	04-Nov-09	Benzo(a)anthracene		=	MG/KG
G2	04-Nov-09	Benzo(a)pyrene		=	MG/KG
G2	04-Nov-09	Benzo(b)fluoranthene		=	MG/KG
G2	04-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
G2	04-Nov-09	Benzo(k)fluoranthene		J	MG/KG
G2	04-Nov-09	Chrysene		=	MG/KG
G2	04-Nov-09	Dibenz(a,h)anthracene		U	MG/KG
G2	04-Nov-09	Fluoranthene		=	MG/KG
G2	04-Nov-09	Fluorene		U	MG/KG
G2	04-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
G2	04-Nov-09	Lead		=	MG/KG
G2	04-Nov-09	Naphthalene		U	MG/KG
G2	04-Nov-09	Phenanthrene		=	MG/KG
G2	04-Nov-09	Pyrene		=	MG/KG
G3	04-Nov-09	1-Methylnaphthalene		J	MG/KG
G3	04-Nov-09	2-Methylnaphthalene		J	MG/KG
G3	04-Nov-09	Acenaphthene		=	MG/KG
G3	04-Nov-09	Acenaphthylene		U	MG/KG
G3	04-Nov-09	Anthracene		=	MG/KG
G3	04-Nov-09	PCB-1260 (AROCHLOR 1260)		B	MG/KG
G3	04-Nov-09	Benzo(a)anthracene		=	MG/KG
G3	04-Nov-09	Benzo(a)pyrene		=	MG/KG
G3	04-Nov-09	Benzo(b)fluoranthene		=	MG/KG
G3	04-Nov-09	Benzo(g,h,i)perylene		=	MG/KG
G3	04-Nov-09	Benzo(k)fluoranthene		=	MG/KG
G3	04-Nov-09	Chrysene		=	MG/KG
G3	04-Nov-09	Dibenz(a,h)anthracene		=	MG/KG
G3	04-Nov-09	Fluoranthene		=	MG/KG
G3	04-Nov-09	Fluorene		=	MG/KG
G3	04-Nov-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
G3	04-Nov-09	Lead		=	MG/KG
G3	04-Nov-09	Naphthalene		J	MG/KG
G3	04-Nov-09	Phenanthrene		=	MG/KG
G3	04-Nov-09	Pyrene		=	MG/KG
G4	04-Nov-09	1-Methylnaphthalene		U	MG/KG
G4	04-Nov-09	2-Methylnaphthalene		U	MG/KG
G4	04-Nov-09	Acenaphthene		U	MG/KG
G4	04-Nov-09	Acenaphthylene		U	MG/KG
G4	04-Nov-09	Anthracene		U	MG/KG
G4	04-Nov-09	PCB-1260 (AROCHLOR 1260)		B	MG/KG
G4	04-Nov-09	Benzo(a)anthracene		=	MG/KG
G4	04-Nov-09	Benzo(a)pyrene		=	MG/KG
G4	04-Nov-09	Benzo(b)fluoranthene		=	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
G4	04-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
G4	04-Nov-09	Benzo(k)fluoranthene		J	MG/KG
G4	04-Nov-09	Chrysene		=	MG/KG
G4	04-Nov-09	Dibenz(a,h)anthracene		U	MG/KG
G4	04-Nov-09	Fluoranthene		=	MG/KG
G4	04-Nov-09	Fluorene		U	MG/KG
G4	04-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
G4	04-Nov-09	Lead		J	MG/KG
G4	04-Nov-09	Naphthalene		U	MG/KG
G4	04-Nov-09	Phenanthrene		=	MG/KG
G4	04-Nov-09	Pyrene		=	MG/KG
G5	04-Nov-09	1-Methylnaphthalene		U	MG/KG
G5	04-Nov-09	2-Methylnaphthalene		U	MG/KG
G5	04-Nov-09	Acenaphthene		U	MG/KG
G5	04-Nov-09	Acenaphthylene		U	MG/KG
G5	04-Nov-09	Anthracene		U	MG/KG
G5	04-Nov-09	PCB-1260 (AROCHLOR 1260)		B	MG/KG
G5	04-Nov-09	Benzo(a)anthracene		J	MG/KG
G5	04-Nov-09	Benzo(a)pyrene		J	MG/KG
G5	04-Nov-09	Benzo(b)fluoranthene		J	MG/KG
G5	04-Nov-09	Benzo(g,h,i)perylene		U	MG/KG
G5	04-Nov-09	Benzo(k)fluoranthene		U	MG/KG
G5	04-Nov-09	Chrysene		J	MG/KG
G5	04-Nov-09	Dibenz(a,h)anthracene		U	MG/KG
G5	04-Nov-09	Fluoranthene		J	MG/KG
G5	04-Nov-09	Fluorene		U	MG/KG
G5	04-Nov-09	Indeno(1,2,3-cd)pyrene		U	MG/KG
G5	04-Nov-09	Lead		=	MG/KG
G5	04-Nov-09	Naphthalene		U	MG/KG
G5	04-Nov-09	Phenanthrene		J	MG/KG
G5	04-Nov-09	Pyrene		J	MG/KG
HFSB-05	Apr-09	PCB-1260 (AROCHLOR 1260)		=	MG/KG
HFSB-05	Apr-09	BEQ		=	MG/KG
HFSB-05	Apr-09	Lead		=	MG/KG
O1	16-Jan-07	ALUMINUM		=	MG/KG
O1	16-Jan-07	BARIUM		=	MG/KG
O1	16-Jan-07	BERYLLIUM		J	MG/KG
O1	16-Jan-07	CALCIUM		J	MG/KG
O1	16-Jan-07	COBALT		J	MG/KG
O1	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
O1	16-Jan-07	COPPER		U	MG/KG
O1	16-Jan-07	SILVER		U	MG/KG
O1	16-Jan-07	MAGNESIUM		=	MG/KG
O1	16-Jan-07	SODIUM		JB	MG/KG
O1	16-Jan-07	MANGANESE		=	MG/KG
O1	16-Jan-07	MOLYBDENUM		U	MG/KG
O1	16-Jan-07	NICKEL		U	MG/KG
O1	16-Jan-07	SELENIUM		U	MG/KG
O1	16-Jan-07	THALLIUM		U	MG/KG
O1	16-Jan-07	VANADIUM		=	MG/KG
O1	16-Jan-07	ZINC		U	MG/KG
O1	16-Jan-07	IRON		=	MG/KG
O1	16-Jan-07	LEAD		J	MG/KG
O1	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
O1	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
O1	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
O1	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
O1	16-Jan-07	STYRENE	0.002	U	MG/KG
O1	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
O1	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
O1	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
O1	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
O1	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
O1	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
O1	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
O1	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
O1	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
O1	16-Jan-07	PYRENE	0.293	U	MG/KG
O1	16-Jan-07	PHENOL	1.46	U	MG/KG
O1	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
O1	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
O1	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
O1	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
O1	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
O1	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
O1	16-Jan-07	POTASSIUM		J	MG/KG
O1	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
O1	16-Jan-07	ALDRIN	0.0012	U	MG/KG
O1	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
O1	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
O1	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
O1	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
O1	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
O1	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
O1	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
O1	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
O1	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
O1	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
O1	16-Jan-07	pH		=	PH
O1	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
O1	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
O1	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
O1	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
O1	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
O1	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
O1	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
O1	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
O1	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
O1	16-Jan-07	FLUORENE	0.0022	U	MG/KG
O1	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
O1	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
O1	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
O1	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
O1	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
F8	16-Jan-07	BEQ		U	MG/KG
O1	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
O1	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
O1	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
O1	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
O1	16-Jan-07	MERCURY		J	MG/KG
O1	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
O1	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
O1	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
O1	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
O1	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
O1	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
O1	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
O1	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
O1	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
O1	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
O1	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
O1	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
O1	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
O1	16-Jan-07	ENDRIN	0.0012	U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
O1	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
O1	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
O1	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
O1	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
O1	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
O1	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
O1	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
O1	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
O1	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
O1	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
O1	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
O1	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
O1	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
O1	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
O1	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
O1	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
O1	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
O1	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
O1	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
O1	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
O1	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
O1	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
O1	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
O1	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
O1	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
O1	16-Jan-07	FLUORENE	0.293	U	MG/KG
O1	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
O1	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
O1	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
O1	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
O1	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
O3	16-Jan-07	ALUMINUM		=	MG/KG
O3	16-Jan-07	BARIUM		=	MG/KG
O3	16-Jan-07	BERYLLIUM		J	MG/KG
O3	16-Jan-07	CALCIUM		J	MG/KG
O3	16-Jan-07	COBALT		J	MG/KG
O3	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
O3	16-Jan-07	COPPER		U	MG/KG
O3	16-Jan-07	SILVER		U	MG/KG
O3	16-Jan-07	MAGNESIUM		=	MG/KG
O3	16-Jan-07	SODIUM		JB	MG/KG
O3	16-Jan-07	MANGANESE		=	MG/KG
O3	16-Jan-07	MOLYBDENUM		U	MG/KG
O3	16-Jan-07	NICKEL		U	MG/KG
O3	16-Jan-07	SELENIUM		U	MG/KG
O3	16-Jan-07	THALLIUM		U	MG/KG
O3	16-Jan-07	VANADIUM		=	MG/KG
O3	16-Jan-07	ZINC		U	MG/KG
O3	16-Jan-07	IRON		=	MG/KG
O3	16-Jan-07	LEAD		J	MG/KG
O3	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
O3	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
O3	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
O3	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
O3	16-Jan-07	STYRENE	0.002	U	MG/KG
O3	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
O3	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
O3	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
O3	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
O3	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
O3	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
O3	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
O3	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
O3	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
O3	16-Jan-07	PYRENE	0.293	U	MG/KG
O3	16-Jan-07	PHENOL	1.46	U	MG/KG
O3	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
O3	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
O3	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
O3	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
O3	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
O3	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
O3	16-Jan-07	POTASSIUM		J	MG/KG
O3	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
O3	16-Jan-07	ALDRIN	0.0012	U	MG/KG
O3	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
O3	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
O3	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
O3	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
O3	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
O3	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
O3	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
O3	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
O3	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
O3	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
O3	16-Jan-07	pH		=	PH
O3	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
O3	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
O3	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
O3	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
O3	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
O3	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
O3	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
O3	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
O3	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
O3	16-Jan-07	FLUORENE	0.0022	U	MG/KG
O3	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
O3	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
O3	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
O3	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
O3	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
O1	16-Jan-07	BEQ		U	MG/KG
O3	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
O3	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
O3	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
O3	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
O3	16-Jan-07	MERCURY		J	MG/KG
O3	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
O3	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
O3	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
O3	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
O3	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
O3	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
O3	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
O3	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
O3	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
O3	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
O3	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
O3	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
O3	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
O3	16-Jan-07	ENDRIN	0.0012	U	MG/KG
O3	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
O3	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
O3	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
O3	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
O3	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
O3	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
O3	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
O3	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
O3	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
O3	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
O3	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
O3	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
O3	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
O3	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
O3	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
O3	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
O3	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
O3	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
O3	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
O3	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
O3	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
O3	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
O3	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
O3	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
O3	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
O3	16-Jan-07	FLUORENE	0.293	U	MG/KG
O3	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
O3	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
O3	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
O3	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
O3	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
O5	8-Sep-06	LEAD		=	MG/KG
O5	8-Sep-06	PCB-1260 (AROCHLOR 1260)		J	MG/KG
O5	8-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
O5	8-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
O5	8-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
O5	8-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
O5	8-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
O5	8-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
O7	16-Jan-07	ALUMINUM		=	MG/KG
O7	16-Jan-07	BARIUM		=	MG/KG
O7	16-Jan-07	BERYLLIUM		J	MG/KG
O7	16-Jan-07	CALCIUM		J	MG/KG
O7	16-Jan-07	COBALT		J	MG/KG
O7	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
O7	16-Jan-07	COPPER		U	MG/KG
O7	16-Jan-07	SILVER		U	MG/KG
O7	16-Jan-07	MAGNESIUM		=	MG/KG
O7	16-Jan-07	SODIUM		JB	MG/KG
O7	16-Jan-07	MANGANESE		=	MG/KG
O7	16-Jan-07	MOLYBDENUM		U	MG/KG
O7	16-Jan-07	NICKEL		U	MG/KG
O7	16-Jan-07	SELENIUM		U	MG/KG
O7	16-Jan-07	THALLIUM		U	MG/KG
O7	16-Jan-07	VANADIUM		=	MG/KG
O7	16-Jan-07	ZINC		U	MG/KG
O7	16-Jan-07	IRON		=	MG/KG
O7	16-Jan-07	LEAD		J	MG/KG
O7	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
O7	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
O7	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
O7	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
O7	16-Jan-07	STYRENE	0.002	U	MG/KG
O7	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
O7	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
O7	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
O7	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
O7	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
O7	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
O7	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
O7	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
O7	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
O7	16-Jan-07	PYRENE	0.293	U	MG/KG
O7	16-Jan-07	PHENOL	1.46	U	MG/KG
O7	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
O7	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
O7	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
O7	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
O7	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
O7	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
O7	16-Jan-07	POTASSIUM		J	MG/KG
O7	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
O7	16-Jan-07	ALDRIN	0.0012	U	MG/KG
O7	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
O7	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
O7	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
O7	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
O7	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
O7	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
O7	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
O7	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
O7	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
O7	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
O7	16-Jan-07	pH		=	PH
O7	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
O7	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
O7	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
O7	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
O7	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
O7	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
O7	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
O7	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
O7	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
O7	16-Jan-07	FLUORENE	0.0022	U	MG/KG
O7	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
O7	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
O7	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
O7	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
O7	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
O3	16-Jan-07	BEQ		U	MG/KG
O7	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
O7	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
O7	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
O7	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
O7	16-Jan-07	MERCURY		J	MG/KG
O7	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
O7	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
O7	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
O7	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
O7	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
O7	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
O7	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
O7	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
O7	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
O7	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
O7	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
O7	16-Jan-07	NITROBENZENE	0.293	U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
O7	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
O7	16-Jan-07	ENDRIN	0.0012	U	MG/KG
O7	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
O7	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
O7	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
O7	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
O7	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
O7	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
O7	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
O7	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
O7	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
O7	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
O7	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
O7	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
O7	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
O7	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
O7	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
O7	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
O7	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
O7	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
O7	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
O7	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
O7	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
O7	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
O7	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
O7	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
O7	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
O7	16-Jan-07	FLUORENE	0.293	U	MG/KG
O7	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
O7	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
O7	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
O7	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
O7	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
O9	8-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
O9	8-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
O9	8-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
O9	8-Sep-06	LEAD		J	MG/KG
O9	8-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
O9	8-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
O9	8-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
O9	8-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
P10	18-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
P10	18-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
P10	18-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
P10	18-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
P10	18-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
P10	18-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
P10	18-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
P10	18-Sep-06	LEAD		=	MG/KG
P2	18-Sep-06	LEAD		=	MG/KG
P2	18-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
P2	18-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
P2	18-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
P2	18-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
P2	18-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
P2	18-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
P2	18-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
P5	16-Jan-07	ALUMINUM		=	MG/KG
P5	16-Jan-07	BARIUM		=	MG/KG
P5	16-Jan-07	BERYLLIUM		J	MG/KG
P5	16-Jan-07	CALCIUM		J	MG/KG
P5	16-Jan-07	COBALT		J	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
P5	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
P5	16-Jan-07	COPPER		U	MG/KG
P5	16-Jan-07	SILVER		U	MG/KG
P5	16-Jan-07	MAGNESIUM		=	MG/KG
P5	16-Jan-07	SODIUM		JB	MG/KG
P5	16-Jan-07	MANGANESE		=	MG/KG
P5	16-Jan-07	MOLYBDENUM		U	MG/KG
P5	16-Jan-07	NICKEL		U	MG/KG
P5	16-Jan-07	SELENIUM		U	MG/KG
P5	16-Jan-07	THALLIUM		U	MG/KG
P5	16-Jan-07	VANADIUM		=	MG/KG
P5	16-Jan-07	ZINC		U	MG/KG
P5	16-Jan-07	IRON		=	MG/KG
P5	16-Jan-07	LEAD		J	MG/KG
P5	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
P5	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
P5	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
P5	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
P5	16-Jan-07	STYRENE	0.002	U	MG/KG
P5	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
P5	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
P5	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
P5	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
P5	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
P5	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
P5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
P5	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
P5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
P5	16-Jan-07	PYRENE	0.293	U	MG/KG
P5	16-Jan-07	PHENOL	1.46	U	MG/KG
P5	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
P5	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
P5	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
P5	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
P5	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
P5	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
P5	16-Jan-07	POTASSIUM		J	MG/KG
P5	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
P5	16-Jan-07	ALDRIN	0.0012	U	MG/KG
P5	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
P5	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
P5	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
P5	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
P5	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
P5	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
P5	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
P5	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
P5	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
P5	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
P5	16-Jan-07	pH		=	PH
P5	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
P5	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
P5	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
P5	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
P5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
P5	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
P5	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
P5	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
P5	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
P5	16-Jan-07	FLUORENE	0.0022	U	MG/KG
P5	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
P5	16-Jan-07	CHRYSENE	0.0022	U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
P5	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
P5	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
P5	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
O7	16-Jan-07	BEQ		U	MG/KG
P5	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
P5	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
P5	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
P5	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
P5	16-Jan-07	MERCURY		J	MG/KG
P5	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
P5	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
P5	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
P5	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
P5	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
P5	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
P5	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
P5	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
P5	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
P5	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
P5	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
P5	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
P5	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
P5	16-Jan-07	ENDRIN	0.0012	U	MG/KG
P5	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
P5	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
P5	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
P5	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
P5	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
P5	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
P5	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
P5	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
P5	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
P5	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
P5	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
P5	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
P5	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
P5	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
P5	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
P5	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
P5	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
P5	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
P5	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
P5	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
P5	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
P5	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
P5	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
P5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
P5	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
P5	16-Jan-07	FLUORENE	0.293	U	MG/KG
P5	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
P5	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
P5	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
P5	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
P5	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
P7	18-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
P7	18-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
P7	18-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
P7	18-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
P7	18-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
P7	18-Sep-06	LEAD		=	MG/KG
P7	18-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
P7	18-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
P8	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
P8	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
P8	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
P8	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
P8	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
P8	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
P8	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
P8	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
P8	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
P8	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
P8	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
P8	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
P8	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
P8	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
P8	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
P8	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
P8	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
P8	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
P8	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
P8	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
P8	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
P8	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
P8	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
P8	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
P8	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
P8	16-Jan-07	ALDRIN	0.0012	U	MG/KG
P8	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
P8	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
P8	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
P8	16-Jan-07	ALUMINUM		=	MG/KG
P8	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
P8	16-Jan-07	BARIUM		=	MG/KG
P8	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
P5	16-Jan-07	BEQ		U	MG/KG
P8	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
P8	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
P8	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
P8	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
P8	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
P8	16-Jan-07	BERYLLIUM		J	MG/KG
P8	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
P8	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
P8	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
P8	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
P8	16-Jan-07	CALCIUM		J	MG/KG
P8	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
P8	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
P8	16-Jan-07	COBALT		J	MG/KG
P8	16-Jan-07	COPPER		U	MG/KG
P8	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
P8	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
P8	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
P8	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
P8	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
P8	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
P8	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
P8	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
P8	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
P8	16-Jan-07	ENDRIN	0.0012	U	MG/KG
P8	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
P8	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
P8	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
P8	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
P8	16-Jan-07	FLUORENE	0.0022	U	MG/KG
P8	16-Jan-07	FLUORENE	0.293	U	MG/KG
P8	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
P8	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
P8	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
P8	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
P8	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
P8	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
P8	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
P8	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
P8	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
P8	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
P8	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
P8	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
P8	16-Jan-07	IRON		=	MG/KG
P8	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
P8	16-Jan-07	LEAD		J	MG/KG
P8	16-Jan-07	MAGNESIUM		=	MG/KG
P8	16-Jan-07	MANGANESE		=	MG/KG
P8	16-Jan-07	MERCURY		J	MG/KG
P8	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
P8	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
P8	16-Jan-07	MOLYBDENUM		U	MG/KG
P8	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
P8	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
P8	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
P8	16-Jan-07	NICKEL		U	MG/KG
P8	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
P8	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
P8	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
P8	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
P8	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
P8	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
P8	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
P8	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
P8	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
P8	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
P8	16-Jan-07	pH		=	PH
P8	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
P8	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
P8	16-Jan-07	PHENOL	1.46	U	MG/KG
P8	16-Jan-07	POTASSIUM		J	MG/KG
P8	16-Jan-07	PYRENE	0.293	U	MG/KG
P8	16-Jan-07	SELENIUM		U	MG/KG
P8	16-Jan-07	SILVER		U	MG/KG
P8	16-Jan-07	SODIUM		JB	MG/KG
P8	16-Jan-07	STYRENE	0.002	U	MG/KG
P8	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
P8	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
P8	16-Jan-07	THALLIUM	3.5	U	MG/KG
P8	16-Jan-07	VANADIUM	4.05	=	MG/KG
P8	16-Jan-07	ZINC	3.5	U	MG/KG
SW-E3	12-Nov-07	PCB-1260 (AROCHLOR 1260)	0.09	=	MG/KG
V1	11-Sep-06	LEAD	70	=	MG/KG
V1	11-Sep-06	PCB-1254 (AROCHLOR 1254)	0.33	U	MG/KG
V1	11-Sep-06	PCB-1248 (AROCHLOR 1248)	0.33	U	MG/KG
V1	11-Sep-06	PCB-1242 (AROCHLOR 1242)	0.17	U	MG/KG
V1	11-Sep-06	PCB-1232 (AROCHLOR 1232)	0.33	U	MG/KG
V1	11-Sep-06	PCB-1221 (AROCHLOR 1221)	0.17	U	MG/KG
V1	11-Sep-06	PCB-1016 (AROCHLOR 1016)	0.33	U	MG/KG
V1	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
V10	11-Sep-06	PCB-1221 (AROCHLOR 1221)	0.16	U	MG/KG
V10	11-Sep-06	PCB-1242 (AROCHLOR 1242)	0.16	U	MG/KG
V10	11-Sep-06	PCB-1248 (AROCHLOR 1248)	0.32	U	MG/KG
V10	11-Sep-06	PCB-1254 (AROCHLOR 1254)	0.32	U	MG/KG
V10	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	MG/KG
V10	11-Sep-06	PCB-1016 (AROCHLOR 1016)	0.32	U	MG/KG
V10	11-Sep-06	PCB-1232 (AROCHLOR 1232)	0.32	U	MG/KG
V10	11-Sep-06	LEAD	34.9	U	MG/KG
V2	11-Sep-06	PCB-1242 (AROCHLOR 1242)	0.16	U	MG/KG
V2	11-Sep-06	LEAD	31.9	U	MG/KG
V2	11-Sep-06	PCB-1221 (AROCHLOR 1221)	0.16	U	MG/KG
V2	11-Sep-06	PCB-1248 (AROCHLOR 1248)	0.32	U	MG/KG
V2	11-Sep-06	PCB-1254 (AROCHLOR 1254)	0.32	U	MG/KG
V2	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	MG/KG
V2	11-Sep-06	PCB-1016 (AROCHLOR 1016)	0.32	U	MG/KG
V2	11-Sep-06	PCB-1232 (AROCHLOR 1232)	0.32	U	MG/KG
V4	11-Sep-06	PCB-1016 (AROCHLOR 1016)	0.32	U	MG/KG
V4	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	MG/KG
V4	11-Sep-06	LEAD	35.2	U	MG/KG
V4	11-Sep-06	PCB-1248 (AROCHLOR 1248)	0.32	U	MG/KG
V4	11-Sep-06	PCB-1242 (AROCHLOR 1242)	0.16	U	MG/KG
V4	11-Sep-06	PCB-1232 (AROCHLOR 1232)	0.32	U	MG/KG
V4	11-Sep-06	PCB-1221 (AROCHLOR 1221)	0.16	U	MG/KG
V4	11-Sep-06	PCB-1254 (AROCHLOR 1254)	0.32	U	MG/KG
V6	11-Sep-06	PCB-1221 (AROCHLOR 1221)	0.16	U	MG/KG
V6	11-Sep-06	PCB-1254 (AROCHLOR 1254)	0.33	U	MG/KG
V6	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
V6	11-Sep-06	PCB-1232 (AROCHLOR 1232)	0.33	U	MG/KG
V6	11-Sep-06	PCB-1248 (AROCHLOR 1248)	0.33	U	MG/KG
V6	11-Sep-06	LEAD	29.5	U	MG/KG
V6	11-Sep-06	PCB-1016 (AROCHLOR 1016)	0.33	U	MG/KG
V6	11-Sep-06	PCB-1242 (AROCHLOR 1242)	0.16	U	MG/KG
V8	11-Sep-06	PCB-1248 (AROCHLOR 1248)	0.33	U	MG/KG
V8	11-Sep-06	PCB-1254 (AROCHLOR 1254)	0.33	U	MG/KG
V8	11-Sep-06	PCB-1242 (AROCHLOR 1242)	0.17	U	MG/KG
V8	11-Sep-06	PCB-1232 (AROCHLOR 1232)	0.33	U	MG/KG
V8	11-Sep-06	PCB-1221 (AROCHLOR 1221)	0.17	U	MG/KG
V8	11-Sep-06	PCB-1016 (AROCHLOR 1016)	0.33	U	MG/KG
V8	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
V8	11-Sep-06	LEAD	22.8	J	MG/KG
W1	12-Sep-06	PCB-1242 (AROCHLOR 1242)	0.17	U	MG/KG
W1	12-Sep-06	PCB-1016 (AROCHLOR 1016)	0.33	U	MG/KG
W1	12-Sep-06	PCB-1232 (AROCHLOR 1232)	0.33	U	MG/KG
W1	12-Sep-06	LEAD	20.8	J	MG/KG
W1	12-Sep-06	PCB-1254 (AROCHLOR 1254)	0.33	U	MG/KG
W1	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
W1	12-Sep-06	PCB-1221 (AROCHLOR 1221)	0.17	U	MG/KG
W1	12-Sep-06	PCB-1248 (AROCHLOR 1248)	0.33	U	MG/KG
W3	12-Sep-06	PCB-1254 (AROCHLOR 1254)	0.33	U	MG/KG
W3	12-Sep-06	LEAD	33.6	U	MG/KG
W3	12-Sep-06	PCB-1016 (AROCHLOR 1016)	0.33	U	MG/KG
W3	12-Sep-06	PCB-1221 (AROCHLOR 1221)	0.17	U	MG/KG
W3	12-Sep-06	PCB-1232 (AROCHLOR 1232)	0.33	U	MG/KG
W3	12-Sep-06	PCB-1248 (AROCHLOR 1248)	0.33	U	MG/KG
W3	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
W3	12-Sep-06	PCB-1242 (AROCHLOR 1242)	0.17	U	MG/KG
W5	12-Sep-06	LEAD	31.4	U	MG/KG
W5	12-Sep-06	PCB-1254 (AROCHLOR 1254)	0.33	U	MG/KG
W5	12-Sep-06	PCB-1232 (AROCHLOR 1232)	0.33	U	MG/KG
W5	12-Sep-06	PCB-1016 (AROCHLOR 1016)	0.33	U	MG/KG
W5	12-Sep-06	PCB-1248 (AROCHLOR 1248)	0.33	U	MG/KG
W5	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG

TABLE A-2
Analytical Data
Exposure Unit 2 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
W5	12-Sep-06	PCB-1221 (AROCHLOR 1221)	0.16	U	MG/KG
W5	12-Sep-06	PCB-1242 (AROCHLOR 1242)	0.16	U	MG/KG
W7	12-Sep-06	PCB-1242 (AROCHLOR 1242)	0.16	U	MG/KG
W7	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
W7	12-Sep-06	PCB-1248 (AROCHLOR 1248)	0.33	U	MG/KG
W7	12-Sep-06	PCB-1221 (AROCHLOR 1221)	0.16	U	MG/KG
W7	12-Sep-06	LEAD	30	U	MG/KG
W7	12-Sep-06	PCB-1016 (AROCHLOR 1016)	0.33	U	MG/KG
W7	12-Sep-06	PCB-1232 (AROCHLOR 1232)	0.33	U	MG/KG
W7	12-Sep-06	PCB-1254 (AROCHLOR 1254)	0.33	U	MG/KG
W9	12-Sep-06	PCB-1221 (AROCHLOR 1221)	0.16	U	MG/KG
W9	12-Sep-06	PCB-1232 (AROCHLOR 1232)	0.33	U	MG/KG
W9	12-Sep-06	PCB-1016 (AROCHLOR 1016)	0.33	U	MG/KG
W9	12-Sep-06	LEAD	15.7	J	MG/KG
W9	12-Sep-06	PCB-1254 (AROCHLOR 1254)	0.33	U	MG/KG
W9	12-Sep-06	PCB-1242 (AROCHLOR 1242)	0.16	U	MG/KG
W9	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
W9	12-Sep-06	PCB-1248 (AROCHLOR 1248)	0.33	U	MG/KG
P8	16-Jan-07	BEQ	0.0025	U	MG/KG
E1	04-Nov-09	BEQ	0.64	=	MG/KG
E2	04-Nov-09	BEQ	0.8	=	MG/KG
E3	05-Nov-09	BEQ	3.86	=	MG/KG
E4	05-Nov-09	BEQ	5.67	=	MG/KG
E5	05-Nov-09	BEQ	2.76	=	MG/KG
F1	04-Nov-09	BEQ	0.33	=	MG/KG
F2	04-Nov-09	BEQ	1.39	=	MG/KG
F3	04-Nov-09	BEQ	2.68	=	MG/KG
F4	04-Nov-09	BEQ	0.91	=	MG/KG
F5	04-Nov-09	BEQ	1.04	=	MG/KG
G1	04-Nov-09	BEQ	0.4	=	MG/KG
G2	04-Nov-09	BEQ	0.13	=	MG/KG
G3	04-Nov-09	BEQ	9.11	=	MG/KG
G4	04-Nov-09	BEQ	1.09	=	MG/KG
G5	04-Nov-09	BEQ	0.73	=	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
G1	16-Jan-07	ALUMINUM	534	=	MG/KG
G1	16-Jan-07	BARIUM	2.99	=	MG/KG
G1	16-Jan-07	BERYLLIUM	0.0628	J	MG/KG
G1	16-Jan-07	CALCIUM	278000	J	MG/KG
G1	16-Jan-07	COBALT	0.27	J	MG/KG
G1	16-Jan-07	CHROMIUM, TOTAL	4.39	=	MG/KG
G1	16-Jan-07	COPPER	1.75	U	MG/KG
G1	16-Jan-07	SILVER	1.75	U	MG/KG
G1	16-Jan-07	MAGNESIUM	1920	=	MG/KG
G1	16-Jan-07	SODIUM	188	JB	MG/KG
G1	16-Jan-07	MANGANESE	17.7	=	MG/KG
G1	16-Jan-07	MOLYBDENUM	17.5	U	MG/KG
G1	16-Jan-07	NICKEL	1.75	U	MG/KG
G1	16-Jan-07	SELENIUM	3.15	U	MG/KG
G1	16-Jan-07	THALLIUM	3.5	U	MG/KG
G1	16-Jan-07	VANADIUM	4.05	=	MG/KG
G1	16-Jan-07	ZINC	3.5	U	MG/KG
G1	16-Jan-07	IRON	522	=	MG/KG
G1	16-Jan-07	LEAD	12.6	J	MG/KG
G1	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
G1	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
G1	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
G1	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
G1	16-Jan-07	STYRENE	0.002	U	MG/KG
G1	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
G1	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
G1	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
G1	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
G1	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
G1	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
G1	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
G1	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
G1	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
G1	16-Jan-07	PYRENE	0.293	U	MG/KG
G1	16-Jan-07	PHENOL	1.46	U	MG/KG
G1	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
G1	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
G1	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
G1	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
G1	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
G1	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
G1	16-Jan-07	POTASSIUM		J	MG/KG
G1	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
G1	16-Jan-07	ALDRIN	0.0012	U	MG/KG
G1	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
G1	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
G1	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
G1	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
G1	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
G1	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
G1	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
G1	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
G1	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
G1	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
G1	16-Jan-07	pH		=	PH
G1	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
G1	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
G1	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
G1	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
G1	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
G1	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
G1	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
G1	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
G1	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
G1	16-Jan-07	FLUORENE	0.0022	U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
G1	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
G1	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
G1	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
G1	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
G1	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
G1	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
G1	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
G1	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
G1	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
G1	16-Jan-07	MERCURY		J	MG/KG
G1	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
G1	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
G1	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
G1	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
G1	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
G1	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
G1	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
G1	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
G1	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
G1	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
G1	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
G1	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
G1	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
G1	16-Jan-07	ENDRIN	0.0012	U	MG/KG
G1	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
G1	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
G1	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
G1	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
G1	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
G1	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
G1	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
G1	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
G1	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
G1	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
G1	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
G1	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
G1	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
G1	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
G1	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
G1	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
G1	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
G1	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
G1	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
G1	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
G1	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
G1	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
G1	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
G1	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
G1	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
G1	16-Jan-07	FLUORENE	0.293	U	MG/KG
G1	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
G1	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
G1	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
G1	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
G1	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
G10	16-Jan-07	ALUMINUM		=	MG/KG
G10	16-Jan-07	BARIUM		=	MG/KG
G10	16-Jan-07	BERYLLIUM		J	MG/KG
G10	16-Jan-07	CALCIUM		J	MG/KG
G10	16-Jan-07	COBALT		J	MG/KG
G10	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
G10	16-Jan-07	COPPER		U	MG/KG
G10	16-Jan-07	SILVER		U	MG/KG
G10	16-Jan-07	MAGNESIUM		=	MG/KG
G10	16-Jan-07	SODIUM		JB	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
G10	16-Jan-07	MANGANESE		=	MG/KG
G10	16-Jan-07	MOLYBDENUM		U	MG/KG
G10	16-Jan-07	NICKEL		U	MG/KG
G10	16-Jan-07	SELENIUM		U	MG/KG
G10	16-Jan-07	THALLIUM		U	MG/KG
G10	16-Jan-07	VANADIUM		=	MG/KG
G10	16-Jan-07	ZINC		U	MG/KG
G10	16-Jan-07	IRON		=	MG/KG
G10	16-Jan-07	LEAD		J	MG/KG
G10	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
G10	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
G10	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
G10	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
G10	16-Jan-07	STYRENE	0.002	U	MG/KG
G10	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
G10	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
G10	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
G10	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
G10	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
G10	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
G10	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
G10	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
G10	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
G10	16-Jan-07	PYRENE	0.293	U	MG/KG
G10	16-Jan-07	PHENOL	1.46	U	MG/KG
G10	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
G10	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
G10	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
G10	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
G10	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
G10	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
G10	16-Jan-07	POTASSIUM		J	MG/KG
G10	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
G10	16-Jan-07	ALDRIN	0.0012	U	MG/KG
G10	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
G10	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
G10	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
G10	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
G10	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
G10	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
G10	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
G10	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
G10	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
G10	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
G10	16-Jan-07	pH		=	PH
G10	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
G10	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
G10	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
G10	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
G10	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
G10	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
G10	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
G10	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
G10	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
G10	16-Jan-07	FLUORENE	0.0022	U	MG/KG
G10	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
G10	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
G10	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
G10	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
G10	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
G10	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
G10	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
G10	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
G10	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
G10	16-Jan-07	MERCURY		J	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
G10	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
G10	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
G10	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
G10	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
G10	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
G10	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
G10	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
G10	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
G10	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
G10	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
G10	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
G10	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
G10	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
G10	16-Jan-07	ENDRIN	0.0012	U	MG/KG
G10	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
G10	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
G10	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
G10	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
G10	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
G10	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
G10	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
G10	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
G10	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
G10	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
G10	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
G10	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
G10	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
G10	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
G10	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
G10	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
G10	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
G10	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
G10	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
G10	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
G10	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
G10	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
G10	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
G10	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
G10	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
G10	16-Jan-07	FLUORENE	0.293	U	MG/KG
G10	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
G10	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
G10	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
G10	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
G10	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
G2	16-Jan-07	ALUMINUM		=	MG/KG
G2	16-Jan-07	BARIUM		=	MG/KG
G2	16-Jan-07	BERYLLIUM		J	MG/KG
G2	16-Jan-07	CALCIUM		J	MG/KG
G2	16-Jan-07	COBALT		J	MG/KG
G2	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
G2	16-Jan-07	COPPER		U	MG/KG
G2	16-Jan-07	SILVER		U	MG/KG
G2	16-Jan-07	MAGNESIUM		=	MG/KG
G2	16-Jan-07	SODIUM		JB	MG/KG
G2	16-Jan-07	MANGANESE		=	MG/KG
G2	16-Jan-07	MOLYBDENUM		U	MG/KG
G2	16-Jan-07	NICKEL		U	MG/KG
G2	16-Jan-07	SELENIUM		U	MG/KG
G2	16-Jan-07	THALLIUM		U	MG/KG
G2	16-Jan-07	VANADIUM		=	MG/KG
G2	16-Jan-07	ZINC		U	MG/KG
G2	16-Jan-07	IRON		=	MG/KG
G2	16-Jan-07	LEAD		J	MG/KG
G2	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
G2	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
G2	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
G2	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
G2	16-Jan-07	STYRENE	0.002	U	MG/KG
G2	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
G2	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
G2	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
G2	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
G2	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
G2	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
G2	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
G2	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
G2	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
G2	16-Jan-07	PYRENE	0.293	U	MG/KG
G2	16-Jan-07	PHENOL	1.46	U	MG/KG
G2	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
G2	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
G2	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
G2	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
G2	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
G2	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
G2	16-Jan-07	POTASSIUM		J	MG/KG
G2	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
G2	16-Jan-07	ALDRIN	0.0012	U	MG/KG
G2	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
G2	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
G2	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
G2	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
G2	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
G2	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
G2	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
G2	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
G2	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
G2	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
G2	16-Jan-07	pH		=	PH
G2	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
G2	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
G2	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
G2	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
G2	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
G2	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
G2	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
G2	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
G2	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
G2	16-Jan-07	FLUORENE	0.0022	U	MG/KG
G2	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
G2	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
G2	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
G2	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
G2	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
G2	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
G2	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
G2	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
G2	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
G2	16-Jan-07	MERCURY		J	MG/KG
G2	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
G2	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
G2	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
G2	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
G2	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
G2	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
G2	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
G2	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
G2	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
G2	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
G2	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
G2	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
G2	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
G2	16-Jan-07	ENDRIN	0.0012	U	MG/KG
G2	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
G2	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
G2	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
G2	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
G2	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
G2	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
G2	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
G2	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
G2	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
G2	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
G2	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
G2	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
G2	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
G2	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
G2	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
G2	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
G2	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
G2	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
G2	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
G2	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
G2	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
G2	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
G2	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
G2	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
G2	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
G2	16-Jan-07	FLUORENE	0.293	U	MG/KG
G2	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
G2	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
G2	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
G2	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
G2	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
G4	15-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
G4	15-Sep-06	LEAD		JB	MG/KG
G4	15-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
G4	15-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
G4	15-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
G4	15-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
G4	15-Sep-06	PCB-1260 (AROCHLOR 1260)		J	MG/KG
G4	15-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
G6	15-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
G6	15-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
G6	15-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
G6	15-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
G6	15-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
G6	15-Sep-06	LEAD		B	MG/KG
G6	15-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
G6	15-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
G8	15-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
G8	15-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
G8	15-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
G8	15-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
G8	15-Sep-06	PCB-1260 (AROCHLOR 1260)		J	MG/KG
G8	15-Sep-06	LEAD		=	MG/KG
G8	15-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
G8	15-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
H1	15-Sep-06	LEAD		U	MG/KG
H1	15-Sep-06	PCB-1260 (AROCHLOR 1260)		J	MG/KG
H1	15-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
H1	15-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
H1	15-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
H1	15-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
H1	15-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
H1	15-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
H1	03-Nov-09	1-Methylnaphthalene		J	MG/KG
H1	03-Nov-09	2-Methylnaphthalene		J	MG/KG
H1	03-Nov-09	Acenaphthene		J	MG/KG
H1	03-Nov-09	Acenaphthylene		J	MG/KG
H1	03-Nov-09	Anthracene		J	MG/KG
H1	03-Nov-09	PCB-1260 (AROCHLOR 1260)		=	MG/KG
H1	03-Nov-09	Benzo(a)anthracene		J	MG/KG
H1	03-Nov-09	Benzo(a)pyrene		J	MG/KG
H1	03-Nov-09	Benzo(b)fluoranthene		J	MG/KG
H1	03-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
H1	03-Nov-09	Benzo(k)fluoranthene		J	MG/KG
H1	03-Nov-09	Chrysene		J	MG/KG
H1	03-Nov-09	Dibenz(a,h)anthracene		J	MG/KG
H1	03-Nov-09	Fluoranthene		J	MG/KG
H1	03-Nov-09	Fluorene		J	MG/KG
H1	03-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
H1	03-Nov-09	Lead		=	MG/KG
H1	03-Nov-09	Naphthalene		J	MG/KG
H1	03-Nov-09	Phenanthrene		J	MG/KG
H1	03-Nov-09	Pyrene		J	MG/KG
H10	15-Sep-06	LEAD		U	MG/KG
H10	15-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
H10	15-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
H10	15-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
H10	15-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
H10	15-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
H10	15-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
H10	15-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
H3	15-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
H3	15-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
H3	15-Sep-06	LEAD		U	MG/KG
H3	15-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
H3	15-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
H3	15-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
H3	15-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
H3	15-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
H4	15-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
H4	15-Sep-06	LEAD		JB	MG/KG
H4	15-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
H4	15-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
H4	15-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
H4	15-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
H4	15-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
H4	15-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
H4	03-Nov-09	1-Methylnaphthalene		J	MG/KG
H4	03-Nov-09	2-Methylnaphthalene		J	MG/KG
H4	03-Nov-09	Acenaphthene		J	MG/KG
H4	03-Nov-09	Acenaphthylene		J	MG/KG
H4	03-Nov-09	Anthracene		J	MG/KG
H4	03-Nov-09	PCB-1260 (AROCHLOR 1260)		=	MG/KG
H4	03-Nov-09	Benzo(a)anthracene		J	MG/KG
H4	03-Nov-09	Benzo(a)pyrene		J	MG/KG
H4	03-Nov-09	Benzo(b)fluoranthene		J	MG/KG
H4	03-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
H4	03-Nov-09	Benzo(k)fluoranthene		J	MG/KG
H4	03-Nov-09	Chrysene		J	MG/KG
H4	03-Nov-09	Dibenz(a,h)anthracene		J	MG/KG
H4	03-Nov-09	Fluoranthene		J	MG/KG
H4	03-Nov-09	Fluorene		J	MG/KG
H4	03-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
H4	03-Nov-09	Lead		=	MG/KG
H4	03-Nov-09	Naphthalene		J	MG/KG
H4	03-Nov-09	Phenanthrene		J	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
H4	03-Nov-09	Pyrene		J	MG/KG
H5	03-Nov-09	1-Methylnaphthalene		J	MG/KG
H5	03-Nov-09	2-Methylnaphthalene		J	MG/KG
H5	03-Nov-09	Acenaphthene		J	MG/KG
H5	03-Nov-09	Acenaphthylene		J	MG/KG
H5	03-Nov-09	Anthracene		J	MG/KG
H5	03-Nov-09	PCB-1260 (AROCHLOR 1260)		=	MG/KG
H5	03-Nov-09	Benzo(a)anthracene		J	MG/KG
H5	03-Nov-09	Benzo(a)pyrene		J	MG/KG
H5	03-Nov-09	Benzo(b)fluoranthene		J	MG/KG
H5	03-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
H5	03-Nov-09	Benzo(k)fluoranthene		J	MG/KG
H5	03-Nov-09	Chrysene		J	MG/KG
H5	03-Nov-09	Dibenz(a,h)anthracene		J	MG/KG
H5	03-Nov-09	Fluoranthene		J	MG/KG
H5	03-Nov-09	Fluorene		J	MG/KG
H5	03-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
H5	03-Nov-09	Lead		=	MG/KG
H5	03-Nov-09	Naphthalene		=	MG/KG
H5	03-Nov-09	Phenanthrene		J	MG/KG
H5	03-Nov-09	Pyrene		J	MG/KG
H6	15-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
H6	15-Sep-06	LEAD		U	MG/KG
H6	15-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
H6	15-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
H6	15-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
H6	15-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
H6	15-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
H6	15-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
H8	15-Sep-06	LEAD		U	MG/KG
H8	15-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
H8	15-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
H8	15-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
H8	15-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
H8	15-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
H8	15-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
H8	15-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
HFSB-01	Apr-09	PCB-1260 (AROCHLOR 1260)		=	MG/KG
HFSB-01	Apr-09	BEQ		=	MG/KG
HFSB-01	Apr-09	Lead		=	MG/KG
HFSB-02	Apr-09	PCB-1260 (AROCHLOR 1260)		U	MG/KG
HFSB-02	Apr-09	BEQ		=	MG/KG
HFSB-02	Apr-09	Lead		=	MG/KG
HFSB-03	Apr-09	PCB-1260 (AROCHLOR 1260)		=	MG/KG
HFSB-03	Apr-09	BEQ		=	MG/KG
HFSB-03	Apr-09	Lead		=	MG/KG
HFSB-04	Apr-09	PCB-1260 (AROCHLOR 1260)		=	MG/KG
HFSB-04	Apr-09	BEQ		=	MG/KG
HFSB-04	Apr-09	Lead		=	MG/KG
I1	03-Nov-09	1-Methylnaphthalene		UJ	MG/KG
I1	03-Nov-09	2-Methylnaphthalene		UJ	MG/KG
I1	03-Nov-09	Acenaphthene		UJ	MG/KG
I1	03-Nov-09	Acenaphthylene		J	MG/KG
I1	03-Nov-09	Anthracene		UJ	MG/KG
I1	03-Nov-09	PCB-1260 (AROCHLOR 1260)		=	MG/KG
I1	03-Nov-09	Benzo(a)anthracene		J	MG/KG
I1	03-Nov-09	Benzo(a)pyrene		J	MG/KG
I1	03-Nov-09	Benzo(b)fluoranthene		J	MG/KG
I1	03-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
I1	03-Nov-09	Benzo(k)fluoranthene		J	MG/KG
I1	03-Nov-09	Chrysene		J	MG/KG
I1	03-Nov-09	Dibenz(a,h)anthracene		UJ	MG/KG
I1	03-Nov-09	Fluoranthene		J	MG/KG
I1	03-Nov-09	Fluorene		UJ	MG/KG
I1	03-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
I1	03-Nov-09	Lead		=	MG/KG
I1	03-Nov-09	Naphthalene		U	MG/KG
I1	03-Nov-09	Phenanthrene		J	MG/KG
I1	03-Nov-09	Pyrene		J	MG/KG
I2	03-Nov-09	1-Methylnaphthalene		UJ	MG/KG
I2	03-Nov-09	2-Methylnaphthalene		UJ	MG/KG
I2	03-Nov-09	Acenaphthene		UJ	MG/KG
I2	03-Nov-09	Acenaphthylene		UJ	MG/KG
I2	03-Nov-09	Anthracene		UJ	MG/KG
I2	03-Nov-09	PCB-1260 (AROCHLOR 1260)		=	MG/KG
I2	03-Nov-09	Benzo(a)anthracene		J	MG/KG
I2	03-Nov-09	Benzo(a)pyrene		J	MG/KG
I2	03-Nov-09	Benzo(b)fluoranthene		J	MG/KG
I2	03-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
I2	03-Nov-09	Benzo(k)fluoranthene		J	MG/KG
I2	03-Nov-09	Chrysene		J	MG/KG
I2	03-Nov-09	Dibenz(a,h)anthracene		UJ	MG/KG
I2	03-Nov-09	Fluoranthene		J	MG/KG
I2	03-Nov-09	Fluorene		UJ	MG/KG
I2	03-Nov-09	Indeno(1,2,3-cd)pyrene		UJ	MG/KG
I2	03-Nov-09	Lead		=	MG/KG
I2	03-Nov-09	Naphthalene		U	MG/KG
I2	03-Nov-09	Phenanthrene		J	MG/KG
I2	03-Nov-09	Pyrene		J	MG/KG
I3	03-Nov-09	1-Methylnaphthalene		UJ	MG/KG
I3	03-Nov-09	2-Methylnaphthalene		UJ	MG/KG
I3	03-Nov-09	Acenaphthene		UJ	MG/KG
I3	03-Nov-09	Acenaphthylene		UJ	MG/KG
I3	03-Nov-09	Anthracene		UJ	MG/KG
I3	03-Nov-09	PCB-1260 (AROCHLOR 1260)		=	MG/KG
I3	03-Nov-09	Benzo(a)anthracene		J	MG/KG
I3	03-Nov-09	Benzo(a)pyrene		J	MG/KG
I3	03-Nov-09	Benzo(b)fluoranthene		J	MG/KG
I3	03-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
I3	03-Nov-09	Benzo(k)fluoranthene		J	MG/KG
I3	03-Nov-09	Chrysene		J	MG/KG
I3	03-Nov-09	Dibenz(a,h)anthracene		UJ	MG/KG
I3	03-Nov-09	Fluoranthene		J	MG/KG
I3	03-Nov-09	Fluorene		UJ	MG/KG
I3	03-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
I3	03-Nov-09	Lead		=	MG/KG
I3	03-Nov-09	Naphthalene		U	MG/KG
I3	03-Nov-09	Phenanthrene		J	MG/KG
I3	03-Nov-09	Pyrene		J	MG/KG
I4	03-Nov-09	1-Methylnaphthalene		=	MG/KG
I4	03-Nov-09	2-Methylnaphthalene		=	MG/KG
I4	03-Nov-09	Acenaphthene		=	MG/KG
I4	03-Nov-09	Acenaphthylene		J	MG/KG
I4	03-Nov-09	Anthracene		=	MG/KG
I4	03-Nov-09	PCB-1260 (AROCHLOR 1260)		B	MG/KG
I4	03-Nov-09	Benzo(a)anthracene		=	MG/KG
I4	03-Nov-09	Benzo(a)pyrene		=	MG/KG
I4	03-Nov-09	Benzo(b)fluoranthene		=	MG/KG
I4	03-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
I4	03-Nov-09	Benzo(k)fluoranthene		J	MG/KG
I4	03-Nov-09	Chrysene		=	MG/KG
I4	03-Nov-09	Dibenz(a,h)anthracene		=	MG/KG
I4	03-Nov-09	Fluoranthene		=	MG/KG
I4	03-Nov-09	Fluorene		=	MG/KG
I4	03-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
I4	03-Nov-09	Lead		J	MG/KG
I4	03-Nov-09	Naphthalene		=	MG/KG
I4	03-Nov-09	Phenanthrene		=	MG/KG
I4	03-Nov-09	Pyrene		=	MG/KG
I5	03-Nov-09	1-Methylnaphthalene		=	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
I5	03-Nov-09	2-Methylnaphthalene		=	MG/KG
I5	03-Nov-09	Acenaphthene		=	MG/KG
I5	03-Nov-09	Acenaphthylene		=	MG/KG
I5	03-Nov-09	Anthracene		=	MG/KG
I5	03-Nov-09	PCB-1260 (AROCHLOR 1260)		B	MG/KG
I5	03-Nov-09	Benzo(a)anthracene		=	MG/KG
I5	03-Nov-09	Benzo(a)pyrene		=	MG/KG
I5	03-Nov-09	Benzo(b)fluoranthene		=	MG/KG
I5	03-Nov-09	Benzo(g,h,i)perylene		=	MG/KG
I5	03-Nov-09	Benzo(k)fluoranthene		=	MG/KG
I5	03-Nov-09	Chrysene		=	MG/KG
I5	03-Nov-09	Dibenz(a,h)anthracene		=	MG/KG
I5	03-Nov-09	Fluoranthene		=	MG/KG
I5	03-Nov-09	Fluorene		=	MG/KG
I5	03-Nov-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
I5	03-Nov-09	Lead		=	MG/KG
I5	03-Nov-09	Naphthalene		=	MG/KG
I5	03-Nov-09	Phenanthrene		=	MG/KG
I5	03-Nov-09	Pyrene		=	MG/KG
J1	03-Nov-09	1-Methylnaphthalene		U	MG/KG
J1	03-Nov-09	2-Methylnaphthalene		J	MG/KG
J1	03-Nov-09	Acenaphthene		U	MG/KG
J1	03-Nov-09	Acenaphthylene		J	MG/KG
J1	03-Nov-09	Anthracene		J	MG/KG
J1	03-Nov-09	PCB-1260 (AROCHLOR 1260)		B	MG/KG
J1	03-Nov-09	Benzo(a)anthracene		=	MG/KG
J1	03-Nov-09	Benzo(a)pyrene		=	MG/KG
J1	03-Nov-09	Benzo(b)fluoranthene		=	MG/KG
J1	03-Nov-09	Benzo(g,h,i)perylene		=	MG/KG
J1	03-Nov-09	Benzo(k)fluoranthene		=	MG/KG
J1	03-Nov-09	Chrysene		=	MG/KG
J1	03-Nov-09	Dibenz(a,h)anthracene		J	MG/KG
J1	03-Nov-09	Fluoranthene		=	MG/KG
J1	03-Nov-09	Fluorene		U	MG/KG
J1	03-Nov-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
J1	03-Nov-09	Lead		=	MG/KG
J1	03-Nov-09	Naphthalene		U	MG/KG
J1	03-Nov-09	Phenanthrene		=	MG/KG
J1	03-Nov-09	Pyrene		=	MG/KG
J2	03-Nov-09	1-Methylnaphthalene		U	MG/KG
J2	03-Nov-09	2-Methylnaphthalene		U	MG/KG
J2	03-Nov-09	Acenaphthene		U	MG/KG
J2	03-Nov-09	Acenaphthylene		U	MG/KG
J2	03-Nov-09	Anthracene		J	MG/KG
J2	03-Nov-09	PCB-1260 (AROCHLOR 1260)		B	MG/KG
J2	03-Nov-09	Benzo(a)anthracene		=	MG/KG
J2	03-Nov-09	Benzo(a)pyrene		=	MG/KG
J2	03-Nov-09	Benzo(b)fluoranthene		=	MG/KG
J2	03-Nov-09	Benzo(g,h,i)perylene		=	MG/KG
J2	03-Nov-09	Benzo(k)fluoranthene		=	MG/KG
J2	03-Nov-09	Chrysene		=	MG/KG
J2	03-Nov-09	Dibenz(a,h)anthracene		J	MG/KG
J2	03-Nov-09	Fluoranthene		=	MG/KG
J2	03-Nov-09	Fluorene		U	MG/KG
J2	03-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
J2	03-Nov-09	Lead		=	MG/KG
J2	03-Nov-09	Naphthalene		U	MG/KG
J2	03-Nov-09	Phenanthrene		=	MG/KG
J2	03-Nov-09	Pyrene		=	MG/KG
J3	03-Nov-09	1-Methylnaphthalene		U	MG/KG
J3	03-Nov-09	2-Methylnaphthalene		U	MG/KG
J3	03-Nov-09	Acenaphthene		U	MG/KG
J3	03-Nov-09	Acenaphthylene		=	MG/KG
J3	03-Nov-09	Anthracene		J	MG/KG
J3	03-Nov-09	PCB-1260 (AROCHLOR 1260)		JB	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
J3	03-Nov-09	Benzo(a)anthracene		=	MG/KG
J3	03-Nov-09	Benzo(a)pyrene		=	MG/KG
J3	03-Nov-09	Benzo(b)fluoranthene		=	MG/KG
J3	03-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
J3	03-Nov-09	Benzo(k)fluoranthene		J	MG/KG
J3	03-Nov-09	Chrysene		=	MG/KG
J3	03-Nov-09	Dibenz(a,h)anthracene		J	MG/KG
J3	03-Nov-09	Fluoranthene		=	MG/KG
J3	03-Nov-09	Fluorene		U	MG/KG
J3	03-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
J3	03-Nov-09	Lead		=	MG/KG
J3	03-Nov-09	Naphthalene		U	MG/KG
J3	03-Nov-09	Phenanthrene		=	MG/KG
J3	03-Nov-09	Pyrene		=	MG/KG
J4	03-Nov-09	1-Methylnaphthalene		U	MG/KG
J4	03-Nov-09	2-Methylnaphthalene		U	MG/KG
J4	03-Nov-09	Acenaphthene		=	MG/KG
J4	03-Nov-09	Acenaphthylene		=	MG/KG
J4	03-Nov-09	Anthracene		=	MG/KG
J4	03-Nov-09	PCB-1260 (AROCHLOR 1260)		B	MG/KG
J4	03-Nov-09	Benzo(a)anthracene		=	MG/KG
J4	03-Nov-09	Benzo(a)pyrene		=	MG/KG
J4	03-Nov-09	Benzo(b)fluoranthene		=	MG/KG
J4	03-Nov-09	Benzo(g,h,i)perylene		=	MG/KG
J4	03-Nov-09	Benzo(k)fluoranthene		=	MG/KG
J4	03-Nov-09	Chrysene		=	MG/KG
J4	03-Nov-09	Dibenz(a,h)anthracene		J	MG/KG
J4	03-Nov-09	Fluoranthene		=	MG/KG
J4	03-Nov-09	Fluorene		=	MG/KG
J4	03-Nov-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
J4	03-Nov-09	Lead		=	MG/KG
J4	03-Nov-09	Naphthalene		J	MG/KG
J4	03-Nov-09	Phenanthrene		=	MG/KG
J4	03-Nov-09	Pyrene		=	MG/KG
J5	03-Nov-09	1-Methylnaphthalene		J	MG/KG
J5	03-Nov-09	2-Methylnaphthalene		J	MG/KG
J5	03-Nov-09	Acenaphthene		=	MG/KG
J5	03-Nov-09	Acenaphthylene		=	MG/KG
J5	03-Nov-09	Anthracene		=	MG/KG
J5	03-Nov-09	PCB-1260 (AROCHLOR 1260)		B	MG/KG
J5	03-Nov-09	Benzo(a)anthracene		=	MG/KG
J5	03-Nov-09	Benzo(a)pyrene		=	MG/KG
J5	03-Nov-09	Benzo(b)fluoranthene		=	MG/KG
J5	03-Nov-09	Benzo(g,h,i)perylene		=	MG/KG
J5	03-Nov-09	Benzo(k)fluoranthene		=	MG/KG
J5	03-Nov-09	Chrysene		=	MG/KG
J5	03-Nov-09	Dibenz(a,h)anthracene		J	MG/KG
J5	03-Nov-09	Fluoranthene		=	MG/KG
J5	03-Nov-09	Fluorene		=	MG/KG
J5	03-Nov-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
J5	03-Nov-09	Lead		=	MG/KG
J5	03-Nov-09	Naphthalene		=	MG/KG
J5	03-Nov-09	Phenanthrene		=	MG/KG
J5	03-Nov-09	Pyrene		=	MG/KG
Q1	18-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
Q1	18-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
Q1	18-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
Q1	18-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
Q1	18-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
Q1	18-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
Q1	18-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
Q1	18-Sep-06	LEAD		U	MG/KG
Q10	18-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
Q10	18-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
Q10	18-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
Q10	18-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
Q10	18-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
Q10	18-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
Q10	18-Sep-06	LEAD		J	MG/KG
Q10	18-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
Q3	18-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
Q3	18-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
Q3	18-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
Q3	18-Sep-06	LEAD		J	MG/KG
Q3	18-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
Q3	18-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
Q3	18-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
Q3	18-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
Q4	18-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
Q4	18-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
Q4	18-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
Q4	18-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
Q4	18-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
Q4	18-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
Q4	18-Sep-06	LEAD		J	MG/KG
Q4	18-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
Q5	16-Jan-07	ALUMINUM		=	MG/KG
Q5	16-Jan-07	BARIUM		=	MG/KG
Q5	16-Jan-07	BERYLLIUM		J	MG/KG
Q5	16-Jan-07	CALCIUM		J	MG/KG
Q5	16-Jan-07	COBALT		J	MG/KG
Q5	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
Q5	16-Jan-07	COPPER		U	MG/KG
Q5	16-Jan-07	SILVER		U	MG/KG
Q5	16-Jan-07	MAGNESIUM		=	MG/KG
Q5	16-Jan-07	SODIUM		JB	MG/KG
Q5	16-Jan-07	MANGANESE		=	MG/KG
Q5	16-Jan-07	MOLYBDENUM		U	MG/KG
Q5	16-Jan-07	NICKEL		U	MG/KG
Q5	16-Jan-07	SELENIUM		U	MG/KG
Q5	16-Jan-07	THALLIUM		U	MG/KG
Q5	16-Jan-07	VANADIUM		=	MG/KG
Q5	16-Jan-07	ZINC		U	MG/KG
Q5	16-Jan-07	IRON		=	MG/KG
Q5	16-Jan-07	LEAD		J	MG/KG
Q5	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
Q5	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
Q5	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
Q5	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
Q5	16-Jan-07	STYRENE	0.002	U	MG/KG
Q5	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
Q5	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
Q5	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
Q5	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
Q5	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
Q5	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
Q5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
Q5	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
Q5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
Q5	16-Jan-07	PYRENE	0.293	U	MG/KG
Q5	16-Jan-07	PHENOL	1.46	U	MG/KG
Q5	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
Q5	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
Q5	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
Q5	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
Q5	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
Q5	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
Q5	16-Jan-07	POTASSIUM		J	MG/KG
Q5	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
Q5	16-Jan-07	ALDRIN	0.0012	U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
Q5	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
Q5	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
Q5	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
Q5	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
Q5	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
Q5	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
Q5	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
Q5	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
Q5	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
Q5	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
Q5	16-Jan-07	pH		=	PH
Q5	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
Q5	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
Q5	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
Q5	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
Q5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
Q5	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
Q5	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
Q5	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
Q5	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
Q5	16-Jan-07	FLUORENE	0.0022	U	MG/KG
Q5	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
Q5	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
Q5	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
Q5	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
Q5	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
Q5	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
Q5	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
Q5	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
Q5	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
Q5	16-Jan-07	MERCURY		J	MG/KG
Q5	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
Q5	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
Q5	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
Q5	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
Q5	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
Q5	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
Q5	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
Q5	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
Q5	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
Q5	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
Q5	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
Q5	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
Q5	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
Q5	16-Jan-07	ENDRIN	0.0012	U	MG/KG
Q5	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
Q5	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
Q5	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
Q5	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
Q5	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
Q5	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
Q5	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
Q5	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
Q5	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
Q5	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
Q5	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
Q5	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
Q5	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
Q5	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
Q5	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
Q5	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
Q5	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
Q5	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
Q5	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
Q5	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
Q5	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
Q5	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
Q5	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
Q5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
Q5	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
Q5	16-Jan-07	FLUORENE	0.293	U	MG/KG
Q5	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
Q5	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
Q5	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
Q5	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
Q5	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
Q6	18-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
Q6	18-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
Q6	18-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
Q6	18-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
Q6	18-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
Q6	18-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
Q6	18-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
Q6	18-Sep-06	LEAD		U	MG/KG
Q7	16-Jan-07	ALUMINUM		=	MG/KG
Q7	16-Jan-07	BARIUM		=	MG/KG
Q7	16-Jan-07	BERYLLIUM		J	MG/KG
Q7	16-Jan-07	CALCIUM		J	MG/KG
Q7	16-Jan-07	COBALT		J	MG/KG
Q7	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
Q7	16-Jan-07	COPPER		U	MG/KG
Q7	16-Jan-07	SILVER		U	MG/KG
Q7	16-Jan-07	MAGNESIUM		=	MG/KG
Q7	16-Jan-07	SODIUM		JB	MG/KG
Q7	16-Jan-07	MANGANESE		=	MG/KG
Q7	16-Jan-07	MOLYBDENUM		U	MG/KG
Q7	16-Jan-07	NICKEL		U	MG/KG
Q7	16-Jan-07	SELENIUM		U	MG/KG
Q7	16-Jan-07	THALLIUM		U	MG/KG
Q7	16-Jan-07	VANADIUM		=	MG/KG
Q7	16-Jan-07	ZINC		U	MG/KG
Q7	16-Jan-07	IRON		=	MG/KG
Q7	16-Jan-07	LEAD		J	MG/KG
Q7	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
Q7	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
Q7	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
Q7	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
Q7	16-Jan-07	STYRENE	0.002	U	MG/KG
Q7	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
Q7	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
Q7	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
Q7	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
Q7	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
Q7	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
Q7	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
Q7	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
Q7	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
Q7	16-Jan-07	PYRENE	0.293	U	MG/KG
Q7	16-Jan-07	PHENOL	1.46	U	MG/KG
Q7	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
Q7	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
Q7	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
Q7	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
Q7	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
Q7	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
Q7	16-Jan-07	POTASSIUM		J	MG/KG
Q7	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
Q7	16-Jan-07	ALDRIN	0.0012	U	MG/KG
Q7	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
Q7	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
Q7	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
Q7	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
Q7	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
Q7	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
Q7	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
Q7	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
Q7	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
Q7	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
Q7	16-Jan-07	pH		=	PH
Q7	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
Q7	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
Q7	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
Q7	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
Q7	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
Q7	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
Q7	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
Q7	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
Q7	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
Q7	16-Jan-07	FLUORENE	0.0022	U	MG/KG
Q7	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
Q7	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
Q7	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
Q7	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
Q7	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
Q7	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
Q7	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
Q7	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
Q7	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
Q7	16-Jan-07	MERCURY		J	MG/KG
Q7	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
Q7	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
Q7	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
Q7	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
Q7	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
Q7	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
Q7	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
Q7	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
Q7	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
Q7	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
Q7	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
Q7	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
Q7	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
Q7	16-Jan-07	ENDRIN	0.0012	U	MG/KG
Q7	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
Q7	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
Q7	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
Q7	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
Q7	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
Q7	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
Q7	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
Q7	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
Q7	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
Q7	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
Q7	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
Q7	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
Q7	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
Q7	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
Q7	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
Q7	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
Q7	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
Q7	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
Q7	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
Q7	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
Q7	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
Q7	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
Q7	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
Q7	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
Q7	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
Q7	16-Jan-07	FLUORENE	0.293	U	MG/KG
Q7	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
Q7	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
Q7	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
Q7	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
Q7	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
Q8	16-Jan-07	ALUMINUM		=	MG/KG
Q8	16-Jan-07	BARIUM		=	MG/KG
Q8	16-Jan-07	BERYLLIUM		J	MG/KG
Q8	16-Jan-07	CALCIUM		J	MG/KG
Q8	16-Jan-07	COBALT		J	MG/KG
Q8	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
Q8	16-Jan-07	COPPER		U	MG/KG
Q8	16-Jan-07	SILVER		U	MG/KG
Q8	16-Jan-07	MAGNESIUM		=	MG/KG
Q8	16-Jan-07	SODIUM		JB	MG/KG
Q8	16-Jan-07	MANGANESE		=	MG/KG
Q8	16-Jan-07	MOLYBDENUM		U	MG/KG
Q8	16-Jan-07	NICKEL		U	MG/KG
Q8	16-Jan-07	SELENIUM		U	MG/KG
Q8	16-Jan-07	THALLIUM		U	MG/KG
Q8	16-Jan-07	VANADIUM		=	MG/KG
Q8	16-Jan-07	ZINC		U	MG/KG
Q8	16-Jan-07	IRON		=	MG/KG
Q8	16-Jan-07	LEAD		J	MG/KG
Q8	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
Q8	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
Q8	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
Q8	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
Q8	16-Jan-07	STYRENE	0.002	U	MG/KG
Q8	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
Q8	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
Q8	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
Q8	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
Q8	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
Q8	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
Q8	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
Q8	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
Q8	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
Q8	16-Jan-07	PYRENE	0.293	U	MG/KG
Q8	16-Jan-07	PHENOL	1.46	U	MG/KG
Q8	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
Q8	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
Q8	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
Q8	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
Q8	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
Q8	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
Q8	16-Jan-07	POTASSIUM		J	MG/KG
Q8	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
Q8	16-Jan-07	ALDRIN	0.0012	U	MG/KG
Q8	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
Q8	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
Q8	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
Q8	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
Q8	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
Q8	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
Q8	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
Q8	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
Q8	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
Q8	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
Q8	16-Jan-07	pH		=	PH
Q8	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
Q8	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
Q8	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
Q8	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
Q8	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
Q8	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
Q8	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
Q8	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
Q8	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
Q8	16-Jan-07	FLUORENE	0.0022	U	MG/KG
Q8	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
Q8	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
Q8	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
Q8	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
Q8	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
Q8	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
Q8	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
Q8	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
Q8	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
Q8	16-Jan-07	MERCURY		J	MG/KG
Q8	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
Q8	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
Q8	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
Q8	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
Q8	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
Q8	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
Q8	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
Q8	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
Q8	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
Q8	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
Q8	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
Q8	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
Q8	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
Q8	16-Jan-07	ENDRIN	0.0012	U	MG/KG
Q8	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
Q8	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
Q8	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
Q8	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
Q8	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
Q8	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
Q8	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
Q8	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
Q8	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
Q8	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
Q8	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
Q8	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
Q8	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
Q8	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
Q8	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
Q8	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
Q8	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
Q8	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
Q8	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
Q8	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
Q8	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
Q8	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
Q8	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
Q8	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
Q8	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
Q8	16-Jan-07	FLUORENE	0.293	U	MG/KG
Q8	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
Q8	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
Q8	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
Q8	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
Q8	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
SB02A	23-Jul-09	1-Methylnaphthalene		=	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
SB02A	23-Jul-09	2-Methylnaphthalene		=	MG/KG
SB02A	23-Jul-09	Acenaphthene		=	MG/KG
SB02A	23-Jul-09	Acenaphthylene		U	MG/KG
SB02A	23-Jul-09	Anthracene		=	MG/KG
SB02A	23-Jul-09	Benzo(a)anthracene		=	MG/KG
SB02A	23-Jul-09	Benzo(a)pyrene		=	MG/KG
SB02A	23-Jul-09	Benzo(b)fluoranthene		=	MG/KG
SB02A	23-Jul-09	Benzo(g,h,i)perylene		=	MG/KG
SB02A	23-Jul-09	Benzo(k)fluoranthene		=	MG/KG
SB02A	23-Jul-09	Chrysene		=	MG/KG
SB02A	23-Jul-09	Dibenz(a,h)anthracene		=	MG/KG
SB02A	23-Jul-09	Fluoranthene		=	MG/KG
SB02A	23-Jul-09	Fluorene		=	MG/KG
SB02A	23-Jul-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
SB02A	23-Jul-09	Naphthalene		=	MG/KG
SB02A	23-Jul-09	Phenanthrene		=	MG/KG
SB02A	23-Jul-09	Pyrene		=	MG/KG
SB02E	23-Jul-09	1-Methylnaphthalene		=	MG/KG
SB02E	23-Jul-09	2-Methylnaphthalene		=	MG/KG
SB02E	23-Jul-09	Acenaphthene		=	MG/KG
SB02E	23-Jul-09	Acenaphthylene		U	MG/KG
SB02E	23-Jul-09	Anthracene		=	MG/KG
SB02E	23-Jul-09	Benzo(a)anthracene		=	MG/KG
SB02E	23-Jul-09	Benzo(a)pyrene		=	MG/KG
SB02E	23-Jul-09	Benzo(b)fluoranthene		=	MG/KG
SB02E	23-Jul-09	Benzo(g,h,i)perylene		=	MG/KG
SB02E	23-Jul-09	Benzo(k)fluoranthene		=	MG/KG
SB02E	23-Jul-09	Chrysene		=	MG/KG
SB02E	23-Jul-09	Dibenz(a,h)anthracene		=	MG/KG
SB02E	23-Jul-09	Fluoranthene		=	MG/KG
SB02E	23-Jul-09	Fluorene		=	MG/KG
SB02E	23-Jul-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
SB02E	23-Jul-09	Naphthalene		=	MG/KG
SB02E	23-Jul-09	Phenanthrene		=	MG/KG
SB02E	23-Jul-09	Pyrene		=	MG/KG
SB02N	23-Jul-09	1-Methylnaphthalene		=	MG/KG
SB02N	23-Jul-09	2-Methylnaphthalene		=	MG/KG
SB02N	23-Jul-09	Acenaphthene		=	MG/KG
SB02N	23-Jul-09	Acenaphthylene		U	MG/KG
SB02N	23-Jul-09	Anthracene		=	MG/KG
SB02N	23-Jul-09	Benzo(a)anthracene		=	MG/KG
SB02N	23-Jul-09	Benzo(a)pyrene		=	MG/KG
SB02N	23-Jul-09	Benzo(b)fluoranthene		=	MG/KG
SB02N	23-Jul-09	Benzo(g,h,i)perylene		=	MG/KG
SB02N	23-Jul-09	Benzo(k)fluoranthene		=	MG/KG
SB02N	23-Jul-09	Chrysene		=	MG/KG
SB02N	23-Jul-09	Dibenz(a,h)anthracene		=	MG/KG
SB02N	23-Jul-09	Fluoranthene		=	MG/KG
SB02N	23-Jul-09	Fluorene		=	MG/KG
SB02N	23-Jul-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
SB02N	23-Jul-09	Naphthalene		=	MG/KG
SB02N	23-Jul-09	Phenanthrene		=	MG/KG
SB02N	23-Jul-09	Pyrene		=	MG/KG
SB02N2	24-Jul-09	1-Methylnaphthalene		=	MG/KG
SB02N2	24-Jul-09	2-Methylnaphthalene		J	MG/KG
SB02N2	24-Jul-09	Acenaphthene		=	MG/KG
SB02N2	24-Jul-09	Acenaphthylene		U	MG/KG
SB02N2	24-Jul-09	Anthracene		=	MG/KG
SB02N2	24-Jul-09	Benzo(a)anthracene		=	MG/KG
SB02N2	24-Jul-09	Benzo(a)pyrene		=	MG/KG
SB02N2	24-Jul-09	Benzo(b)fluoranthene		=	MG/KG
SB02N2	24-Jul-09	Benzo(g,h,i)perylene		=	MG/KG
SB02N2	24-Jul-09	Benzo(k)fluoranthene		=	MG/KG
SB02N2	24-Jul-09	Chrysene		=	MG/KG
SB02N2	24-Jul-09	Dibenz(a,h)anthracene		=	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
SB02N2	24-Jul-09	Fluoranthene		=	MG/KG
SB02N2	24-Jul-09	Fluorene		=	MG/KG
SB02N2	24-Jul-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
SB02N2	24-Jul-09	Naphthalene		=	MG/KG
SB02N2	24-Jul-09	Phenanthrene		=	MG/KG
SB02N2	24-Jul-09	Pyrene		=	MG/KG
SB02S	23-Jul-09	1-Methylnaphthalene		=	MG/KG
SB02S	24-Jul-09	1-Methylnaphthalene		U	MG/KG
SB02S	23-Jul-09	2-Methylnaphthalene		=	MG/KG
SB02S	24-Jul-09	2-Methylnaphthalene		U	MG/KG
SB02S	23-Jul-09	Acenaphthene		=	MG/KG
SB02S	24-Jul-09	Acenaphthene		U	MG/KG
SB02S	23-Jul-09	Acenaphthylene		U	MG/KG
SB02S	24-Jul-09	Acenaphthylene		U	MG/KG
SB02S	23-Jul-09	Anthracene		=	MG/KG
SB02S	24-Jul-09	Anthracene		U	MG/KG
SB02S	23-Jul-09	Benzo(a)anthracene		=	MG/KG
SB02S	24-Jul-09	Benzo(a)anthracene		J	MG/KG
SB02S	23-Jul-09	Benzo(a)pyrene		=	MG/KG
SB02S	24-Jul-09	Benzo(a)pyrene		=	MG/KG
SB02S	23-Jul-09	Benzo(b)fluoranthene		=	MG/KG
SB02S	24-Jul-09	Benzo(b)fluoranthene		=	MG/KG
SB02S	23-Jul-09	Benzo(g,h,i)perylene		=	MG/KG
SB02S	24-Jul-09	Benzo(g,h,i)perylene		=	MG/KG
SB02S	23-Jul-09	Benzo(k)fluoranthene		=	MG/KG
SB02S	24-Jul-09	Benzo(k)fluoranthene		J	MG/KG
SB02S	23-Jul-09	Chrysene		=	MG/KG
SB02S	24-Jul-09	Chrysene		=	MG/KG
SB02S	23-Jul-09	Dibenz(a,h)anthracene		=	MG/KG
SB02S	24-Jul-09	Dibenz(a,h)anthracene		U	MG/KG
SB02S	23-Jul-09	Fluoranthene		=	MG/KG
SB02S	24-Jul-09	Fluoranthene		=	MG/KG
SB02S	23-Jul-09	Fluorene		=	MG/KG
SB02S	24-Jul-09	Fluorene		U	MG/KG
SB02S	23-Jul-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
SB02S	24-Jul-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
SB02S	23-Jul-09	Naphthalene		=	MG/KG
SB02S	24-Jul-09	Naphthalene		U	MG/KG
SB02S	24-Jul-09	Phenanthrene		J	MG/KG
SB02S	23-Jul-09	Phenanthrene		=	MG/KG
SB02S	23-Jul-09	Pyrene		=	MG/KG
SB02S	24-Jul-09	Pyrene		J	MG/KG
SB02W	23-Jul-09	1-Methylnaphthalene		=	MG/KG
SB02W	23-Jul-09	2-Methylnaphthalene		=	MG/KG
SB02W	23-Jul-09	Acenaphthene		=	MG/KG
SB02W	23-Jul-09	Acenaphthylene		U	MG/KG
SB02W	23-Jul-09	Anthracene		=	MG/KG
SB02W	23-Jul-09	Benzo(a)anthracene		=	MG/KG
SB02W	23-Jul-09	Benzo(a)pyrene		=	MG/KG
SB02W	23-Jul-09	Benzo(b)fluoranthene		=	MG/KG
SB02W	23-Jul-09	Benzo(g,h,i)perylene		=	MG/KG
SB02W	23-Jul-09	Benzo(k)fluoranthene		=	MG/KG
SB02W	23-Jul-09	Chrysene		=	MG/KG
SB02W	23-Jul-09	Dibenz(a,h)anthracene		=	MG/KG
SB02W	23-Jul-09	Fluoranthene		=	MG/KG
SB02W	23-Jul-09	Fluorene		=	MG/KG
SB02W	23-Jul-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
SB02W	23-Jul-09	Naphthalene		=	MG/KG
SB02W	23-Jul-09	Phenanthrene		=	MG/KG
SB02W	23-Jul-09	Pyrene		=	MG/KG
SB03A	23-Jul-09	Lead		J	MG/KG
SB03E	23-Jul-09	Lead		=	MG/KG
SB03N	23-Jul-09	Lead		=	MG/KG
SB03S	24-Jul-09	Lead		=	MG/KG
SB03S	23-Jul-09	Lead		=	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
SB03W	23-Jul-09	Lead		=	MG/KG
SW-G2	12-Nov-07	PCB-1260 (AROCHLOR 1260)		=	MG/KG
X1	16-Jan-07	ALUMINUM		=	MG/KG
X1	16-Jan-07	BARIUM		=	MG/KG
X1	16-Jan-07	BERYLLIUM		J	MG/KG
X1	16-Jan-07	CALCIUM		J	MG/KG
X1	16-Jan-07	COBALT		J	MG/KG
X1	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
X1	16-Jan-07	COPPER		U	MG/KG
X1	16-Jan-07	SILVER		U	MG/KG
X1	16-Jan-07	MAGNESIUM		=	MG/KG
X1	16-Jan-07	SODIUM		JB	MG/KG
X1	16-Jan-07	MANGANESE		=	MG/KG
X1	16-Jan-07	MOLYBDENUM		U	MG/KG
X1	16-Jan-07	NICKEL		U	MG/KG
X1	16-Jan-07	SELENIUM		U	MG/KG
X1	16-Jan-07	THALLIUM		U	MG/KG
X1	16-Jan-07	VANADIUM		=	MG/KG
X1	16-Jan-07	ZINC		U	MG/KG
X1	16-Jan-07	IRON		=	MG/KG
X1	16-Jan-07	LEAD		J	MG/KG
X1	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
X1	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
X1	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
X1	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
X1	16-Jan-07	STYRENE	0.002	U	MG/KG
X1	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
X1	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
X1	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
X1	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
X1	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
X1	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
X1	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
X1	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
X1	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
X1	16-Jan-07	PYRENE	0.293	U	MG/KG
X1	16-Jan-07	PHENOL	1.46	U	MG/KG
X1	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
X1	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
X1	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
X1	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
X1	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
X1	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
X1	16-Jan-07	POTASSIUM		J	MG/KG
X1	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
X1	16-Jan-07	ALDRIN	0.0012	U	MG/KG
X1	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
X1	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X1	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X1	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
X1	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
X1	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
X1	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
X1	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
X1	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
X1	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
X1	16-Jan-07	pH		=	PH
X1	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
X1	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
X1	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
X1	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
X1	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
X1	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
X1	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
X1	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
X1	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
X1	16-Jan-07	FLUORENE	0.0022	U	MG/KG
X1	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
X1	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
X1	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
X1	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
X1	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
X1	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
X1	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
X1	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
X1	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
X1	16-Jan-07	MERCURY		J	MG/KG
X1	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
X1	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
X1	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
X1	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
X1	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
X1	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
X1	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
X1	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
X1	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
X1	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
X1	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
X1	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
X1	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
X1	16-Jan-07	ENDRIN	0.0012	U	MG/KG
X1	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
X1	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
X1	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
X1	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
X1	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
X1	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
X1	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
X1	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
X1	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
X1	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
X1	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
X1	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
X1	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
X1	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
X1	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
X1	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
X1	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
X1	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
X1	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
X1	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
X1	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
X1	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
X1	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
X1	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
X1	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
X1	16-Jan-07	FLUORENE	0.293	U	MG/KG
X1	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
X1	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
X1	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
X1	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
X1	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
X10	16-Jan-07	ALUMINUM		=	MG/KG
X10	16-Jan-07	BARIUM		=	MG/KG
X10	16-Jan-07	BERYLLIUM		J	MG/KG
X10	16-Jan-07	CALCIUM		J	MG/KG
X10	16-Jan-07	COBALT		J	MG/KG
X10	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
X10	16-Jan-07	COPPER		U	MG/KG
X10	16-Jan-07	SILVER		U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
X10	16-Jan-07	MAGNESIUM		=	MG/KG
X10	16-Jan-07	SODIUM		JB	MG/KG
X10	16-Jan-07	MANGANESE		=	MG/KG
X10	16-Jan-07	MOLYBDENUM		U	MG/KG
X10	16-Jan-07	NICKEL		U	MG/KG
X10	16-Jan-07	SELENIUM		U	MG/KG
X10	16-Jan-07	THALLIUM		U	MG/KG
X10	16-Jan-07	VANADIUM		=	MG/KG
X10	16-Jan-07	ZINC		U	MG/KG
X10	16-Jan-07	IRON		=	MG/KG
X10	16-Jan-07	LEAD		J	MG/KG
X10	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
X10	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
X10	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
X10	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
X10	16-Jan-07	STYRENE	0.002	U	MG/KG
X10	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
X10	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
X10	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
X10	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
X10	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
X10	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
X10	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
X10	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
X10	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
X10	16-Jan-07	PYRENE	0.293	U	MG/KG
X10	16-Jan-07	PHENOL	1.46	U	MG/KG
X10	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
X10	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
X10	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
X10	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
X10	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
X10	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
X10	16-Jan-07	POTASSIUM		J	MG/KG
X10	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
X10	16-Jan-07	ALDRIN	0.0012	U	MG/KG
X10	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
X10	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X10	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X10	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
X10	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
X10	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
X10	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
X10	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
X10	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
X10	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
X10	16-Jan-07	pH		=	PH
X10	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
X10	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
X10	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
X10	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
X10	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
X10	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
X10	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
X10	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
X10	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
X10	16-Jan-07	FLUORENE	0.0022	U	MG/KG
X10	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
X10	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
X10	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
X10	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
X10	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
X10	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
X10	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
X10	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
X10	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
X10	16-Jan-07	MERCURY		J	MG/KG
X10	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
X10	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
X10	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
X10	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
X10	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
X10	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
X10	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
X10	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
X10	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
X10	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
X10	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
X10	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
X10	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
X10	16-Jan-07	ENDRIN	0.0012	U	MG/KG
X10	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
X10	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
X10	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
X10	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
X10	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
X10	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
X10	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
X10	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
X10	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
X10	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
X10	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
X10	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
X10	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
X10	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
X10	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
X10	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
X10	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
X10	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
X10	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
X10	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
X10	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
X10	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
X10	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
X10	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
X10	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
X10	16-Jan-07	FLUORENE	0.293	U	MG/KG
X10	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
X10	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
X10	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
X10	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
X10	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
X3	16-Jan-07	ALUMINUM		=	MG/KG
X3	16-Jan-07	BARIUM		=	MG/KG
X3	16-Jan-07	BERYLLIUM		J	MG/KG
X3	16-Jan-07	CALCIUM		J	MG/KG
X3	16-Jan-07	COBALT		J	MG/KG
X3	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
X3	16-Jan-07	COPPER		U	MG/KG
X3	16-Jan-07	SILVER		U	MG/KG
X3	16-Jan-07	MAGNESIUM		=	MG/KG
X3	16-Jan-07	SODIUM		JB	MG/KG
X3	16-Jan-07	MANGANESE		=	MG/KG
X3	16-Jan-07	MOLYBDENUM		U	MG/KG
X3	16-Jan-07	NICKEL		U	MG/KG
X3	16-Jan-07	SELENIUM		U	MG/KG
X3	16-Jan-07	THALLIUM		U	MG/KG
X3	16-Jan-07	VANADIUM		=	MG/KG
X3	16-Jan-07	ZINC		U	MG/KG
X3	16-Jan-07	IRON		=	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
X3	16-Jan-07	LEAD		J	MG/KG
X3	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
X3	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
X3	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
X3	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
X3	16-Jan-07	STYRENE	0.002	U	MG/KG
X3	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
X3	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
X3	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
X3	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
X3	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
X3	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
X3	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
X3	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
X3	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
X3	16-Jan-07	PYRENE	0.293	U	MG/KG
X3	16-Jan-07	PHENOL	1.46	U	MG/KG
X3	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
X3	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
X3	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
X3	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
X3	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
X3	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
X3	16-Jan-07	POTASSIUM		J	MG/KG
X3	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
X3	16-Jan-07	ALDRIN	0.0012	U	MG/KG
X3	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
X3	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X3	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X3	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
X3	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
X3	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
X3	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
X3	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
X3	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
X3	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
X3	16-Jan-07	pH		=	PH
X3	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
X3	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
X3	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
X3	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
X3	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
X3	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
X3	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
X3	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
X3	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
X3	16-Jan-07	FLUORENE	0.0022	U	MG/KG
X3	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
X3	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
X3	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
X3	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
X3	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
X3	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
X3	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
X3	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
X3	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
X3	16-Jan-07	MERCURY		J	MG/KG
X3	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
X3	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
X3	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
X3	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
X3	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
X3	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
X3	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
X3	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
X3	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
X3	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
X3	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
X3	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
X3	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
X3	16-Jan-07	ENDRIN	0.0012	U	MG/KG
X3	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
X3	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
X3	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
X3	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
X3	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
X3	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
X3	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
X3	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
X3	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
X3	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
X3	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
X3	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
X3	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
X3	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
X3	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
X3	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
X3	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
X3	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
X3	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
X3	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
X3	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
X3	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
X3	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
X3	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
X3	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
X3	16-Jan-07	FLUORENE	0.293	U	MG/KG
X3	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
X3	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
X3	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
X3	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
X3	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
X4	16-Jan-07	ALUMINUM		=	MG/KG
X4	16-Jan-07	BARIUM		=	MG/KG
X4	16-Jan-07	BERYLLIUM		J	MG/KG
X4	16-Jan-07	CALCIUM		J	MG/KG
X4	16-Jan-07	COBALT		J	MG/KG
X4	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
X4	16-Jan-07	COPPER		U	MG/KG
X4	16-Jan-07	SILVER		U	MG/KG
X4	16-Jan-07	MAGNESIUM		=	MG/KG
X4	16-Jan-07	SODIUM		JB	MG/KG
X4	16-Jan-07	MANGANESE		=	MG/KG
X4	16-Jan-07	MOLYBDENUM		U	MG/KG
X4	16-Jan-07	NICKEL		U	MG/KG
X4	16-Jan-07	SELENIUM		U	MG/KG
X4	16-Jan-07	THALLIUM		U	MG/KG
X4	16-Jan-07	VANADIUM		=	MG/KG
X4	16-Jan-07	ZINC		U	MG/KG
X4	16-Jan-07	IRON		=	MG/KG
X4	16-Jan-07	LEAD		J	MG/KG
X4	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
X4	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
X4	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
X4	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
X4	16-Jan-07	STYRENE	0.002	U	MG/KG
X4	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
X4	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
X4	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
X4	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
X4	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
X4	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
X4	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
X4	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
X4	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
X4	16-Jan-07	PYRENE	0.293	U	MG/KG
X4	16-Jan-07	PHENOL	1.46	U	MG/KG
X4	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
X4	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
X4	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
X4	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
X4	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
X4	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
X4	16-Jan-07	POTASSIUM		J	MG/KG
X4	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
X4	16-Jan-07	ALDRIN	0.0012	U	MG/KG
X4	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
X4	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X4	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X4	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
X4	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
X4	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
X4	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
X4	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
X4	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
X4	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
X4	16-Jan-07	pH		=	PH
X4	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
X4	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
X4	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
X4	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
X4	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
X4	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
X4	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
X4	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
X4	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
X4	16-Jan-07	FLUORENE	0.0022	U	MG/KG
X4	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
X4	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
X4	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
X4	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
X4	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
X4	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
X4	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
X4	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
X4	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
X4	16-Jan-07	MERCURY		J	MG/KG
X4	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
X4	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
X4	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
X4	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
X4	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
X4	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
X4	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
X4	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
X4	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
X4	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
X4	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
X4	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
X4	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
X4	16-Jan-07	ENDRIN	0.0012	U	MG/KG
X4	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
X4	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
X4	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
X4	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
X4	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
X4	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
X4	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
X4	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
X4	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
X4	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
X4	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
X4	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
X4	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
X4	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
X4	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
X4	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
X4	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
X4	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
X4	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
X4	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
X4	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
X4	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
X4	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
X4	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
X4	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
X4	16-Jan-07	FLUORENE	0.293	U	MG/KG
X4	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
X4	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
X4	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
X4	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
X4	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
X5	16-Jan-07	ALUMINUM		=	MG/KG
X5	16-Jan-07	BARIUM		=	MG/KG
X5	16-Jan-07	BERYLLIUM		J	MG/KG
X5	16-Jan-07	CALCIUM		J	MG/KG
X5	16-Jan-07	COBALT		J	MG/KG
X5	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
X5	16-Jan-07	COPPER		U	MG/KG
X5	16-Jan-07	SILVER		U	MG/KG
X5	16-Jan-07	MAGNESIUM		=	MG/KG
X5	16-Jan-07	SODIUM		JB	MG/KG
X5	16-Jan-07	MANGANESE		=	MG/KG
X5	16-Jan-07	MOLYBDENUM		U	MG/KG
X5	16-Jan-07	NICKEL		U	MG/KG
X5	16-Jan-07	SELENIUM		U	MG/KG
X5	16-Jan-07	THALLIUM		U	MG/KG
X5	16-Jan-07	VANADIUM		=	MG/KG
X5	16-Jan-07	ZINC		U	MG/KG
X5	16-Jan-07	IRON		=	MG/KG
X5	16-Jan-07	LEAD		J	MG/KG
X5	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
X5	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
X5	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
X5	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
X5	16-Jan-07	STYRENE	0.002	U	MG/KG
X5	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
X5	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
X5	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
X5	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
X5	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
X5	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
X5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
X5	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
X5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
X5	16-Jan-07	PYRENE	0.293	U	MG/KG
X5	16-Jan-07	PHENOL	1.46	U	MG/KG
X5	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
X5	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
X5	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
X5	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
X5	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
X5	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
X5	16-Jan-07	POTASSIUM		J	MG/KG
X5	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
X5	16-Jan-07	ALDRIN	0.0012	U	MG/KG
X5	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
X5	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X5	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X5	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
X5	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
X5	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
X5	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
X5	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
X5	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
X5	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
X5	16-Jan-07	pH		=	PH
X5	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
X5	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
X5	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
X5	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
X5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
X5	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
X5	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
X5	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
X5	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
X5	16-Jan-07	FLUORENE	0.0022	U	MG/KG
X5	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
X5	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
X5	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
X5	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
X5	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
X5	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
X5	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
X5	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
X5	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
X5	16-Jan-07	MERCURY		J	MG/KG
X5	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
X5	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
X5	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
X5	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
X5	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
X5	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
X5	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
X5	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
X5	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
X5	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
X5	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
X5	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
X5	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
X5	16-Jan-07	ENDRIN	0.0012	U	MG/KG
X5	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
X5	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
X5	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
X5	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
X5	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
X5	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
X5	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
X5	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
X5	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
X5	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
X5	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
X5	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
X5	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
X5	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
X5	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
X5	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
X5	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
X5	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
X5	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
X5	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
X5	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
X5	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
X5	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
X5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
X5	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
X5	16-Jan-07	FLUORENE	0.293	U	MG/KG
X5	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
X5	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
X5	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
X5	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
X5	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
X6	19-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
X6	19-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
X6	19-Sep-06	LEAD		U	MG/KG
X6	19-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
X6	19-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
X6	19-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
X6	19-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
X6	19-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
X8	19-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
X8	19-Sep-06	PCB-1260 (AROCHLOR 1260)		J	MG/KG
X8	19-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
X8	19-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
X8	19-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
X8	19-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
X8	19-Sep-06	LEAD		U	MG/KG
X8	19-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
X9	16-Jan-07	ALUMINUM		=	MG/KG
X9	16-Jan-07	BARIUM		=	MG/KG
X9	16-Jan-07	BERYLLIUM		J	MG/KG
X9	16-Jan-07	CALCIUM		J	MG/KG
X9	16-Jan-07	COBALT		J	MG/KG
X9	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
X9	16-Jan-07	COPPER		U	MG/KG
X9	16-Jan-07	SILVER		U	MG/KG
X9	16-Jan-07	MAGNESIUM		=	MG/KG
X9	16-Jan-07	SODIUM		JB	MG/KG
X9	16-Jan-07	MANGANESE		=	MG/KG
X9	16-Jan-07	MOLYBDENUM		U	MG/KG
X9	16-Jan-07	NICKEL		U	MG/KG
X9	16-Jan-07	SELENIUM		U	MG/KG
X9	16-Jan-07	THALLIUM		U	MG/KG
X9	16-Jan-07	VANADIUM		=	MG/KG
X9	16-Jan-07	ZINC		U	MG/KG
X9	16-Jan-07	IRON		=	MG/KG
X9	16-Jan-07	LEAD		J	MG/KG
X9	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
X9	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
X9	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
X9	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
X9	16-Jan-07	STYRENE	0.002	U	MG/KG
X9	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
X9	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
X9	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
X9	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
X9	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
X9	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
X9	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
X9	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
X9	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
X9	16-Jan-07	PYRENE	0.293	U	MG/KG
X9	16-Jan-07	PHENOL	1.46	U	MG/KG
X9	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
X9	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
X9	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
X9	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
X9	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
X9	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
X9	16-Jan-07	POTASSIUM		J	MG/KG
X9	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
X9	16-Jan-07	ALDRIN	0.0012	U	MG/KG
X9	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
X9	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X9	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X9	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
X9	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
X9	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
X9	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
X9	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
X9	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
X9	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
X9	16-Jan-07	pH		=	PH
X9	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
X9	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
X9	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
X9	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
X9	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
X9	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
X9	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
X9	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
X9	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
X9	16-Jan-07	FLUORENE	0.0022	U	MG/KG
X9	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
X9	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
X9	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
X9	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
X9	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
X9	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
X9	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
X9	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
X9	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
X9	16-Jan-07	MERCURY		J	MG/KG
X9	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
X9	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
X9	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
X9	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
X9	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
X9	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
X9	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
X9	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
X9	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
X9	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
X9	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
X9	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
X9	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
X9	16-Jan-07	ENDRIN	0.0012	U	MG/KG
X9	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
X9	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
X9	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
X9	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
X9	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
X9	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
X9	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
X9	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
X9	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
X9	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
X9	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
X9	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
X9	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
X9	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
X9	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
X9	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
X9	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
X9	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
X9	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
X9	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
X9	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
X9	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
X9	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
X9	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
X9	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
X9	16-Jan-07	FLUORENE	0.293	U	MG/KG
X9	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
X9	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
X9	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
X9	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
X9	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
Y10	20-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
Y10	20-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
Y10	20-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
Y10	20-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
Y10	20-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
Y10	20-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
Y10	20-Sep-06	LEAD		U	MG/KG
Y10	20-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
Y11	20-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
Y11	20-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
Y11	20-Sep-06	LEAD		J	MG/KG
Y11	20-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
Y11	20-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
Y11	20-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
Y11	20-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
Y11	20-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
Y2	20-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
Y2	20-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
Y2	20-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
Y2	20-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
Y2	20-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
Y2	20-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
Y2	20-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
Y2	20-Sep-06	LEAD		U	MG/KG
Y3	16-Jan-07	ALUMINUM		=	MG/KG
Y3	16-Jan-07	BARIUM		=	MG/KG
Y3	16-Jan-07	BERYLLIUM		J	MG/KG
Y3	16-Jan-07	CALCIUM		J	MG/KG
Y3	16-Jan-07	COBALT		J	MG/KG
Y3	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
Y3	16-Jan-07	COPPER		U	MG/KG
Y3	16-Jan-07	SILVER		U	MG/KG
Y3	16-Jan-07	MAGNESIUM		=	MG/KG
Y3	16-Jan-07	SODIUM		JB	MG/KG
Y3	16-Jan-07	MANGANESE		=	MG/KG
Y3	16-Jan-07	MOLYBDENUM		U	MG/KG
Y3	16-Jan-07	NICKEL		U	MG/KG
Y3	16-Jan-07	SELENIUM		U	MG/KG
Y3	16-Jan-07	THALLIUM		U	MG/KG
Y3	16-Jan-07	VANADIUM		=	MG/KG
Y3	16-Jan-07	ZINC		U	MG/KG
Y3	16-Jan-07	IRON		=	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
Y3	16-Jan-07	LEAD		J	MG/KG
Y3	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
Y3	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
Y3	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
Y3	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
Y3	16-Jan-07	STYRENE	0.002	U	MG/KG
Y3	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
Y3	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
Y3	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
Y3	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
Y3	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
Y3	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
Y3	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
Y3	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
Y3	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
Y3	16-Jan-07	PYRENE	0.293	U	MG/KG
Y3	16-Jan-07	PHENOL	1.46	U	MG/KG
Y3	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
Y3	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
Y3	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
Y3	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
Y3	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
Y3	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
Y3	16-Jan-07	POTASSIUM		J	MG/KG
Y3	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
Y3	16-Jan-07	ALDRIN	0.0012	U	MG/KG
Y3	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
Y3	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
Y3	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
Y3	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
Y3	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
Y3	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
Y3	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
Y3	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
Y3	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
Y3	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
Y3	16-Jan-07	pH		=	PH
Y3	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
Y3	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
Y3	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
Y3	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
Y3	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
Y3	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
Y3	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
Y3	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
Y3	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
Y3	16-Jan-07	FLUORENE	0.0022	U	MG/KG
Y3	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
Y3	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
Y3	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
Y3	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
Y3	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
Y3	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
Y3	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
Y3	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
Y3	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
Y3	16-Jan-07	MERCURY		J	MG/KG
Y3	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
Y3	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
Y3	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
Y3	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
Y3	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
Y3	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
Y3	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
Y3	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
Y3	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
Y3	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
Y3	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
Y3	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
Y3	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
Y3	16-Jan-07	ENDRIN	0.0012	U	MG/KG
Y3	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
Y3	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
Y3	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
Y3	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
Y3	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
Y3	16-Jan-07	PCB-1016 (AROCHLOR 1016)	0.024	U	MG/KG
Y3	16-Jan-07	PCB-1221 (AROCHLOR 1221)	0.018	U	MG/KG
Y3	16-Jan-07	PCB-1232 (AROCHLOR 1232)	0.048	U	MG/KG
Y3	16-Jan-07	PCB-1242 (AROCHLOR 1242)	0.018	U	MG/KG
Y3	16-Jan-07	PCB-1248 (AROCHLOR 1248)	0.027	U	MG/KG
Y3	16-Jan-07	PCB-1254 (AROCHLOR 1254)	0.024	U	MG/KG
Y3	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
Y3	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
Y3	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
Y3	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
Y3	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
Y3	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
Y3	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
Y3	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
Y3	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
Y3	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
Y3	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
Y3	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
Y3	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
Y3	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
Y3	16-Jan-07	FLUORENE	0.293	U	MG/KG
Y3	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
Y3	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
Y3	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
Y3	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
Y3	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
Y5	20-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
Y5	20-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
Y5	20-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
Y5	20-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
Y5	20-Sep-06	LEAD		J	MG/KG
Y5	20-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
Y5	20-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
Y5	20-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
Y7	20-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
Y7	20-Sep-06	PCB-1221 (AROCHLOR 1221)		U	MG/KG
Y7	20-Sep-06	PCB-1232 (AROCHLOR 1232)		U	MG/KG
Y7	20-Sep-06	PCB-1242 (AROCHLOR 1242)		U	MG/KG
Y7	20-Sep-06	PCB-1248 (AROCHLOR 1248)		U	MG/KG
Y7	20-Sep-06	PCB-1016 (AROCHLOR 1016)		U	MG/KG
Y7	20-Sep-06	LEAD		U	MG/KG
Y7	20-Sep-06	PCB-1254 (AROCHLOR 1254)		U	MG/KG
Y8	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
Y8	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
Y8	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
Y8	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
Y8	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
Y8	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
Y8	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
Y8	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
Y8	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
Y8	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
Y8	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
Y8	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
Y8	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
Y8	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
Y8	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
Y8	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
Y8	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
Y8	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
Y8	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
Y8	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
Y8	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
Y8	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
Y8	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
Y8	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
Y8	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
Y8	16-Jan-07	ALDRIN	0.0012	U	MG/KG
Y8	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
Y8	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
Y8	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
Y8	16-Jan-07	ALUMINUM		=	MG/KG
Y8	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
Y8	16-Jan-07	BARIUM		=	MG/KG
Y8	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
Y8	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
Y8	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
Y8	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
Y8	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
Y8	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
Y8	16-Jan-07	BERYLLIUM		J	MG/KG
Y8	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
Y8	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
Y8	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
Y8	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
Y8	16-Jan-07	CALCIUM		J	MG/KG
Y8	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
Y8	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
Y8	16-Jan-07	COBALT		J	MG/KG
Y8	16-Jan-07	COPPER		U	MG/KG
Y8	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
Y8	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
Y8	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
Y8	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
Y8	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
Y8	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
Y8	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
Y8	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
Y8	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
Y8	16-Jan-07	ENDRIN	0.0012	U	MG/KG
Y8	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
Y8	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
Y8	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
Y8	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
Y8	16-Jan-07	FLUORENE	0.0022	U	MG/KG
Y8	16-Jan-07	FLUORENE	0.293	U	MG/KG
Y8	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
Y8	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
Y8	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
Y8	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
Y8	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
Y8	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
Y8	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
Y8	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
Y8	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
Y8	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
Y8	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
Y8	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
Y8	16-Jan-07	IRON		=	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
Y8	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
Y8	16-Jan-07	LEAD		J	MG/KG
Y8	16-Jan-07	MAGNESIUM		=	MG/KG
Y8	16-Jan-07	MANGANESE		=	MG/KG
Y8	16-Jan-07	MERCURY		J	MG/KG
Y8	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
Y8	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
Y8	16-Jan-07	MOLYBDENUM		U	MG/KG
Y8	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
Y8	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
Y8	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
Y8	16-Jan-07	NICKEL		U	MG/KG
Y8	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
Y8	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
Y8	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
Y8	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
Y8	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
Y8	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
Y8	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
Y8	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
Y8	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
Y8	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
Y8	16-Jan-07	pH		=	PH
Y8	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
Y8	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
Y8	16-Jan-07	PHENOL	1.46	U	MG/KG
Y8	16-Jan-07	POTASSIUM		J	MG/KG
Y8	16-Jan-07	PYRENE	0.293	U	MG/KG
Y8	16-Jan-07	SELENIUM		U	MG/KG
Y8	16-Jan-07	SILVER		U	MG/KG
Y8	16-Jan-07	SODIUM		JB	MG/KG
Y8	16-Jan-07	STYRENE	0.002	U	MG/KG
Y8	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
Y8	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
Y8	16-Jan-07	THALLIUM	3.5	U	MG/KG
Y8	16-Jan-07	VANADIUM	4.05	=	MG/KG
Y8	16-Jan-07	ZINC	3.5	U	MG/KG
G1	16-Jan-07	BEQ	0.0025	U	MG/KG
G10	16-Jan-07	BEQ	0.0025	U	MG/KG
G2	16-Jan-07	BEQ	0.0025	U	MG/KG
Q5	16-Jan-07	BEQ	0.0025	U	MG/KG
Q7	16-Jan-07	BEQ	0.0025	U	MG/KG
Q8	16-Jan-07	BEQ	0.0025	U	MG/KG
X1	16-Jan-07	BEQ	0.0025	U	MG/KG
X10	16-Jan-07	BEQ	0.0025	U	MG/KG
X3	16-Jan-07	BEQ	0.0025	U	MG/KG
X4	16-Jan-07	BEQ	0.0025	U	MG/KG
X5	16-Jan-07	BEQ	0.0025	U	MG/KG
X9	16-Jan-07	BEQ	0.0025	U	MG/KG
Y3	16-Jan-07	BEQ	0.0025	U	MG/KG
Y8	16-Jan-07	BEQ	0.0025	U	MG/KG
H1	03-Nov-09	BEQ	1.01	=	MG/KG
H4	03-Nov-09	BEQ	2.27	=	MG/KG
H5	03-Nov-09	BEQ	1.08	=	MG/KG
I1	03-Nov-09	BEQ	0.2	=	MG/KG
I2	03-Nov-09	BEQ	1.04	=	MG/KG
I3	03-Nov-09	BEQ	0.62	=	MG/KG
I4	03-Nov-09	BEQ	1.44	=	MG/KG
I5	03-Nov-09	BEQ	14.87	=	MG/KG
J1	03-Nov-09	BEQ	0.29	=	MG/KG
J2	03-Nov-09	BEQ	4.78	=	MG/KG
J3	03-Nov-09	BEQ	0.39	=	MG/KG
J4	03-Nov-09	BEQ	0.33	=	MG/KG
J5	03-Nov-09	BEQ	0.89	=	MG/KG
SB02A	23-Jul-09	BEQ	22.6	=	MG/KG

TABLE A-3
Analytical Data
Exposure Unit 3 Depth Interval 0 to 0.5 ft bls

Location	Sample Date	Analyte	Final	Final Validation Flag	Units
SB02E	23-Jul-09	BEQ	35.9	=	MG/KG
SB02N	23-Jul-09	BEQ	15.3	=	MG/KG
SB02N2	24-Jul-09	BEQ	0.8	=	MG/KG
SB02S	23-Jul-09	BEQ	6.8	=	MG/KG
SB02W	23-Jul-09	BEQ	7.9	=	MG/KG

TABLE A-4
Analytical Data
Exposure Unit 1 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
A2	05-Nov-09	1-Methylnaphthalene	0.036	U	MG/KG
A2	05-Nov-09	2-Methylnaphthalene	0.036	U	MG/KG
A2	05-Nov-09	Acenaphthene	0.036	U	MG/KG
A2	05-Nov-09	Acenaphthylene	0.013	J	MG/KG
A2	05-Nov-09	Anthracene	0.036	U	MG/KG
A2	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.015	U	MG/KG
A2	05-Nov-09	Benzo(a)anthracene	0.14	=	MG/KG
A2	05-Nov-09	Benzo(a)pyrene	0.13	=	MG/KG
A2	05-Nov-09	Benzo(b)fluoranthene	0.18	=	MG/KG
A2	05-Nov-09	Benzo(g,h,i)perylene	0.062	J	MG/KG
A2	05-Nov-09	Benzo(k)fluoranthene	0.073	=	MG/KG
A2	05-Nov-09	Chrysene	0.098	=	MG/KG
A2	05-Nov-09	Dibenz(a,h)anthracene	0.029	J	MG/KG
A2	05-Nov-09	Fluoranthene	0.14	=	MG/KG
A2	05-Nov-09	Fluorene	0.036	U	MG/KG
A2	05-Nov-09	Indeno(1,2,3-cd)pyrene	0.073	J	MG/KG
A2	05-Nov-09	Lead	51.5	=	MG/KG
A2	05-Nov-09	Naphthalene	0.036	U	MG/KG
A2	05-Nov-09	Phenanthrene	0.034	J	MG/KG
A2	05-Nov-09	Pyrene	0.11	=	MG/KG
B1	05-Nov-09	1-Methylnaphthalene	0.035	U	MG/KG
B1	05-Nov-09	2-Methylnaphthalene	0.035	U	MG/KG
B1	05-Nov-09	Acenaphthene	0.035	U	MG/KG
B1	05-Nov-09	Acenaphthylene	0.014	J	MG/KG
B1	05-Nov-09	Anthracene	0.035	U	MG/KG
B1	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.015	=	MG/KG
B1	05-Nov-09	Benzo(a)anthracene	0.038	=	MG/KG
B1	05-Nov-09	Benzo(a)pyrene	0.1	=	MG/KG
B1	05-Nov-09	Benzo(b)fluoranthene	0.17	=	MG/KG
B1	05-Nov-09	Benzo(g,h,i)perylene	0.06	J	MG/KG
B1	05-Nov-09	Benzo(k)fluoranthene	0.049	J	MG/KG
B1	05-Nov-09	Chrysene	0.043	=	MG/KG
B1	05-Nov-09	Dibenz(a,h)anthracene	0.028	J	MG/KG
B1	05-Nov-09	Fluoranthene	0.039	=	MG/KG
B1	05-Nov-09	Fluorene	0.035	U	MG/KG
B1	05-Nov-09	Indeno(1,2,3-cd)pyrene	0.064	J	MG/KG
B1	05-Nov-09	Lead	18.1	=	MG/KG
B1	05-Nov-09	Naphthalene	0.035	U	MG/KG
B1	05-Nov-09	Phenanthrene	0.021	J	MG/KG
B1	05-Nov-09	Pyrene	0.033	J	MG/KG
B2	05-Nov-09	1-Methylnaphthalene	0.034	U	MG/KG
B2	05-Nov-09	2-Methylnaphthalene	0.034	U	MG/KG
B2	05-Nov-09	Acenaphthene	0.034	U	MG/KG
B2	05-Nov-09	Acenaphthylene	0.034	U	MG/KG
B2	05-Nov-09	Anthracene	0.034	U	MG/KG
B2	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.041	=	MG/KG
B2	05-Nov-09	Benzo(a)anthracene	0.033	J	MG/KG
B2	05-Nov-09	Benzo(a)pyrene	0.064	=	MG/KG
B2	05-Nov-09	Benzo(b)fluoranthene	0.1	=	MG/KG
B2	05-Nov-09	Benzo(g,h,i)perylene	0.053	J	MG/KG
B2	05-Nov-09	Benzo(k)fluoranthene	0.032	J	MG/KG
B2	05-Nov-09	Chrysene	0.032	J	MG/KG
B2	05-Nov-09	Dibenz(a,h)anthracene	0.023	J	MG/KG
B2	05-Nov-09	Fluoranthene	0.041	=	MG/KG
B2	05-Nov-09	Fluorene	0.034	U	MG/KG
B2	05-Nov-09	Indeno(1,2,3-cd)pyrene	0.058	J	MG/KG
B2	05-Nov-09	Lead	32.1	=	MG/KG
B2	05-Nov-09	Naphthalene	0.034	U	MG/KG
B2	05-Nov-09	Phenanthrene	0.014	J	MG/KG
B2	05-Nov-09	Pyrene	0.032	J	MG/KG
B3	05-Nov-09	1-Methylnaphthalene	0.0034	U	MG/KG

TABLE A-4
Analytical Data
Exposure Unit 1 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
B3	05-Nov-09	2-Methylnaphthalene	0.0034	U	MG/KG
B3	05-Nov-09	Acenaphthene	0.0034	U	MG/KG
B3	05-Nov-09	Acenaphthylene	0.0029	J	MG/KG
B3	05-Nov-09	Anthracene	0.0034	U	MG/KG
B3	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.014	U	MG/KG
B3	05-Nov-09	Benzo(a)anthracene	0.0051	=	MG/KG
B3	05-Nov-09	Benzo(a)pyrene	0.015	=	MG/KG
B3	05-Nov-09	Benzo(b)fluoranthene	0.026	=	MG/KG
B3	05-Nov-09	Benzo(g,h,i)perylene	0.013	=	MG/KG
B3	05-Nov-09	Benzo(k)fluoranthene	0.0077	=	MG/KG
B3	05-Nov-09	Chrysene	0.0054	=	MG/KG
B3	05-Nov-09	Dibenz(a,h)anthracene	0.0043	J	MG/KG
B3	05-Nov-09	Fluoranthene	0.0026	J	MG/KG
B3	05-Nov-09	Fluorene	0.0034	U	MG/KG
B3	05-Nov-09	Indeno(1,2,3-cd)pyrene	0.0092	=	MG/KG
B3	05-Nov-09	Lead	7.86	J	MG/KG
B3	05-Nov-09	Naphthalene	0.0034	U	MG/KG
B3	05-Nov-09	Phenanthrene	0.0034	U	MG/KG
B3	05-Nov-09	Pyrene	0.0031	J	MG/KG
C1	05-Nov-09	1-Methylnaphthalene	0.019	U	MG/KG
C1	05-Nov-09	2-Methylnaphthalene	0.019	U	MG/KG
C1	05-Nov-09	Acenaphthene	0.019	U	MG/KG
C1	05-Nov-09	Acenaphthylene	0.0078	J	MG/KG
C1	05-Nov-09	Anthracene	0.019	U	MG/KG
C1	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.016	U	MG/KG
C1	05-Nov-09	Benzo(a)anthracene	0.059	=	MG/KG
C1	05-Nov-09	Benzo(a)pyrene	0.077	=	MG/KG
C1	05-Nov-09	Benzo(b)fluoranthene	0.13	=	MG/KG
C1	05-Nov-09	Benzo(g,h,i)perylene	0.051	=	MG/KG
C1	05-Nov-09	Benzo(k)fluoranthene	0.04	=	MG/KG
C1	05-Nov-09	Chrysene	0.044	=	MG/KG
C1	05-Nov-09	Dibenz(a,h)anthracene	0.018	J	MG/KG
C1	05-Nov-09	Fluoranthene	0.069	=	MG/KG
C1	05-Nov-09	Fluorene	0.019	U	MG/KG
C1	05-Nov-09	Indeno(1,2,3-cd)pyrene	0.042	J	MG/KG
C1	05-Nov-09	Lead	26.6	=	MG/KG
C1	05-Nov-09	Naphthalene	0.019	U	MG/KG
C1	05-Nov-09	Phenanthrene	0.013	J	MG/KG
C1	05-Nov-09	Pyrene	0.06	=	MG/KG
C10	13-Sep-06	LEAD	33	U	MG/KG
C10	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	MG/KG
C2	05-Nov-09	1-Methylnaphthalene	0.034	U	MG/KG
C2	05-Nov-09	2-Methylnaphthalene	0.034	U	MG/KG
C2	05-Nov-09	Acenaphthene	0.034	U	MG/KG
C2	05-Nov-09	Acenaphthylene	0.034	U	MG/KG
C2	05-Nov-09	Anthracene	0.02	J	MG/KG
C2	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.45	=	MG/KG
C2	05-Nov-09	Benzo(a)anthracene	0.087	=	MG/KG
C2	05-Nov-09	Benzo(a)pyrene	0.094	=	MG/KG
C2	05-Nov-09	Benzo(b)fluoranthene	0.15	=	MG/KG
C2	05-Nov-09	Benzo(g,h,i)perylene	0.074	J	MG/KG
C2	05-Nov-09	Benzo(k)fluoranthene	0.054	J	MG/KG
C2	05-Nov-09	Chrysene	0.088	=	MG/KG
C2	05-Nov-09	Dibenz(a,h)anthracene	0.026	J	MG/KG
C2	05-Nov-09	Fluoranthene	0.16	=	MG/KG
C2	05-Nov-09	Fluorene	0.034	U	MG/KG
C2	05-Nov-09	Indeno(1,2,3-cd)pyrene	0.066	J	MG/KG
C2	13-Sep-06	LEAD	71.1	U	MG/KG
C2	05-Nov-09	Lead	26.5	=	MG/KG
C2	05-Nov-09	Naphthalene	0.034	U	MG/KG
C2	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.35	U	MG/KG

TABLE A-4
Analytical Data
Exposure Unit 1 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
C2	05-Nov-09	Phenanthrene	0.1	=	MG/KG
C2	05-Nov-09	Pyrene	0.12	=	MG/KG
C3	05-Nov-09	1-Methylnaphthalene	0.0035	U	MG/KG
C3	05-Nov-09	2-Methylnaphthalene	0.0035	U	MG/KG
C3	05-Nov-09	Acenaphthene	0.0035	U	MG/KG
C3	05-Nov-09	Acenaphthylene	0.0014	J	MG/KG
C3	05-Nov-09	Anthracene	0.0019	J	MG/KG
C3	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.12	J	MG/KG
C3	05-Nov-09	Benzo(a)anthracene	0.01	J	MG/KG
C3	05-Nov-09	Benzo(a)pyrene	0.015	J	MG/KG
C3	05-Nov-09	Benzo(b)fluoranthene	0.024	J	MG/KG
C3	05-Nov-09	Benzo(g,h,i)perylene	0.013	J	MG/KG
C3	05-Nov-09	Benzo(k)fluoranthene	0.0096	J	MG/KG
C3	05-Nov-09	Chrysene	0.0093	J	MG/KG
C3	05-Nov-09	Dibenz(a,h)anthracene	0.0037	J	MG/KG
C3	05-Nov-09	Fluoranthene	0.016	J	MG/KG
C3	05-Nov-09	Fluorene	0.0035	U	MG/KG
C3	05-Nov-09	Indeno(1,2,3-cd)pyrene	0.012	J	MG/KG
C3	13-Sep-06	LEAD	34.7	U	MG/KG
C3	05-Nov-09	Lead	5.75	J	MG/KG
C3	05-Nov-09	Naphthalene	0.0035	U	MG/KG
C3	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	MG/KG
C3	05-Nov-09	Phenanthrene	0.0074	J	MG/KG
C3	05-Nov-09	Pyrene	0.011	J	MG/KG
C4	05-Nov-09	1-Methylnaphthalene	0.0035	U	MG/KG
C4	05-Nov-09	2-Methylnaphthalene	0.0035	U	MG/KG
C4	05-Nov-09	Acenaphthene	0.0035	U	MG/KG
C4	05-Nov-09	Acenaphthylene	0.0044	=	MG/KG
C4	05-Nov-09	Anthracene	0.0019	J	MG/KG
C4	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.14	=	MG/KG
C4	05-Nov-09	Benzo(a)anthracene	0.013	=	MG/KG
C4	05-Nov-09	Benzo(a)pyrene	0.024	=	MG/KG
C4	05-Nov-09	Benzo(b)fluoranthene	0.043	=	MG/KG
C4	05-Nov-09	Benzo(g,h,i)perylene	0.016	=	MG/KG
C4	05-Nov-09	Benzo(k)fluoranthene	0.012	=	MG/KG
C4	05-Nov-09	Chrysene	0.012	=	MG/KG
C4	05-Nov-09	Dibenz(a,h)anthracene	0.0048	J	MG/KG
C4	05-Nov-09	Fluoranthene	0.01	=	MG/KG
C4	05-Nov-09	Fluorene	0.0035	U	MG/KG
C4	05-Nov-09	Indeno(1,2,3-cd)pyrene	0.012	=	MG/KG
C4	13-Sep-06	LEAD	33.9	U	MG/KG
C4	05-Nov-09	Lead	5.94	=	MG/KG
C4	05-Nov-09	Naphthalene	0.0035	U	MG/KG
C4	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	MG/KG
C4	05-Nov-09	Phenanthrene	0.0028	J	MG/KG
C4	05-Nov-09	Pyrene	0.01	=	MG/KG
C6	13-Sep-06	LEAD	17.1	J	MG/KG
C6	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
C7	13-Sep-06	LEAD	31.4	U	MG/KG
C7	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	MG/KG
C8	13-Sep-06	LEAD	56.2	=	MG/KG
C8	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	MG/KG
C9	13-Sep-06	LEAD	35.2	J	MG/KG
C9	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	MG/KG
D1	05-Nov-09	1-Methylnaphthalene	0.0034	U	MG/KG
D1	05-Nov-09	2-Methylnaphthalene	0.0034	U	MG/KG
D1	05-Nov-09	Acenaphthene	0.0034	U	MG/KG
D1	05-Nov-09	Acenaphthylene	0.0022	J	MG/KG
D1	05-Nov-09	Anthracene	0.0034	U	MG/KG
D1	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.015	U	MG/KG
D1	05-Nov-09	Benzo(a)anthracene	0.0041	=	MG/KG

TABLE A-4
Analytical Data
Exposure Unit 1 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
D1	05-Nov-09	Benzo(a)pyrene	0.022	=	MG/KG
D1	05-Nov-09	Benzo(b)fluoranthene	0.039	=	MG/KG
D1	05-Nov-09	Benzo(g,h,i)perylene	0.015	=	MG/KG
D1	05-Nov-09	Benzo(k)fluoranthene	0.014	=	MG/KG
D1	05-Nov-09	Chrysene	0.004	=	MG/KG
D1	05-Nov-09	Dibenz(a,h)anthracene	0.0049	J	MG/KG
D1	05-Nov-09	Fluoranthene	0.003	J	MG/KG
D1	05-Nov-09	Fluorene	0.0034	U	MG/KG
D1	05-Nov-09	Indeno(1,2,3-cd)pyrene	0.012	=	MG/KG
D1	14-Sep-06	LEAD	34.8	U	MG/KG
D1	05-Nov-09	Lead	16.2	=	MG/KG
D1	05-Nov-09	Naphthalene	0.0034	U	MG/KG
D1	14-Sep-06	PCB-1260 (AROCHLOR 1260)	0.15	J	MG/KG
D1	05-Nov-09	Phenanthrene	0.0034	U	MG/KG
D1	05-Nov-09	Pyrene	0.0026	J	MG/KG
D10	14-Sep-06	LEAD	75.2	U	MG/KG
D10	14-Sep-06	PCB-1260 (AROCHLOR 1260)	0.084	J	MG/KG
D2	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
D2	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
D2	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
D2	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
D2	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
D2	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
D2	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
D2	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
D2	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
D2	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
D2	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
D2	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
D2	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
D2	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
D2	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
D2	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
D2	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
D2	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
D2	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
D2	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
D2	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
D2	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
D2	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
D2	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
D2	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
D2	16-Jan-07	ALDRIN	0.0012	U	MG/KG
D2	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
D2	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
D2	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
D2	16-Jan-07	ALUMINUM	0.0022	=	MG/KG
D2	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
D2	16-Jan-07	BARIUM	0.0022	=	MG/KG
D2	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
D2	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
D2	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
D2	16-Jan-07	BENZO(g,h,i)PERYLENE	0.293	U	MG/KG
D2	16-Jan-07	BENZO(k)FLUORANTHENE	0.0012	U	MG/KG
D2	16-Jan-07	BENZYL BUTYL PHTHALATE	0.0012	U	MG/KG
D2	16-Jan-07	BERYLLIUM	0.724	J	MG/KG
D2	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0021	U	MG/KG
D2	16-Jan-07	BETA ENDOSULFAN (II)	0.0022	U	MG/KG
D2	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.0012	U	MG/KG
D2	16-Jan-07	BROMOFORM	0.0022	U	MG/KG
D2	16-Jan-07	CALCIUM	0.0067	J	MG/KG

TABLE A-4
Analytical Data
Exposure Unit 1 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
D2	16-Jan-07	CHROMIUM, TOTAL	0.0012	=	MG/KG
D2	16-Jan-07	CHRYSENE	0.293	U	MG/KG
D2	16-Jan-07	COBALT	0.293	J	MG/KG
D2	16-Jan-07	COPPER	0.293	U	MG/KG
D2	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.293	U	MG/KG
D2	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0012	U	MG/KG
D2	16-Jan-07	DICHLOROPROP	0.0012	U	MG/KG
D2	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
D2	16-Jan-07	DIETHYL PHTHALATE	0.0012	U	MG/KG
D2	16-Jan-07	DIMETHYL PHTHALATE	0.0022	U	MG/KG
D2	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
D2	16-Jan-07	DI-n-OCTYLPHTHALATE	0.0022	U	MG/KG
D2	16-Jan-07	ENDOSULFAN SULFATE	0.293	U	MG/KG
D2	16-Jan-07	ENDRIN	0.0012	U	MG/KG
D2	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
D2	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
D2	16-Jan-07	FLUORANTHENE	0.0012	U	MG/KG
D2	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
D2	16-Jan-07	FLUORENE	0.293	U	MG/KG
D2	16-Jan-07	FLUORENE	0.0022	U	MG/KG
D2	16-Jan-07	GAMMA BHC (LINDANE)	0.293	U	MG/KG
D2	16-Jan-07	GAMMA-CHLORDANE	0.0022	U	MG/KG
D2	16-Jan-07	HEPTACHLOR	0.296	U	MG/KG
D2	16-Jan-07	HEPTACHLOR EPOXIDE	0.0022	U	MG/KG
D2	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
D2	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
D2	16-Jan-07	HEXACHLOROBUTADIENE	0.0012	U	MG/KG
D2	16-Jan-07	HEXACHLOROBUTADIENE	0.0016	U	MG/KG
D2	16-Jan-07	HEXACHLOROETHANE	0.002	U	MG/KG
D2	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
D2	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
D2	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
D2	16-Jan-07	IRON	0.293	=	MG/KG
D2	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
D2	14-Sep-06	LEAD	0.293	U	MG/KG
D2	16-Jan-07	LEAD	0.002	J	MG/KG
D2	16-Jan-07	MAGNESIUM	0.0012	=	MG/KG
D2	16-Jan-07	MANGANESE	0.0012	=	MG/KG
D2	16-Jan-07	MERCURY	0.0012	J	MG/KG
D2	16-Jan-07	METHOXYCHLOR	0.024	U	MG/KG
D2	16-Jan-07	METHYLENE CHLORIDE	1.46	J	MG/KG
D2	16-Jan-07	MOLYBDENUM	0.293	U	MG/KG
D2	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
D2	16-Jan-07	NAPHTHALENE	1.46	U	MG/KG
D2	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
D2	16-Jan-07	NICKEL	0.002	U	MG/KG
D2	16-Jan-07	NITROBENZENE	0.002	U	MG/KG
D2	16-Jan-07	N-NITROSODIMETHYLAMINE	0.002	U	MG/KG
D2	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.002	U	MG/KG
D2	16-Jan-07	N-NITROSODIPHENYLAMINE	0.002	U	MG/KG
D2	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
D2	16-Jan-07	p,p'-DDD	0.002	U	MG/KG
D2	16-Jan-07	p,p'-DDE	0.293	U	MG/KG
D2	16-Jan-07	p,p'-DDT	0.0022	U	MG/KG
D2	14-Sep-06	PCB-1260 (AROCHLOR 1260)	0.044	J	MG/KG
D2	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.293	U	MG/KG
D2	16-Jan-07	PENTACHLOROPHENOL	0.293	U	MG/KG
D2	16-Jan-07	pH	0.293	=	PH
D2	16-Jan-07	PHENANTHRENE	1.47	U	MG/KG
D2	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
D2	16-Jan-07	PHENOL	0.293	U	MG/KG

TABLE A-4
Analytical Data
Exposure Unit 1 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
D2	16-Jan-07	POTASSIUM	0.0022	J	MG/KG
D2	16-Jan-07	PYRENE	0.293	U	MG/KG
D2	16-Jan-07	SELENIUM	0.316	U	MG/KG
D2	16-Jan-07	SILVER	0.293	U	MG/KG
D2	16-Jan-07	SODIUM	0.293	JB	MG/KG
D2	16-Jan-07	STYRENE	0.293	U	MG/KG
D2	16-Jan-07	t-BUTYL METHYL ETHER	1.46	U	MG/KG
D2	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.293	U	MG/KG
D2	16-Jan-07	THALLIUM	0.293	U	MG/KG
D2	16-Jan-07	VANADIUM	0.732	=	MG/KG
D2	16-Jan-07	ZINC	0.0022	U	MG/KG
D3	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.0022	U	MG/KG
D3	16-Jan-07	1,1,1-TRICHLOROETHANE	0.0012	U	MG/KG
D3	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.0023	U	MG/KG
D3	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.0012	U	MG/KG
D3	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.0012	U	MG/KG
D3	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
D3	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
D3	05-Nov-09	1-Methylnaphthalene	0.0022	U	MG/KG
D3	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.0022	U	MG/KG
D3	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.0022	U	MG/KG
D3	16-Jan-07	2,4-DIMETHYLPHENOL	0.0022	U	MG/KG
D3	16-Jan-07	2,4-DINITROPHENOL	0.293	UJ	MG/KG
D3	16-Jan-07	2,4-DINITROTOLUENE	0.0012	U	MG/KG
D3	16-Jan-07	2,6-DINITROTOLUENE	0.0012	U	MG/KG
D3	16-Jan-07	2-METHYLNAPHTHALENE	0.724	U	MG/KG
D3	16-Jan-07	2-METHYLNAPHTHALENE	0.0021	U	MG/KG
D3	05-Nov-09	2-Methylnaphthalene	0.0022	J	MG/KG
D3	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.0012	U	MG/KG
D3	16-Jan-07	2-NITROANILINE	0.0022	U	MG/KG
D3	16-Jan-07	2-NITROPHENOL	0.0067	U	MG/KG
D3	16-Jan-07	3-NITROANILINE	0.0012	U	MG/KG
D3	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	0.293	U	MG/KG
D3	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
D3	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
D3	16-Jan-07	4-NITROPHENOL	0.293	U	MG/KG
D3	16-Jan-07	ACENAPHTHENE	0.0012	U	MG/KG
D3	05-Nov-09	Acenaphthene	0.0012	J	MG/KG
D3	16-Jan-07	ACENAPHTHYLENE	0.0012	U	MG/KG
D3	05-Nov-09	Acenaphthylene	0.0012	J	MG/KG
D3	16-Jan-07	ALDRIN	0.0022	U	MG/KG
D3	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.293	U	MG/KG
D3	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0022	U	MG/KG
D3	16-Jan-07	ALPHA-CHLORDANE	0.293	U	MG/KG
D3	16-Jan-07	ALUMINUM	0.0012	=	MG/KG
D3	16-Jan-07	ANTHRACENE	0.0012	U	MG/KG
D3	05-Nov-09	Anthracene	0.0012	=	MG/KG
D3	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.0012	=	MG/KG
D3	16-Jan-07	BARIUM	0.0022	=	MG/KG
D3	16-Jan-07	BENZO(a)ANTHRACENE	0.293	U	MG/KG
D3	05-Nov-09	Benzo(a)anthracene	0.0022	=	MG/KG
D3	16-Jan-07	BENZO(a)PYRENE	0.293	U	MG/KG
D3	05-Nov-09	Benzo(a)pyrene	0.0022	=	MG/KG
D3	16-Jan-07	BENZO(b)FLUORANTHENE	0.296	U	MG/KG
D3	05-Nov-09	Benzo(b)fluoranthene	0.0022	=	MG/KG
D3	16-Jan-07	BENZO(g,h,i)PERYLENE	0.293	U	MG/KG
D3	05-Nov-09	Benzo(g,h,i)perylene	0.293	=	MG/KG
D3	16-Jan-07	BENZO(k)FLUORANTHENE	0.0012	U	MG/KG
D3	05-Nov-09	Benzo(k)fluoranthene	0.0016	=	MG/KG
D3	16-Jan-07	BENZYL BUTYL PHTHALATE	0.002	U	MG/KG
D3	16-Jan-07	BERYLLIUM	0.0022	J	MG/KG

TABLE A-4
Analytical Data
Exposure Unit 1 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
D3	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.293	U	MG/KG
D3	16-Jan-07	BETA ENDOSULFAN (II)	0.293	U	MG/KG
D3	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.293	U	MG/KG
D3	16-Jan-07	BROMOFORM	0.293	U	MG/KG
D3	16-Jan-07	CALCIUM	0.293	J	MG/KG
D3	16-Jan-07	CHROMIUM, TOTAL	0.002	=	MG/KG
D3	16-Jan-07	CHRYSENE	0.0012	U	MG/KG
D3	05-Nov-09	Chrysene	0.0012	=	MG/KG
D3	16-Jan-07	COBALT	0.0012	J	MG/KG
D3	16-Jan-07	COPPER	0.024	U	MG/KG
D3	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	1.46	U	MG/KG
D3	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.293	U	MG/KG
D3	05-Nov-09	Dibenz(a,h)anthracene	0.0022	=	MG/KG
D3	16-Jan-07	DICHLOROPROP	1.46	U	MG/KG
D3	16-Jan-07	DIELDRIN	0.293	U	MG/KG
D3	16-Jan-07	DIETHYL PHTHALATE	0.002	U	MG/KG
D3	16-Jan-07	DIMETHYL PHTHALATE	0.002	U	MG/KG
D3	16-Jan-07	DI-n-BUTYL PHTHALATE	0.002	U	MG/KG
D3	16-Jan-07	DI-n-OCTYLPHTHALATE	0.002	U	MG/KG
D3	16-Jan-07	ENDOSULFAN SULFATE	0.002	U	MG/KG
D3	16-Jan-07	ENDRIN	0.002	U	MG/KG
D3	16-Jan-07	ENDRIN ALDEHYDE	0.002	U	MG/KG
D3	16-Jan-07	ENDRIN KETONE	0.293	U	MG/KG
D3	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
D3	16-Jan-07	FLUORANTHENE	0.044	U	MG/KG
D3	05-Nov-09	Fluoranthene	0.293	=	MG/KG
D3	16-Jan-07	FLUORENE	0.293	U	MG/KG
D3	16-Jan-07	FLUORENE	0.293	U	MG/KG
D3	05-Nov-09	Fluorene	1.47	J	MG/KG
D3	16-Jan-07	GAMMA BHC (LINDANE)	0.293	U	MG/KG
D3	16-Jan-07	GAMMA-CHLORDANE	0.293	U	MG/KG
D3	16-Jan-07	HEPTACHLOR	0.0022	U	MG/KG
D3	16-Jan-07	HEPTACHLOR EPOXIDE	0.293	U	MG/KG
D3	16-Jan-07	HEXACHLOROBENZENE	0.316	U	MG/KG
D3	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
D3	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
D3	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
D3	16-Jan-07	HEXACHLOROETHANE	1.46	U	MG/KG
D3	16-Jan-07	HEXACHLOROETHANE	0.293	U	MG/KG
D3	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
D3	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.732	U	MG/KG
D3	05-Nov-09	Indeno(1,2,3-cd)pyrene	0.0022	=	MG/KG
D3	16-Jan-07	IRON	0.0022	=	MG/KG
D3	16-Jan-07	ISOPHORONE	0.0012	U	MG/KG
D3	14-Sep-06	LEAD	0.0023	U	MG/KG
D3	16-Jan-07	LEAD	0.0012	J	MG/KG
D3	05-Nov-09	Lead	0.0012	=	MG/KG
D3	16-Jan-07	MAGNESIUM	0.0022	=	MG/KG
D3	16-Jan-07	MANGANESE	0.0022	=	MG/KG
D3	16-Jan-07	MERCURY	0.0022	J	MG/KG
D3	16-Jan-07	METHOXYCHLOR	0.0022	U	MG/KG
D3	16-Jan-07	METHYLENE CHLORIDE	0.0022	J	MG/KG
D3	16-Jan-07	MOLYBDENUM	0.0022	U	MG/KG
D3	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
D3	16-Jan-07	NAPHTHALENE	0.0012	U	MG/KG
D3	16-Jan-07	NAPHTHALENE	0.0012	U	MG/KG
D3	05-Nov-09	Naphthalene	0.724	JB	MG/KG
D3	16-Jan-07	NICKEL	0.0021	U	MG/KG
D3	16-Jan-07	NITROBENZENE	0.0022	U	MG/KG
D3	16-Jan-07	N-NITROSODIMETHYLAMINE	0.0012	U	MG/KG
D3	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.0022	U	MG/KG

TABLE A-4
Analytical Data
Exposure Unit 1 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
D3	16-Jan-07	N-NITROSODIPHENYLAMINE	0.0067	U	MG/KG
D3	16-Jan-07	n-PROPYLBENZENE	0.0012	U	MG/KG
D3	16-Jan-07	p,p'-DDD	0.293	U	MG/KG
D3	16-Jan-07	p,p'-DDE	0.293	U	MG/KG
D3	16-Jan-07	p,p'-DDT	0.293	U	MG/KG
D3	14-Sep-06	PCB-1260 (AROCHLOR 1260)	0.293	=	MG/KG
D3	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.0012	U	MG/KG
D3	16-Jan-07	PENTACHLOROPHENOL	0.0012	U	MG/KG
D3	16-Jan-07	pH	0.0012	=	PH
D3	16-Jan-07	PHENANTHRENE	0.0012	U	MG/KG
D3	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
D3	05-Nov-09	Phenanthrene	0.293	=	MG/KG
D3	16-Jan-07	PHENOL	0.0022	U	MG/KG
D3	16-Jan-07	POTASSIUM	0.293	J	MG/KG
D3	16-Jan-07	PYRENE	0.0012	U	MG/KG
D3	05-Nov-09	Pyrene	0.0012	=	MG/KG
D3	16-Jan-07	SELENIUM	0.0012	U	MG/KG
D3	16-Jan-07	SILVER	0.0012	U	MG/KG
D3	16-Jan-07	SODIUM	0.0022	JB	MG/KG
D3	16-Jan-07	STYRENE	0.293	U	MG/KG
D3	16-Jan-07	t-BUTYL METHYL ETHER	0.0022	U	MG/KG
D3	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.293	U	MG/KG
D3	16-Jan-07	THALLIUM	0.0022	U	MG/KG
D3	16-Jan-07	VANADIUM	0.296	=	MG/KG
D3	16-Jan-07	ZINC	0.0022	U	MG/KG
D4	05-Nov-09	1-Methylnaphthalene	0.293	U	MG/KG
D4	05-Nov-09	2-Methylnaphthalene	0.293	U	MG/KG
D4	05-Nov-09	Acenaphthene	0.0012	U	MG/KG
D4	05-Nov-09	Acenaphthylene	0.0016	U	MG/KG
D4	05-Nov-09	Anthracene	0.002	U	MG/KG
D4	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.0022	J	MG/KG
D4	05-Nov-09	Benzo(a)anthracene	0.293	J	MG/KG
D4	05-Nov-09	Benzo(a)pyrene	0.293	J	MG/KG
D4	05-Nov-09	Benzo(b)fluoranthene	0.293	=	MG/KG
D4	05-Nov-09	Benzo(g,h,i)perylene	0.293	J	MG/KG
D4	05-Nov-09	Benzo(k)fluoranthene	0.293	J	MG/KG
D4	05-Nov-09	Chrysene	0.002	J	MG/KG
D4	05-Nov-09	Dibenz(a,h)anthracene	0.0012	U	MG/KG
D4	05-Nov-09	Fluoranthene	0.0012	J	MG/KG
D4	05-Nov-09	Fluorene	0.0012	U	MG/KG
D4	05-Nov-09	Indeno(1,2,3-cd)pyrene	0.024	U	MG/KG
D4	05-Nov-09	Lead	1.46	=	MG/KG
D4	05-Nov-09	Naphthalene	0.293	U	MG/KG
D4	05-Nov-09	Phenanthrene	0.0022	U	MG/KG
D4	05-Nov-09	Pyrene	1.46	J	MG/KG
D5	14-Sep-06	LEAD	0.293	U	MG/KG
D5	14-Sep-06	PCB-1260 (AROCHLOR 1260)	0.002	U	MG/KG
D6	14-Sep-06	LEAD	0.002	U	MG/KG
D6	14-Sep-06	PCB-1260 (AROCHLOR 1260)	0.002	J	MG/KG
D7	14-Sep-06	LEAD	0.002	U	MG/KG
D7	14-Sep-06	PCB-1260 (AROCHLOR 1260)	0.002	U	MG/KG
D9	14-Sep-06	LEAD	0.002	U	MG/KG
D9	14-Sep-06	PCB-1260 (AROCHLOR 1260)	0.002	U	MG/KG
E1	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.293	U	MG/KG
E1	16-Jan-07	1,1,1-TRICHLOROETHANE	0.0022	U	MG/KG
E1	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.044	U	MG/KG
E1	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
E1	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
E1	16-Jan-07	1-METHYLNAPHTHALENE	0.293	U	MG/KG
E1	16-Jan-07	1-METHYLNAPHTHALENE	1.47	U	MG/KG
E1	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG

TABLE A-4
Analytical Data
Exposure Unit 1 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E1	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
E1	16-Jan-07	2,4-DIMETHYLPHENOL	0.0022	U	MG/KG
E1	16-Jan-07	2,4-DINITROPHENOL	0.293	UJ	MG/KG
E1	16-Jan-07	2,4-DINITROTOLUENE	0.316	U	MG/KG
E1	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
E1	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
E1	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
E1	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	1.46	U	MG/KG
E1	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
E1	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
E1	16-Jan-07	3-NITROANILINE	0.732	U	MG/KG
E1	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	0.0022	U	MG/KG
E1	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.0022	U	MG/KG
E1	16-Jan-07	4-NITROANILINE	0.0012	U	MG/KG
E1	16-Jan-07	4-NITROPHENOL	0.0023	U	MG/KG
E1	16-Jan-07	ACENAPHTHENE	0.0012	U	MG/KG
E1	16-Jan-07	ACENAPHTHYLENE	0.0012	U	MG/KG
E1	16-Jan-07	ALDRIN	0.0022	U	MG/KG
E1	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0022	U	MG/KG
E1	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0022	U	MG/KG
E1	16-Jan-07	ALPHA-CHLORDANE	0.0022	U	MG/KG
E1	16-Jan-07	ALUMINUM	0.0022	=	MG/KG
E1	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
E1	16-Jan-07	BARIUM	0.293	=	MG/KG
E1	16-Jan-07	BENZO(a)ANTHRACENE	0.0012	U	MG/KG
E1	16-Jan-07	BENZO(a)PYRENE	0.0012	U	MG/KG
E1	16-Jan-07	BENZO(b)FLUORANTHENE	0.724	U	MG/KG
E1	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0021	U	MG/KG
E1	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
E1	16-Jan-07	BENZYL BUTYL PHTHALATE	0.0012	U	MG/KG
E1	16-Jan-07	BERYLLIUM	0.0022	J	MG/KG
E1	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0067	U	MG/KG
E1	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
E1	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.293	U	MG/KG
E1	16-Jan-07	BROMOFORM	0.293	U	MG/KG
E1	16-Jan-07	CALCIUM	0.293	J	MG/KG
E1	16-Jan-07	CHROMIUM, TOTAL	0.293	=	MG/KG
E1	16-Jan-07	CHRYSENE	0.0012	U	MG/KG
E1	16-Jan-07	COBALT	0.0012	J	MG/KG
E1	16-Jan-07	COPPER	0.0012	U	MG/KG
E1	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
E1	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
E1	16-Jan-07	DICHLOROPROP	0.293	U	MG/KG
E1	16-Jan-07	DIELDRIN	0.0022	U	MG/KG
E1	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
E1	16-Jan-07	DIMETHYL PHTHALATE	0.0012	U	MG/KG
E1	16-Jan-07	DI-n-BUTYL PHTHALATE	0.0012	U	MG/KG
E1	16-Jan-07	DI-n-OCTYLPHTHALATE	0.0012	U	MG/KG
E1	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
E1	16-Jan-07	ENDRIN	0.0022	U	MG/KG
E1	16-Jan-07	ENDRIN ALDEHYDE	0.293	U	MG/KG
E1	16-Jan-07	ENDRIN KETONE	0.0022	U	MG/KG
E1	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
E1	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
E1	16-Jan-07	FLUORENE	0.296	U	MG/KG
E1	16-Jan-07	FLUORENE	0.0022	U	MG/KG
E1	16-Jan-07	GAMMA BHC (LINDANE)	0.293	U	MG/KG
E1	16-Jan-07	GAMMA-CHLORDANE	0.293	U	MG/KG
E1	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
E1	16-Jan-07	HEPTACHLOR EPOXIDE	0.0016	U	MG/KG
E1	16-Jan-07	HEXACHLOROBENZENE	0.002	U	MG/KG

TABLE A-4
Analytical Data
Exposure Unit 1 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E1	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
E1	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
E1	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
E1	16-Jan-07	HEXACHLOROETHANE	0.293	U	MG/KG
E1	16-Jan-07	HEXACHLOROETHANE	0.293	U	MG/KG
E1	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
E1	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.002	U	MG/KG
E1	16-Jan-07	IRON	0.0012	=	MG/KG
E1	16-Jan-07	ISOPHORONE	0.0012	U	MG/KG
E1	16-Jan-07	LEAD	0.0012	J	MG/KG
E1	16-Jan-07	MAGNESIUM	0.024	=	MG/KG
E1	16-Jan-07	MANGANESE	1.46	=	MG/KG
E1	16-Jan-07	MERCURY	0.293	J	MG/KG
E1	16-Jan-07	METHOXYCHLOR	0.0022	U	MG/KG
E1	16-Jan-07	METHYLENE CHLORIDE	1.46	J	MG/KG
E1	16-Jan-07	MOLYBDENUM	0.293	U	MG/KG
E1	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
E1	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
E1	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
E1	16-Jan-07	NICKEL	0.002	U	MG/KG
E1	16-Jan-07	NITROBENZENE	0.002	U	MG/KG
E1	16-Jan-07	N-NITROSODIMETHYLAMINE	0.002	U	MG/KG
E1	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.002	U	MG/KG
E1	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
E1	16-Jan-07	n-PROPYLBENZENE	0.0022	U	MG/KG
E1	16-Jan-07	p,p'-DDD	0.044	U	MG/KG
E1	16-Jan-07	p,p'-DDE	0.293	U	MG/KG
E1	16-Jan-07	p,p'-DDT	0.293	U	MG/KG
E1	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.293	U	MG/KG
E1	16-Jan-07	PENTACHLOROPHENOL	1.47	U	MG/KG
E1	16-Jan-07	pH	0.293	=	PH
E1	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
E1	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
E1	16-Jan-07	PHENOL	0.293	U	MG/KG
E1	16-Jan-07	POTASSIUM	0.316	J	MG/KG
E1	16-Jan-07	PYRENE	0.293	U	MG/KG
E1	16-Jan-07	SELENIUM	0.293	U	MG/KG
E1	16-Jan-07	SILVER	0.293	U	MG/KG
E1	16-Jan-07	SODIUM	1.46	JB	MG/KG
E1	16-Jan-07	STYRENE	0.293	U	MG/KG
E1	16-Jan-07	t-BUTYL METHYL ETHER	0.293	U	MG/KG
E1	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.732	U	MG/KG
E1	16-Jan-07	THALLIUM	0.0022	U	MG/KG
E1	16-Jan-07	VANADIUM	0.0022	=	MG/KG
E1	16-Jan-07	ZINC	0.0012	U	MG/KG
E10	14-Sep-06	LEAD	0.0023	U	MG/KG
E10	14-Sep-06	PCB-1260 (AROCHLOR 1260)	0.0012	U	MG/KG
E2	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.0012	U	MG/KG
E2	16-Jan-07	1,1,1-TRICHLOROETHANE	0.0022	U	MG/KG
E2	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.0022	U	MG/KG
E2	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.0022	U	MG/KG
E2	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.0022	U	MG/KG
E2	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
E2	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
E2	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
E2	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.0012	U	MG/KG
E2	16-Jan-07	2,4-DIMETHYLPHENOL	0.0012	U	MG/KG
E2	16-Jan-07	2,4-DINITROPHENOL	0.724	UJ	MG/KG
E2	16-Jan-07	2,4-DINITROTOLUENE	0.0021	U	MG/KG
E2	16-Jan-07	2,6-DINITROTOLUENE	0.0022	U	MG/KG
E2	16-Jan-07	2-METHYLNAPHTHALENE	0.0012	U	MG/KG

TABLE A-4
Analytical Data
Exposure Unit 1 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E2	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
E2	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.0067	U	MG/KG
E2	16-Jan-07	2-NITROANILINE	0.0012	U	MG/KG
E2	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
E2	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
E2	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	0.293	U	MG/KG
E2	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
E2	16-Jan-07	4-NITROANILINE	0.0012	U	MG/KG
E2	16-Jan-07	4-NITROPHENOL	0.0012	U	MG/KG
E2	16-Jan-07	ACENAPHTHENE	0.0012	U	MG/KG
E2	16-Jan-07	ACENAPHTHYLENE	0.0012	U	MG/KG
E2	16-Jan-07	ALDRIN	0.0022	U	MG/KG
E2	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.293	U	MG/KG
E2	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0022	U	MG/KG
E2	16-Jan-07	ALPHA-CHLORDANE	0.293	U	MG/KG
E2	16-Jan-07	ALUMINUM	0.0012	=	MG/KG
E2	16-Jan-07	ANTHRACENE	0.0012	U	MG/KG
E2	16-Jan-07	BARIUM	0.0012	=	MG/KG
E2	16-Jan-07	BENZO(a)ANTHRACENE	0.0012	U	MG/KG
E2	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
E2	16-Jan-07	BENZO(b)FLUORANTHENE	0.293	U	MG/KG
E2	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
E2	16-Jan-07	BENZO(k)FLUORANTHENE	0.293	U	MG/KG
E2	16-Jan-07	BENZYL BUTYL PHTHALATE	0.0022	U	MG/KG
E2	16-Jan-07	BERYLLIUM	0.296	J	MG/KG
E2	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0022	U	MG/KG
E2	16-Jan-07	BETA ENDOSULFAN (II)	0.293	U	MG/KG
E2	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.293	U	MG/KG
E2	16-Jan-07	BROMOFORM	0.0012	U	MG/KG
E2	16-Jan-07	CALCIUM	0.0016	J	MG/KG
E2	16-Jan-07	CHROMIUM, TOTAL	0.002	=	MG/KG
E2	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
E2	16-Jan-07	COBALT	0.293	J	MG/KG
E2	16-Jan-07	COPPER	0.293	U	MG/KG
E2	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.293	U	MG/KG
E2	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.293	U	MG/KG
E2	16-Jan-07	DICHLOROPROP	0.293	U	MG/KG
E2	16-Jan-07	DIELDRIN	0.002	U	MG/KG
E2	16-Jan-07	DIETHYL PHTHALATE	0.0012	U	MG/KG
E2	16-Jan-07	DIMETHYL PHTHALATE	0.0012	U	MG/KG
E2	16-Jan-07	DI-n-BUTYL PHTHALATE	0.0012	U	MG/KG
E2	16-Jan-07	DI-n-OCTYLPHTHALATE	0.024	U	MG/KG
E2	16-Jan-07	ENDOSULFAN SULFATE	1.46	U	MG/KG
E2	16-Jan-07	ENDRIN	0.293	U	MG/KG
E2	16-Jan-07	ENDRIN ALDEHYDE	0.0022	U	MG/KG
E2	16-Jan-07	ENDRIN KETONE	1.46	U	MG/KG
E2	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
E2	16-Jan-07	FLUORANTHENE	0.002	U	MG/KG
E2	16-Jan-07	FLUORENE	0.002	U	MG/KG
E2	16-Jan-07	FLUORENE	0.002	U	MG/KG
E2	16-Jan-07	GAMMA BHC (LINDANE)	0.002	U	MG/KG
E2	16-Jan-07	GAMMA-CHLORDANE	0.002	U	MG/KG
E2	16-Jan-07	HEPTACHLOR	0.002	U	MG/KG
E2	16-Jan-07	HEPTACHLOR EPOXIDE	0.002	U	MG/KG
E2	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
E2	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
E2	16-Jan-07	HEXACHLOROBUTADIENE	0.044	U	MG/KG
E2	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
E2	16-Jan-07	HEXACHLOROETHANE	0.293	U	MG/KG
E2	16-Jan-07	HEXACHLOROETHANE	0.293	U	MG/KG
E2	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	1.47	U	MG/KG

TABLE A-4
Analytical Data
Exposure Unit 1 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E2	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
E2	16-Jan-07	IRON	0.293	=	MG/KG
E2	16-Jan-07	ISOPHORONE	0.0022	U	MG/KG
E2	14-Sep-06	LEAD	0.293	U	MG/KG
E2	16-Jan-07	LEAD	0.316	J	MG/KG
E2	16-Jan-07	MAGNESIUM	0.293	=	MG/KG
E2	16-Jan-07	MANGANESE	0.293	=	MG/KG
E2	16-Jan-07	MERCURY	0.293	J	MG/KG
E2	16-Jan-07	METHOXYCHLOR	1.46	U	MG/KG
E2	16-Jan-07	METHYLENE CHLORIDE	0.293	J	MG/KG
E2	16-Jan-07	MOLYBDENUM	0.293	U	MG/KG
E2	16-Jan-07	NAPHTHALENE	0.732	U	MG/KG
E2	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
E2	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
E2	16-Jan-07	NICKEL	0.0012	U	MG/KG
E2	16-Jan-07	NITROBENZENE	0.0023	U	MG/KG
E2	16-Jan-07	N-NITROSODIMETHYLAMINE	0.0012	U	MG/KG
E2	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.0012	U	MG/KG
E2	16-Jan-07	N-NITROSODIPHENYLAMINE	0.0022	U	MG/KG
E2	16-Jan-07	n-PROPYLBENZENE	0.0022	U	MG/KG
E2	16-Jan-07	p,p'-DDD	0.0022	U	MG/KG
E2	16-Jan-07	p,p'-DDE	0.0022	U	MG/KG
E2	16-Jan-07	p,p'-DDT	0.0022	U	MG/KG
E2	14-Sep-06	PCB-1260 (AROCHLOR 1260)	0.0022	=	MG/KG
E2	14-Sep-06	PCB-1260 (AROCHLOR 1260)	0.293	U	UG/L
E2	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.0012	U	MG/KG
E2	16-Jan-07	PENTACHLOROPHENOL	0.0012	U	MG/KG
E2	16-Jan-07	pH	0.724	=	PH
E2	16-Jan-07	PHENANTHRENE	0.0021	U	MG/KG
E2	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
E2	16-Jan-07	PHENOL	0.0012	U	MG/KG
E2	16-Jan-07	POTASSIUM	0.0022	J	MG/KG
E2	16-Jan-07	PYRENE	0.0067	U	MG/KG
E2	16-Jan-07	SELENIUM	0.0012	U	MG/KG
E2	16-Jan-07	SILVER	0.293	U	MG/KG
E2	16-Jan-07	SODIUM	0.293	JB	MG/KG
E2	16-Jan-07	STYRENE	0.293	U	MG/KG
E2	16-Jan-07	t-BUTYL METHYL ETHER	0.293	U	MG/KG
E2	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.0012	U	MG/KG
E2	16-Jan-07	THALLIUM	0.0012	U	MG/KG
E2	16-Jan-07	VANADIUM	0.0012	=	MG/KG
E2	16-Jan-07	ZINC	0.0012	U	MG/KG
E3	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.0022	U	MG/KG
E3	16-Jan-07	1,1,1-TRICHLOROETHANE	0.293	U	MG/KG
E3	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.0022	U	MG/KG
E3	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
E3	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.0012	U	MG/KG
E3	16-Jan-07	1-METHYLNAPHTHALENE	0.0012	U	MG/KG
E3	16-Jan-07	1-METHYLNAPHTHALENE	0.0012	U	MG/KG
E3	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.0012	U	MG/KG
E3	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.0022	U	MG/KG
E3	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
E3	16-Jan-07	2,4-DINITROPHENOL	0.0022	UJ	MG/KG
E3	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
E3	16-Jan-07	2,6-DINITROTOLUENE	0.0022	U	MG/KG
E3	16-Jan-07	2-METHYLNAPHTHALENE	0.296	U	MG/KG
E3	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
E3	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.293	U	MG/KG
E3	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
E3	16-Jan-07	2-NITROPHENOL	0.0012	U	MG/KG
E3	16-Jan-07	3-NITROANILINE	0.0016	U	MG/KG

TABLE A-4
Analytical Data
Exposure Unit 1 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E3	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	0.002	U	MG/KG
E3	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.0022	U	MG/KG
E3	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
E3	16-Jan-07	4-NITROPHENOL	0.293	U	MG/KG
E3	16-Jan-07	ACENAPHTHENE	0.293	U	MG/KG
E3	16-Jan-07	ACENAPHTHYLENE	0.293	U	MG/KG
E3	16-Jan-07	ALDRIN	0.293	U	MG/KG
E3	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.002	U	MG/KG
E3	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
E3	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
E3	16-Jan-07	ALUMINUM	0.0012	=	MG/KG
E3	16-Jan-07	ANTHRACENE	0.024	U	MG/KG
E3	16-Jan-07	BARIUM	1.46	=	MG/KG
E3	16-Jan-07	BENZO(a)ANTHRACENE	0.293	U	MG/KG
E3	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
E3	16-Jan-07	BENZO(b)FLUORANTHENE	1.46	U	MG/KG
E3	16-Jan-07	BENZO(g,h,i)PERYLENE	0.293	U	MG/KG
E3	16-Jan-07	BENZO(k)FLUORANTHENE	0.002	U	MG/KG
E3	16-Jan-07	BENZYL BUTYL PHTHALATE	0.002	U	MG/KG
E3	16-Jan-07	BERYLLIUM	0.002	J	MG/KG
E3	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	1.2	U	MG/KG
E3	16-Jan-07	BETA ENDOSULFAN (II)	1.2	U	MG/KG
E3	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	724	U	MG/KG
E3	16-Jan-07	BROMOFORM	2.1	U	MG/KG
E3	16-Jan-07	CALCIUM	278000	J	MG/KG
E3	16-Jan-07	CHROMIUM, TOTAL	4.39	=	MG/KG
E3	16-Jan-07	CHRYSENE	2.2	U	MG/KG
E3	16-Jan-07	COBALT	0.27	J	MG/KG
E3	16-Jan-07	COPPER	1.75	U	MG/KG
E3	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	1.2	U	MG/KG
E3	16-Jan-07	DIBENZ(a,h)ANTHRACENE	2.2	U	MG/KG
E3	16-Jan-07	DICHLOROPROP	6.7	U	MG/KG
E3	16-Jan-07	DIELDRIN	1.2	U	MG/KG
E3	16-Jan-07	DIETHYL PHTHALATE	293	U	MG/KG
E3	16-Jan-07	DIMETHYL PHTHALATE	293	U	MG/KG
E3	16-Jan-07	DI-n-BUTYL PHTHALATE	293	U	MG/KG
E3	16-Jan-07	DI-n-OCTYLPHTHALATE	293	U	MG/KG
E3	16-Jan-07	ENDOSULFAN SULFATE	1.2	U	MG/KG
E3	16-Jan-07	ENDRIN	1.2	U	MG/KG
E3	16-Jan-07	ENDRIN ALDEHYDE	1.2	U	MG/KG
E3	16-Jan-07	ENDRIN KETONE	1.2	U	MG/KG
E3	16-Jan-07	FLUORANTHENE	2.2	U	MG/KG
E3	16-Jan-07	FLUORANTHENE	293	U	MG/KG
E3	16-Jan-07	FLUORENE	2.2	U	MG/KG
E3	16-Jan-07	FLUORENE	293	U	MG/KG
E3	16-Jan-07	GAMMA BHC (LINDANE)	1.2	U	MG/KG
E3	16-Jan-07	GAMMA-CHLORDANE	1.2	U	MG/KG
E3	16-Jan-07	HEPTACHLOR	1.2	U	MG/KG
E3	16-Jan-07	HEPTACHLOR EPOXIDE	1.2	U	MG/KG
E3	16-Jan-07	HEXACHLOROBENZENE	2.2	U	MG/KG
E3	16-Jan-07	HEXACHLOROBENZENE	293	U	MG/KG
E3	16-Jan-07	HEXACHLOROBUTADIENE	2.2	U	MG/KG
E3	16-Jan-07	HEXACHLOROBUTADIENE	293	U	MG/KG
E3	16-Jan-07	HEXACHLOROETHANE	2.2	U	MG/KG
E3	16-Jan-07	HEXACHLOROETHANE	296	U	MG/KG
E3	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	2.2	U	MG/KG
E3	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	293	U	MG/KG
E3	16-Jan-07	IRON	522	=	MG/KG
E3	16-Jan-07	ISOPHORONE	293	U	MG/KG
E3	14-Sep-06	LEAD	38.1	U	MG/KG
E3	16-Jan-07	LEAD	12.6	J	MG/KG

TABLE A-4
Analytical Data
Exposure Unit 1 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E3	16-Jan-07	MAGNESIUM	1920	=	MG/KG
E3	16-Jan-07	MANGANESE	17.7	=	MG/KG
E3	16-Jan-07	MERCURY	0.00451	J	MG/KG
E3	16-Jan-07	METHOXYCHLOR	1.2	U	MG/KG
E3	16-Jan-07	METHYLENE CHLORIDE	1.6	J	MG/KG
E3	16-Jan-07	MOLYBDENUM	17.5	U	MG/KG
E3	16-Jan-07	NAPHTHALENE	2	U	MG/KG
E3	16-Jan-07	NAPHTHALENE	2.2	U	MG/KG
E3	16-Jan-07	NAPHTHALENE	293	U	MG/KG
E3	16-Jan-07	NICKEL	1.75	U	MG/KG
E3	16-Jan-07	NITROBENZENE	293	U	MG/KG
E3	16-Jan-07	N-NITROSODIMETHYLAMINE	293	U	MG/KG
E3	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	293	U	MG/KG
E3	16-Jan-07	N-NITROSODIPHENYLAMINE	293	U	MG/KG
E3	16-Jan-07	n-PROPYLBENZENE	2	U	MG/KG
E3	16-Jan-07	p,p'-DDD	1.2	U	MG/KG
E3	16-Jan-07	p,p'-DDE	1.2	U	MG/KG
E3	16-Jan-07	p,p'-DDT	1.2	U	MG/KG
E3	14-Sep-06	PCB-1260 (AROCHLOR 1260)	2.4	=	MG/KG
E3	14-Sep-06	PCB-1260 (AROCHLOR 1260)	0.51	U	UG/L
E3	16-Jan-07	PCB-1260 (AROCHLOR 1260)	24	U	MG/KG
E3	16-Jan-07	PENTACHLOROPHENOL	1460	U	MG/KG
E3	16-Jan-07	pH	8.23	=	PH
E3	16-Jan-07	PHENANTHRENE	293	U	MG/KG
E3	16-Jan-07	PHENANTHRENE	2.2	U	MG/KG
E3	16-Jan-07	PHENOL	1460	U	MG/KG
E3	16-Jan-07	POTASSIUM	61.9	J	MG/KG
E3	16-Jan-07	PYRENE	293	U	MG/KG
E3	16-Jan-07	SELENIUM	3.15	U	MG/KG
E3	16-Jan-07	SILVER	1.75	U	MG/KG
E3	16-Jan-07	SODIUM	188	JB	MG/KG
E3	16-Jan-07	STYRENE	2	U	MG/KG
E3	16-Jan-07	t-BUTYL METHYL ETHER	2	U	MG/KG
E3	16-Jan-07	TETRACHLOROETHYLENE(PCE)	2	U	MG/KG
E3	16-Jan-07	THALLIUM	3.5	U	MG/KG
E3	16-Jan-07	VANADIUM	4.05	=	MG/KG
E3	16-Jan-07	ZINC	3.5	U	MG/KG
E4	14-Sep-06	LEAD	78.2	U	MG/KG
E4	14-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
E5	14-Sep-06	LEAD	36.5	U	MG/KG
E5	14-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
E7	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	2	U	MG/KG
E7	16-Jan-07	1,1,1-TRICHLOROETHANE	2	U	MG/KG
E7	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	2	U	MG/KG
E7	16-Jan-07	1,2,4-TRICHLOROBENZENE	2	U	MG/KG
E7	16-Jan-07	1,2,4-TRICHLOROBENZENE	293	U	MG/KG
E7	16-Jan-07	1-METHYLNAPHTHALENE	2.2	U	MG/KG
E7	16-Jan-07	1-METHYLNAPHTHALENE	44	U	MG/KG
E7	16-Jan-07	2,4,5-TRICHLOROPHENOL	293	U	MG/KG
E7	16-Jan-07	2,4,6-TRICHLOROPHENOL	293	U	MG/KG
E7	16-Jan-07	2,4-DIMETHYLPHENOL	293	U	MG/KG
E7	16-Jan-07	2,4-DINITROPHENOL	1470	UJ	MG/KG
E7	16-Jan-07	2,4-DINITROTOLUENE	293	U	MG/KG
E7	16-Jan-07	2,6-DINITROTOLUENE	293	U	MG/KG
E7	16-Jan-07	2-METHYLNAPHTHALENE	2.2	U	MG/KG
E7	16-Jan-07	2-METHYLNAPHTHALENE	293	U	MG/KG
E7	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	316	U	MG/KG
E7	16-Jan-07	2-NITROANILINE	293	U	MG/KG
E7	16-Jan-07	2-NITROPHENOL	293	U	MG/KG
E7	16-Jan-07	3-NITROANILINE	293	U	MG/KG
E7	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1460	U	MG/KG

TABLE A-4
Analytical Data
Exposure Unit 1 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E7	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	293	U	MG/KG
E7	16-Jan-07	4-NITROANILINE	293	U	MG/KG
E7	16-Jan-07	4-NITROPHENOL	732	U	MG/KG
E7	16-Jan-07	ACENAPHTHENE	2.2	U	MG/KG
E7	16-Jan-07	ACENAPHTHYLENE	2.2	U	MG/KG
E7	16-Jan-07	ALDRIN	1.2	U	MG/KG
E7	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	2.3	U	MG/KG
E7	16-Jan-07	ALPHA ENDOSULFAN (I)	1.2	U	MG/KG
E7	16-Jan-07	ALPHA-CHLORDANE	1.2	U	MG/KG
E7	16-Jan-07	ALUMINUM	534	=	MG/KG
E7	16-Jan-07	ANTHRACENE	2.2	U	MG/KG
E7	16-Jan-07	BARIUM	2.99	=	MG/KG
E7	16-Jan-07	BENZO(a)ANTHRACENE	2.2	U	MG/KG
E7	16-Jan-07	BENZO(a)PYRENE	2.2	U	MG/KG
E7	16-Jan-07	BENZO(b)FLUORANTHENE	2.2	U	MG/KG
E7	16-Jan-07	BENZO(g,h,i)PERYLENE	2.2	U	MG/KG
E7	16-Jan-07	BENZO(k)FLUORANTHENE	2.2	U	MG/KG
E7	16-Jan-07	BENZYL BUTYL PHTHALATE	293	U	MG/KG
E7	16-Jan-07	BERYLLIUM	0.0628	J	MG/KG
E7	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	1.2	U	MG/KG
E7	16-Jan-07	BETA ENDOSULFAN (II)	1.2	U	MG/KG
E7	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	724	U	MG/KG
E7	16-Jan-07	BROMOFORM	2.1	U	MG/KG
E7	16-Jan-07	CALCIUM	278000	J	MG/KG
E7	16-Jan-07	CHROMIUM, TOTAL	4.39	=	MG/KG
E7	16-Jan-07	CHRYSENE	2.2	U	MG/KG
E7	16-Jan-07	COBALT	0.27	J	MG/KG
E7	16-Jan-07	COPPER	1.75	U	MG/KG
E7	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	1.2	U	MG/KG
E7	16-Jan-07	DIBENZ(a,h)ANTHRACENE	2.2	U	MG/KG
E7	16-Jan-07	DICHLOROPROP	6.7	U	MG/KG
E7	16-Jan-07	DIELDRIN	1.2	U	MG/KG
E7	16-Jan-07	DIETHYL PHTHALATE	293	U	MG/KG
E7	16-Jan-07	DIMETHYL PHTHALATE	293	U	MG/KG
E7	16-Jan-07	DI-n-BUTYL PHTHALATE	293	U	MG/KG
E7	16-Jan-07	DI-n-OCTYLPHTHALATE	293	U	MG/KG
E7	16-Jan-07	ENDOSULFAN SULFATE	1.2	U	MG/KG
E7	16-Jan-07	ENDRIN	1.2	U	MG/KG
E7	16-Jan-07	ENDRIN ALDEHYDE	1.2	U	MG/KG
E7	16-Jan-07	ENDRIN KETONE	1.2	U	MG/KG
E7	16-Jan-07	FLUORANTHENE	2.2	U	MG/KG
E7	16-Jan-07	FLUORANTHENE	293	U	MG/KG
E7	16-Jan-07	FLUORENE	2.2	U	MG/KG
E7	16-Jan-07	FLUORENE	293	U	MG/KG
E7	16-Jan-07	GAMMA BHC (LINDANE)	1.2	U	MG/KG
E7	16-Jan-07	GAMMA-CHLORDANE	1.2	U	MG/KG
E7	16-Jan-07	HEPTACHLOR	1.2	U	MG/KG
E7	16-Jan-07	HEPTACHLOR EPOXIDE	1.2	U	MG/KG
E7	16-Jan-07	HEXACHLOROBENZENE	2.2	U	MG/KG
E7	16-Jan-07	HEXACHLOROBENZENE	293	U	MG/KG
E7	16-Jan-07	HEXACHLOROBUTADIENE	2.2	U	MG/KG
E7	16-Jan-07	HEXACHLOROBUTADIENE	293	U	MG/KG
E7	16-Jan-07	HEXACHLOROETHANE	2.2	U	MG/KG
E7	16-Jan-07	HEXACHLOROETHANE	296	U	MG/KG
E7	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	2.2	U	MG/KG
E7	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	293	U	MG/KG
E7	16-Jan-07	IRON	522	=	MG/KG
E7	16-Jan-07	ISOPHORONE	293	U	MG/KG
E7	14-Sep-06	LEAD	33.5	U	MG/KG
E7	16-Jan-07	LEAD	12.6	J	MG/KG
E7	16-Jan-07	MAGNESIUM	1920	=	MG/KG

TABLE A-4
Analytical Data
Exposure Unit 1 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E7	16-Jan-07	MANGANESE	17.7	=	MG/KG
E7	16-Jan-07	MERCURY	0.00451	J	MG/KG
E7	16-Jan-07	METHOXYCHLOR	1.2	U	MG/KG
E7	16-Jan-07	METHYLENE CHLORIDE	1.6	J	MG/KG
E7	16-Jan-07	MOLYBDENUM	17.5	U	MG/KG
E7	16-Jan-07	NAPHTHALENE	2	U	MG/KG
E7	16-Jan-07	NAPHTHALENE	2.2	U	MG/KG
E7	16-Jan-07	NAPHTHALENE	293	U	MG/KG
E7	16-Jan-07	NICKEL	1.75	U	MG/KG
E7	16-Jan-07	NITROBENZENE	293	U	MG/KG
E7	16-Jan-07	N-NITROSODIMETHYLAMINE	293	U	MG/KG
E7	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	293	U	MG/KG
E7	16-Jan-07	N-NITROSODIPHENYLAMINE	293	U	MG/KG
E7	16-Jan-07	n-PROPYLBENZENE	2	U	MG/KG
E7	16-Jan-07	p,p'-DDD	1.2	U	MG/KG
E7	16-Jan-07	p,p'-DDE	1.2	U	MG/KG
E7	16-Jan-07	p,p'-DDT	1.2	U	MG/KG
E7	14-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	=	MG/KG
E7	16-Jan-07	PCB-1260 (AROCHLOR 1260)	24	U	MG/KG
E7	16-Jan-07	PENTACHLOROPHENOL	1460	U	MG/KG
E7	16-Jan-07	pH	8.23	=	PH
E7	16-Jan-07	PHENANTHRENE	293	U	MG/KG
E7	16-Jan-07	PHENANTHRENE	2.2	U	MG/KG
E7	16-Jan-07	PHENOL	1460	U	MG/KG
E7	16-Jan-07	POTASSIUM	61.9	J	MG/KG
E7	16-Jan-07	PYRENE	293	U	MG/KG
E7	16-Jan-07	SELENIUM	3.15	U	MG/KG
E7	16-Jan-07	SILVER	1.75	U	MG/KG
E7	16-Jan-07	SODIUM	188	JB	MG/KG
E7	16-Jan-07	STYRENE	2	U	MG/KG
E7	16-Jan-07	t-BUTYL METHYL ETHER	2	U	MG/KG
E7	16-Jan-07	TETRACHLOROETHYLENE(PCE)	2	U	MG/KG
E7	16-Jan-07	THALLIUM	3.5	U	MG/KG
E7	16-Jan-07	VANADIUM	4.05	=	MG/KG
E7	16-Jan-07	ZINC	3.5	U	MG/KG
E8	14-Sep-06	LEAD	33.6	U	MG/KG
E8	14-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	MG/KG
E9	14-Sep-06	LEAD	33.7	U	MG/KG
E9	14-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	MG/KG
HFSB-06	Apr-09	PCB-1260 (AROCHLOR 1260)	0.17	=	MG/KG
HFSB-06	Apr-09	BEQ	0.22	=	MG/KG
HFSB-06	Apr-09	Lead	110	=	MG/KG
HFSB-07	Apr-09	PCB-1260 (AROCHLOR 1260)	4.7	=	MG/KG
HFSB-07	Apr-09	BEQ	0.2	=	MG/KG
HFSB-07	Apr-09	Lead	7.2	=	MG/KG
HFSB-09	Apr-09	PCB-1260 (AROCHLOR 1260)	0.0059	U	MG/KG
HFSB-09	Apr-09	BEQ	1.48	=	MG/KG
HFSB-09	Apr-09	Lead	28	=	MG/KG
L10	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
L10	07-Sep-06	Lead	49.5	=	MG/KG
M10	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	MG/KG
M10	07-Sep-06	Lead	31.3	U	MG/KG
M2	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.31	U	MG/KG
M2	07-Sep-06	Lead	30.3	U	MG/KG
M4	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	MG/KG
M4	07-Sep-06	Lead	28.1	J	MG/KG
M6	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	MG/KG
M6	07-Sep-06	Lead	40.6	=	MG/KG
M8	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
M8	07-Sep-06	Lead	32.5	U	MG/KG
N10	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG

TABLE A-4
Analytical Data
Exposure Unit 1 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
N10	07-Sep-06	Lead	32.8	U	MG/KG
N2	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	MG/KG
N2	07-Sep-06	Lead	34.1	U	MG/KG
N4	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	MG/KG
N4	07-Sep-06	Lead	31.1	U	MG/KG
N6	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	MG/KG
N6	07-Sep-06	Lead	26.1	J	MG/KG
N8	07-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
N8	07-Sep-06	Lead	32.6	U	MG/KG
SB07E	24-Jul-09	PCB-1260 (AROCHLOR 1260)	0.5	=	MG/KG
SB07N	24-Jul-09	PCB-1260 (AROCHLOR 1260)	0.49	=	MG/KG
SB07S	24-Jul-09	PCB-1260 (AROCHLOR 1260)	0.1	=	MG/KG
SB07W	24-Jul-09	PCB-1260 (AROCHLOR 1260)	1.1	=	MG/KG
SB09A	24-Jul-09	1-Methylnaphthalene	0.015	=	MG/KG
SB09A	24-Jul-09	2-Methylnaphthalene	0.011	=	MG/KG
SB09A	24-Jul-09	Acenaphthene	0.058	=	MG/KG
SB09A	24-Jul-09	Acenaphthylene	0.0095	U	MG/KG
SB09A	24-Jul-09	Anthracene	0.075	=	MG/KG
SB09A	24-Jul-09	Benzo(a)anthracene	0.2	=	MG/KG
SB09A	24-Jul-09	Benzo(a)pyrene	0.23	=	MG/KG
SB09A	24-Jul-09	Benzo(b)fluoranthene	0.19	=	MG/KG
SB09A	24-Jul-09	Benzo(g,h,i)perylene	0.17	=	MG/KG
SB09A	24-Jul-09	Benzo(k)fluoranthene	0.075	=	MG/KG
SB09A	24-Jul-09	Chrysene	0.2	=	MG/KG
SB09A	24-Jul-09	Dibenz(a,h)anthracene	0.024	=	MG/KG
SB09A	24-Jul-09	Fluoranthene	0.4	=	MG/KG
SB09A	24-Jul-09	Fluorene	0.037	=	MG/KG
SB09A	24-Jul-09	Indeno(1,2,3-cd)pyrene	0.13	=	MG/KG
SB09A	24-Jul-09	Naphthalene	0.041	=	MG/KG
SB09A	24-Jul-09	Phenanthrene	0.29	=	MG/KG
SB09A	24-Jul-09	Pyrene	0.38	=	MG/KG
SB09N	24-Jul-09	1-Methylnaphthalene	0.042	U	MG/KG
SB09N	24-Jul-09	2-Methylnaphthalene	0.045	U	MG/KG
SB09N	24-Jul-09	Acenaphthene	0.056	J	MG/KG
SB09N	24-Jul-09	Acenaphthylene	0.048	U	MG/KG
SB09N	24-Jul-09	Anthracene	0.075	J	MG/KG
SB09N	24-Jul-09	Benzo(a)anthracene	0.37	J	MG/KG
SB09N	24-Jul-09	Benzo(a)pyrene	0.56	J	MG/KG
SB09N	24-Jul-09	Benzo(b)fluoranthene	0.49	J	MG/KG
SB09N	24-Jul-09	Benzo(g,h,i)perylene	0.042	U	MG/KG
SB09N	24-Jul-09	Benzo(k)fluoranthene	0.22	J	MG/KG
SB09N	24-Jul-09	Chrysene	0.63	J	MG/KG
SB09N	24-Jul-09	Dibenz(a,h)anthracene	0.042	U	MG/KG
SB09N	24-Jul-09	Fluoranthene	0.74	J	MG/KG
SB09N	24-Jul-09	Fluorene	0.046	J	MG/KG
SB09N	24-Jul-09	Indeno(1,2,3-cd)pyrene	0.19	J	MG/KG
SB09N	24-Jul-09	Naphthalene	0.042	U	MG/KG
SB09N	24-Jul-09	Phenanthrene	0.56	J	MG/KG
SB09N	24-Jul-09	Pyrene	0.59	J	MG/KG
SB09S	24-Jul-09	1-Methylnaphthalene	0.0048	J	MG/KG
SB09S	24-Jul-09	2-Methylnaphthalene	0.0053	J	MG/KG
SB09S	24-Jul-09	Acenaphthene	0.0083	U	MG/KG
SB09S	24-Jul-09	Acenaphthylene	0.0095	U	MG/KG
SB09S	24-Jul-09	Anthracene	0.0043	J	MG/KG
SB09S	24-Jul-09	Benzo(a)anthracene	0.02	=	MG/KG
SB09S	24-Jul-09	Benzo(a)pyrene	0.031	=	MG/KG
SB09S	24-Jul-09	Benzo(b)fluoranthene	0.033	=	MG/KG
SB09S	24-Jul-09	Benzo(g,h,i)perylene	0.037	=	MG/KG
SB09S	24-Jul-09	Benzo(k)fluoranthene	0.011	=	MG/KG
SB09S	24-Jul-09	Chrysene	0.03	=	MG/KG
SB09S	24-Jul-09	Dibenz(a,h)anthracene	0.0048	J	MG/KG

TABLE A-4
Analytical Data
Exposure Unit 1 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
SB09S	24-Jul-09	Fluoranthene	0.041	=	MG/KG
SB09S	24-Jul-09	Fluorene	0.0083	U	MG/KG
SB09S	24-Jul-09	Indeno(1,2,3-cd)pyrene	0.024	=	MG/KG
SB09S	24-Jul-09	Naphthalene	0.0048	J	MG/KG
SB09S	24-Jul-09	Phenanthrene	0.017	=	MG/KG
SB09S	24-Jul-09	Pyrene	0.036	=	MG/KG
SB09W	24-Jul-09	1-Methylnaphthalene	0.008	U	MG/KG
SB09W	24-Jul-09	2-Methylnaphthalene	0.0084	U	MG/KG
SB09W	24-Jul-09	Acenaphthene	0.0051	J	MG/KG
SB09W	24-Jul-09	Acenaphthylene	0.0091	U	MG/KG
SB09W	24-Jul-09	Anthracene	0.0095	=	MG/KG
SB09W	24-Jul-09	Benzo(a)anthracene	0.027	=	MG/KG
SB09W	24-Jul-09	Benzo(a)pyrene	0.038	=	MG/KG
SB09W	24-Jul-09	Benzo(b)fluoranthene	0.034	=	MG/KG
SB09W	24-Jul-09	Benzo(g,h,i)perylene	0.044	=	MG/KG
SB09W	24-Jul-09	Benzo(k)fluoranthene	0.015	=	MG/KG
SB09W	24-Jul-09	Chrysene	0.032	=	MG/KG
SB09W	24-Jul-09	Dibenz(a,h)anthracene	0.0082	=	MG/KG
SB09W	24-Jul-09	Fluoranthene	0.061	=	MG/KG
SB09W	24-Jul-09	Fluorene	0.0048	J	MG/KG
SB09W	24-Jul-09	Indeno(1,2,3-cd)pyrene	0.027	=	MG/KG
SB09W	24-Jul-09	Naphthalene	0.0026	J	MG/KG
SB09W	24-Jul-09	Phenanthrene	0.037	=	MG/KG
SB09W	24-Jul-09	Pyrene	0.05	=	MG/KG
T2	12-Sep-06	LEAD	59.8	U	MG/KG
T2	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
T3	12-Sep-06	LEAD	74.3	U	MG/KG
T3	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
T7	12-Sep-06	LEAD	68.6	U	MG/KG
T7	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
U1	13-Sep-06	LEAD	29.4	U	MG/KG
U1	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	MG/KG
U10	13-Sep-06	LEAD	61	U	MG/KG
U10	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	MG/KG
U2	13-Sep-06	LEAD	62.1	U	MG/KG
U2	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
U3	13-Sep-06	LEAD	62.4	U	MG/KG
U3	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
U5	13-Sep-06	LEAD	61.6	U	MG/KG
U5	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	MG/KG
U6	13-Sep-06	LEAD	74.2	U	MG/KG
U6	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
U7	13-Sep-06	LEAD	25.2	J	MG/KG
U7	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	MG/KG
U9	13-Sep-06	LEAD	68.1	U	MG/KG
U9	13-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	MG/KG
D2	16-Jan-07	BEQ	0.0025	U	MG/KG
D3	16-Jan-07	BEQ	0.0025	U	MG/KG
E1	16-Jan-07	BEQ	0.0025	U	MG/KG
E2	16-Jan-07	BEQ	0.0025	U	MG/KG
E3	16-Jan-07	BEQ	0.0025	U	MG/KG
E7	16-Jan-07	BEQ	0.0025	U	MG/KG
SB09A	24-Jul-09	BEQ	0.0025	=	MG/KG
SB09N	24-Jul-09	BEQ	0.56	=	MG/KG
SB09S	24-Jul-09	BEQ	0.031	=	MG/KG
SB09W	24-Jul-09	BEQ	0.038	=	MG/KG
A2	05-Nov-09	BEQ	0.2	=	MG/KG

TABLE A-4
Analytical Data
Exposure Unit 1 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
B1	05-Nov-09	BEQ	0.16	=	MG/KG
B2	05-Nov-09	BEQ	0.11	=	MG/KG
B3	05-Nov-09	BEQ	0.02	=	MG/KG
C1	05-Nov-09	BEQ	0.12	=	MG/KG
C2	05-Nov-09	BEQ	0.15	=	MG/KG
C3	05-Nov-09	BEQ	0.02	=	MG/KG
C4	05-Nov-09	BEQ	0.04	=	MG/KG
D1	05-Nov-09	BEQ	0.03	=	MG/KG
D3	05-Nov-09	BEQ	0.14	=	MG/KG
D4	05-Nov-09	BEQ	0.05	=	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E1	04-Nov-09	1-Methylnaphthalene	0.018	U	MG/KG
E1	04-Nov-09	2-Methylnaphthalene	0.018	U	MG/KG
E1	04-Nov-09	Acenaphthene	0.018	U	MG/KG
E1	04-Nov-09	Acenaphthylene	0.0072	J	MG/KG
E1	04-Nov-09	Anthracene	0.018	U	MG/KG
E1	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.76	=	MG/KG
E1	04-Nov-09	Benzo(a)anthracene	0.014	J	MG/KG
E1	04-Nov-09	Benzo(a)pyrene	0.035	=	MG/KG
E1	04-Nov-09	Benzo(b)fluoranthene	0.05	=	MG/KG
E1	04-Nov-09	Benzo(g,h,i)perylene	0.048	=	MG/KG
E1	04-Nov-09	Benzo(k)fluoranthene	0.018	J	MG/KG
E1	04-Nov-09	Chrysene	0.017	=	MG/KG
E1	04-Nov-09	Dibenz(a,h)anthracene	0.017	J	MG/KG
E1	04-Nov-09	Fluoranthene	0.013	B	MG/KG
E1	04-Nov-09	Fluorene	0.018	U	MG/KG
E1	04-Nov-09	Indeno(1,2,3-cd)pyrene	0.061	=	MG/KG
E1	04-Nov-09	Lead	4.01	=	MG/KG
E1	04-Nov-09	Naphthalene	0.018	U	MG/KG
E1	04-Nov-09	Phenanthrene	0.018	U	MG/KG
E1	04-Nov-09	Pyrene	0.012	J	MG/KG
E2	04-Nov-09	1-Methylnaphthalene	0.0035	U	MG/KG
E2	04-Nov-09	2-Methylnaphthalene	0.0035	U	MG/KG
E2	04-Nov-09	Acenaphthene	0.0035	U	MG/KG
E2	04-Nov-09	Acenaphthylene	0.0035	U	MG/KG
E2	04-Nov-09	Anthracene	0.0035	U	MG/KG
E2	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.88	=	MG/KG
E2	04-Nov-09	Benzo(a)anthracene	0.0018	J	MG/KG
E2	04-Nov-09	Benzo(a)pyrene	0.0045	J	MG/KG
E2	04-Nov-09	Benzo(b)fluoranthene	0.0059	=	MG/KG
E2	04-Nov-09	Benzo(g,h,i)perylene	0.0056	J	MG/KG
E2	04-Nov-09	Benzo(k)fluoranthene	0.0021	J	MG/KG
E2	04-Nov-09	Chrysene	0.0018	J	MG/KG
E2	04-Nov-09	Dibenz(a,h)anthracene	0.0069	U	MG/KG
E2	04-Nov-09	Fluoranthene	0.0016	B	MG/KG
E2	04-Nov-09	Fluorene	0.0035	U	MG/KG
E2	04-Nov-09	Indeno(1,2,3-cd)pyrene	0.0072	J	MG/KG
E2	04-Nov-09	Lead	4.9	U	MG/KG
E2	04-Nov-09	Naphthalene	0.0035	U	MG/KG
E2	04-Nov-09	Phenanthrene	0.0035	U	MG/KG
E2	04-Nov-09	Pyrene	0.0014	J	MG/KG
E3	05-Nov-09	1-Methylnaphthalene	0.0036	U	MG/KG
E3	05-Nov-09	2-Methylnaphthalene	0.0036	U	MG/KG
E3	05-Nov-09	Acenaphthene	0.0036	U	MG/KG
E3	05-Nov-09	Acenaphthylene	0.006	=	MG/KG
E3	05-Nov-09	Anthracene	0.0056	=	MG/KG
E3	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.053	=	MG/KG
E3	05-Nov-09	Benzo(a)anthracene	0.015	=	MG/KG
E3	05-Nov-09	Benzo(a)pyrene	0.038	=	MG/KG
E3	05-Nov-09	Benzo(b)fluoranthene	0.064	=	MG/KG
E3	05-Nov-09	Benzo(g,h,i)perylene	0.042	=	MG/KG
E3	05-Nov-09	Benzo(k)fluoranthene	0.023	=	MG/KG
E3	05-Nov-09	Chrysene	0.02	=	MG/KG
E3	05-Nov-09	Dibenz(a,h)anthracene	0.01	=	MG/KG
E3	05-Nov-09	Fluoranthene	0.016	=	MG/KG
E3	05-Nov-09	Fluorene	0.0036	U	MG/KG
E3	05-Nov-09	Indeno(1,2,3-cd)pyrene	0.026	=	MG/KG
E3	05-Nov-09	Lead	7.24	=	MG/KG
E3	05-Nov-09	Naphthalene	0.0014	JB	MG/KG
E3	05-Nov-09	Phenanthrene	0.009	=	MG/KG
E3	05-Nov-09	Pyrene	0.018	=	MG/KG
E4	05-Nov-09	1-Methylnaphthalene	0.33	U	MG/KG
E4	05-Nov-09	2-Methylnaphthalene	0.12	J	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E4	05-Nov-09	Acenaphthene	0.5	=	MG/KG
E4	05-Nov-09	Acenaphthylene	0.33	U	MG/KG
E4	05-Nov-09	Anthracene	0.92	=	MG/KG
E4	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.36	J	MG/KG
E4	05-Nov-09	Benzo(a)anthracene	2	=	MG/KG
E4	05-Nov-09	Benzo(a)pyrene	1.4	=	MG/KG
E4	05-Nov-09	Benzo(b)fluoranthene	2.2	=	MG/KG
E4	05-Nov-09	Benzo(g,h,i)perylene	1	=	MG/KG
E4	05-Nov-09	Benzo(k)fluoranthene	0.86	=	MG/KG
E4	05-Nov-09	Chrysene	1.5	=	MG/KG
E4	05-Nov-09	Dibenz(a,h)anthracene	0.35	J	MG/KG
E4	05-Nov-09	Fluoranthene	3.7	=	MG/KG
E4	05-Nov-09	Fluorene	0.38	=	MG/KG
E4	05-Nov-09	Indeno(1,2,3-cd)pyrene	1.6	=	MG/KG
E4	05-Nov-09	Lead	69.7	=	MG/KG
E4	05-Nov-09	Naphthalene	0.12	JB	MG/KG
E4	05-Nov-09	Phenanthrene	3	=	MG/KG
E4	05-Nov-09	Pyrene	2.6	=	MG/KG
E5	05-Nov-09	1-Methylnaphthalene	0.0034	U	MG/KG
E5	05-Nov-09	2-Methylnaphthalene	0.0034	U	MG/KG
E5	05-Nov-09	Acenaphthene	0.0034	U	MG/KG
E5	05-Nov-09	Acenaphthylene	0.0036	J	MG/KG
E5	05-Nov-09	Anthracene	0.003	J	MG/KG
E5	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.015	U	MG/KG
E5	05-Nov-09	Benzo(a)anthracene	0.0076	J	MG/KG
E5	05-Nov-09	Benzo(a)pyrene	0.028	J	MG/KG
E5	05-Nov-09	Benzo(b)fluoranthene	0.045	J	MG/KG
E5	05-Nov-09	Benzo(g,h,i)perylene	0.031	J	MG/KG
E5	05-Nov-09	Benzo(k)fluoranthene	0.017	J	MG/KG
E5	05-Nov-09	Chrysene	0.011	J	MG/KG
E5	05-Nov-09	Dibenz(a,h)anthracene	0.0065	J	MG/KG
E5	05-Nov-09	Fluoranthene	0.0066	J	MG/KG
E5	05-Nov-09	Fluorene	0.0034	U	MG/KG
E5	05-Nov-09	Indeno(1,2,3-cd)pyrene	0.018	J	MG/KG
E5	05-Nov-09	Lead	7.65	=	MG/KG
E5	05-Nov-09	Naphthalene	0.0034	U	MG/KG
E5	05-Nov-09	Phenanthrene	0.0023	J	MG/KG
E5	05-Nov-09	Pyrene	0.008	J	MG/KG
F1	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
F1	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
F1	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
F1	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
F1	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
F1	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
F1	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
F1	04-Nov-09	1-Methylnaphthalene		U	MG/KG
F1	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
F1	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
F1	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
F1	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
F1	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
F1	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
F1	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
F1	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
F1	04-Nov-09	2-Methylnaphthalene		U	MG/KG
F1	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
F1	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
F1	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
F1	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
F1	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
F1	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
F1	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F1	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
F1	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
F1	04-Nov-09	Acenaphthene		U	MG/KG
F1	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
F1	04-Nov-09	Acenaphthylene		J	MG/KG
F1	16-Jan-07	ALDRIN	0.0012	U	MG/KG
F1	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
F1	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
F1	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
F1	16-Jan-07	ALUMINUM		=	MG/KG
F1	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
F1	04-Nov-09	Anthracene		U	MG/KG
F1	04-Nov-09	PCB-1260 (AROCHLOR 1260)		U	MG/KG
F1	16-Jan-07	BARIUM		=	MG/KG
F1	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
F1	04-Nov-09	Benzo(a)anthracene		J	MG/KG
F1	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
F1	04-Nov-09	Benzo(a)pyrene		=	MG/KG
F1	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
F1	04-Nov-09	Benzo(b)fluoranthene		=	MG/KG
F1	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
F1	04-Nov-09	Benzo(g,h,i)perylene		=	MG/KG
F1	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
F1	04-Nov-09	Benzo(k)fluoranthene		=	MG/KG
F1	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
F1	16-Jan-07	BERYLLIUM		J	MG/KG
F1	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F1	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
F1	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
F1	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
F1	16-Jan-07	CALCIUM		J	MG/KG
F1	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
F1	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
F1	04-Nov-09	Chrysene		=	MG/KG
F1	16-Jan-07	COBALT		J	MG/KG
F1	16-Jan-07	COPPER		U	MG/KG
F1	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F1	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
F1	04-Nov-09	Dibenz(a,h)anthracene		J	MG/KG
F1	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
F1	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
F1	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
F1	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
F1	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
F1	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
F1	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
F1	16-Jan-07	ENDRIN	0.0012	U	MG/KG
F1	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
F1	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
F1	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
F1	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
F1	04-Nov-09	Fluoranthene		B	MG/KG
F1	16-Jan-07	FLUORENE	0.0022	U	MG/KG
F1	16-Jan-07	FLUORENE	0.293	U	MG/KG
F1	04-Nov-09	Fluorene		U	MG/KG
F1	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
F1	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
F1	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
F1	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
F1	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
F1	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
F1	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F1	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
F1	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
F1	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
F1	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
F1	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
F1	04-Nov-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
F1	16-Jan-07	IRON		=	MG/KG
F1	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
F1	16-Jan-07	LEAD		J	MG/KG
F1	04-Nov-09	Lead		=	MG/KG
F1	16-Jan-07	MAGNESIUM		=	MG/KG
F1	16-Jan-07	MANGANESE		=	MG/KG
F1	16-Jan-07	MERCURY		J	MG/KG
F1	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
F1	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
F1	16-Jan-07	MOLYBDENUM		U	MG/KG
F1	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
F1	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
F1	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
F1	04-Nov-09	Naphthalene		U	MG/KG
F1	16-Jan-07	NICKEL		U	MG/KG
F1	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
F1	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
F1	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
F1	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
F1	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
F1	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
F1	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
F1	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
F1	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
F1	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
F1	16-Jan-07	pH		=	PH
F1	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
F1	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
F1	04-Nov-09	Phenanthrene		U	MG/KG
F1	16-Jan-07	PHENOL	1.46	U	MG/KG
F1	16-Jan-07	POTASSIUM		J	MG/KG
F1	16-Jan-07	PYRENE	0.293	U	MG/KG
F1	04-Nov-09	Pyrene		J	MG/KG
F1	16-Jan-07	SELENIUM		U	MG/KG
F1	16-Jan-07	SILVER		U	MG/KG
F1	16-Jan-07	SODIUM		JB	MG/KG
F1	16-Jan-07	STYRENE	0.002	U	MG/KG
F1	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
F1	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
F1	16-Jan-07	THALLIUM		U	MG/KG
F1	16-Jan-07	VANADIUM		=	MG/KG
F1	16-Jan-07	ZINC		U	MG/KG
F10	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
F10	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
F10	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
F10	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
F10	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
F10	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
F10	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
F10	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
F10	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
F10	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
F10	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
F10	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
F10	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
F10	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F10	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
F10	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
F10	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
F10	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
F10	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
F10	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
F10	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
F10	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
F10	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
F10	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
F10	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
F10	16-Jan-07	ALDRIN	0.0012	U	MG/KG
F10	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
F10	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
F10	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
F10	16-Jan-07	ALUMINUM		=	MG/KG
F10	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
F10	16-Jan-07	BARIUM		=	MG/KG
F10	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
F10	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
F10	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
F10	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
F10	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
F10	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
F10	16-Jan-07	BERYLLIUM		J	MG/KG
F10	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F10	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
F10	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
F10	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
F10	16-Jan-07	CALCIUM		J	MG/KG
F10	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
F10	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
F10	16-Jan-07	COBALT		J	MG/KG
F10	16-Jan-07	COPPER		U	MG/KG
F10	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F10	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
F10	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
F10	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
F10	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
F10	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
F10	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
F10	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
F10	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
F10	16-Jan-07	ENDRIN	0.0012	U	MG/KG
F10	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
F10	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
F10	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
F10	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
F10	16-Jan-07	FLUORENE	0.0022	U	MG/KG
F10	16-Jan-07	FLUORENE	0.293	U	MG/KG
F10	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
F10	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
F10	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
F10	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
F10	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
F10	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
F10	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
F10	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
F10	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
F10	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
F10	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
F10	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F10	16-Jan-07	IRON		=	MG/KG
F10	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
F10	16-Jan-07	LEAD		J	MG/KG
F10	16-Jan-07	MAGNESIUM		=	MG/KG
F10	16-Jan-07	MANGANESE		=	MG/KG
F10	16-Jan-07	MERCURY		J	MG/KG
F10	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
F10	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
F10	16-Jan-07	MOLYBDENUM		U	MG/KG
F10	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
F10	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
F10	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
F10	16-Jan-07	NICKEL		U	MG/KG
F10	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
F10	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
F10	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
F10	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
F10	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
F10	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
F10	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
F10	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
F10	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
F10	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
F10	16-Jan-07	pH		=	PH
F10	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
F10	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
F10	16-Jan-07	PHENOL	1.46	U	MG/KG
F10	16-Jan-07	POTASSIUM		J	MG/KG
F10	16-Jan-07	PYRENE	0.293	U	MG/KG
F10	16-Jan-07	SELENIUM		U	MG/KG
F10	16-Jan-07	SILVER		U	MG/KG
F10	16-Jan-07	SODIUM		JB	MG/KG
F10	16-Jan-07	STYRENE	0.002	U	MG/KG
F10	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
F10	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
F10	16-Jan-07	THALLIUM		U	MG/KG
F10	16-Jan-07	VANADIUM		=	MG/KG
F10	16-Jan-07	ZINC		U	MG/KG
F2	04-Nov-09	1-Methylnaphthalene		U	MG/KG
F2	04-Nov-09	2-Methylnaphthalene		U	MG/KG
F2	04-Nov-09	Acenaphthene		J	MG/KG
F2	04-Nov-09	Acenaphthylene		U	MG/KG
F2	04-Nov-09	Anthracene		J	MG/KG
F2	04-Nov-09	PCB-1260 (AROCHLOR 1260)		J	MG/KG
F2	04-Nov-09	Benzo(a)anthracene		J	MG/KG
F2	04-Nov-09	Benzo(a)pyrene		J	MG/KG
F2	04-Nov-09	Benzo(b)fluoranthene		J	MG/KG
F2	04-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
F2	04-Nov-09	Benzo(k)fluoranthene		J	MG/KG
F2	04-Nov-09	Chrysene		J	MG/KG
F2	04-Nov-09	Dibenz(a,h)anthracene		J	MG/KG
F2	04-Nov-09	Fluoranthene		JB	MG/KG
F2	04-Nov-09	Fluorene		J	MG/KG
F2	04-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
F2	8-Sep-06	LEAD		=	MG/KG
F2	04-Nov-09	Lead		U	MG/KG
F2	04-Nov-09	Naphthalene		U	MG/KG
F2	8-Sep-06	PCB-1260 (AROCHLOR 1260)		J	MG/KG
F2	04-Nov-09	Phenanthrene		J	MG/KG
F2	04-Nov-09	Pyrene		J	MG/KG
F3	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
F3	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F3	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
F3	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
F3	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
F3	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
F3	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
F3	04-Nov-09	1-Methylnaphthalene		=	MG/KG
F3	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
F3	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
F3	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
F3	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
F3	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
F3	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
F3	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
F3	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
F3	04-Nov-09	2-Methylnaphthalene		=	MG/KG
F3	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
F3	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
F3	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
F3	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
F3	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
F3	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
F3	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
F3	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
F3	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
F3	04-Nov-09	Acenaphthene		=	MG/KG
F3	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
F3	04-Nov-09	Acenaphthylene		=	MG/KG
F3	16-Jan-07	ALDRIN	0.0012	U	MG/KG
F3	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
F3	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
F3	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
F3	16-Jan-07	ALUMINUM		=	MG/KG
F3	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
F3	04-Nov-09	Anthracene		=	MG/KG
F3	04-Nov-09	PCB-1260 (AROCHLOR 1260)		=	MG/KG
F3	16-Jan-07	BARIUM		=	MG/KG
F3	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
F3	04-Nov-09	Benzo(a)anthracene		=	MG/KG
F3	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
F3	04-Nov-09	Benzo(a)pyrene		=	MG/KG
F3	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
F3	04-Nov-09	Benzo(b)fluoranthene		=	MG/KG
F3	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
F3	04-Nov-09	Benzo(g,h,i)perylene		=	MG/KG
F3	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
F3	04-Nov-09	Benzo(k)fluoranthene		=	MG/KG
F3	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
F3	16-Jan-07	BERYLLIUM		J	MG/KG
F3	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F3	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
F3	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
F3	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
F3	16-Jan-07	CALCIUM		J	MG/KG
F3	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
F3	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
F3	04-Nov-09	Chrysene		=	MG/KG
F3	16-Jan-07	COBALT		J	MG/KG
F3	16-Jan-07	COPPER		U	MG/KG
F3	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F3	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
F3	04-Nov-09	Dibenz(a,h)anthracene		=	MG/KG
F3	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F3	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
F3	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
F3	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
F3	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
F3	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
F3	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
F3	16-Jan-07	ENDRIN	0.0012	U	MG/KG
F3	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
F3	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
F3	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
F3	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
F3	04-Nov-09	Fluoranthene		B	MG/KG
F3	16-Jan-07	FLUORENE	0.0022	U	MG/KG
F3	16-Jan-07	FLUORENE	0.293	U	MG/KG
F3	04-Nov-09	Fluorene		=	MG/KG
F3	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
F3	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
F3	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
F3	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
F3	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
F3	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
F3	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
F3	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
F3	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
F3	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
F3	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
F3	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
F3	04-Nov-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
F3	16-Jan-07	IRON		=	MG/KG
F3	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
F3	16-Jan-07	LEAD		J	MG/KG
F3	04-Nov-09	Lead		=	MG/KG
F3	16-Jan-07	MAGNESIUM		=	MG/KG
F3	16-Jan-07	MANGANESE		=	MG/KG
F3	16-Jan-07	MERCURY		J	MG/KG
F3	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
F3	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
F3	16-Jan-07	MOLYBDENUM		U	MG/KG
F3	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
F3	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
F3	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
F3	04-Nov-09	Naphthalene		=	MG/KG
F3	16-Jan-07	NICKEL		U	MG/KG
F3	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
F3	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
F3	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
F3	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
F3	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
F3	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
F3	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
F3	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
F3	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
F3	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
F3	16-Jan-07	pH		=	PH
F3	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
F3	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
F3	04-Nov-09	Phenanthrene		=	MG/KG
F3	16-Jan-07	PHENOL	1.46	U	MG/KG
F3	16-Jan-07	POTASSIUM		J	MG/KG
F3	16-Jan-07	PYRENE	0.293	U	MG/KG
F3	04-Nov-09	Pyrene		=	MG/KG
F3	16-Jan-07	SELENIUM		U	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F3	16-Jan-07	SILVER		U	MG/KG
F3	16-Jan-07	SODIUM		JB	MG/KG
F3	16-Jan-07	STYRENE	0.002	U	MG/KG
F3	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
F3	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
F3	16-Jan-07	THALLIUM		U	MG/KG
F3	16-Jan-07	VANADIUM		=	MG/KG
F3	16-Jan-07	ZINC		U	MG/KG
F4	04-Nov-09	1-Methylnaphthalene		U	MG/KG
F4	04-Nov-09	2-Methylnaphthalene		U	MG/KG
F4	04-Nov-09	Acenaphthene		U	MG/KG
F4	04-Nov-09	Acenaphthylene		=	MG/KG
F4	04-Nov-09	Anthracene		J	MG/KG
F4	04-Nov-09	PCB-1260 (AROCHLOR 1260)		=	MG/KG
F4	04-Nov-09	Benzo(a)anthracene		=	MG/KG
F4	04-Nov-09	Benzo(a)pyrene		=	MG/KG
F4	04-Nov-09	Benzo(b)fluoranthene		=	MG/KG
F4	04-Nov-09	Benzo(g,h,i)perylene		=	MG/KG
F4	04-Nov-09	Benzo(k)fluoranthene		=	MG/KG
F4	04-Nov-09	Chrysene		=	MG/KG
F4	04-Nov-09	Dibenz(a,h)anthracene		=	MG/KG
F4	04-Nov-09	Fluoranthene		B	MG/KG
F4	04-Nov-09	Fluorene		U	MG/KG
F4	04-Nov-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
F4	8-Sep-06	LEAD		=	MG/KG
F4	04-Nov-09	Lead		=	MG/KG
F4	04-Nov-09	Naphthalene		J	MG/KG
F4	8-Sep-06	PCB-1260 (AROCHLOR 1260)		J	MG/KG
F4	04-Nov-09	Phenanthrene		=	MG/KG
F4	04-Nov-09	Pyrene		=	MG/KG
F5	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
F5	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
F5	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
F5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
F5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
F5	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
F5	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
F5	04-Nov-09	1-Methylnaphthalene		U	MG/KG
F5	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
F5	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
F5	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
F5	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
F5	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
F5	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
F5	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
F5	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
F5	04-Nov-09	2-Methylnaphthalene		U	MG/KG
F5	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
F5	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
F5	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
F5	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
F5	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
F5	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
F5	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
F5	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
F5	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
F5	04-Nov-09	Acenaphthene		U	MG/KG
F5	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
F5	04-Nov-09	Acenaphthylene		U	MG/KG
F5	16-Jan-07	ALDRIN	0.0012	U	MG/KG
F5	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
F5	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F5	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
F5	16-Jan-07	ALUMINUM		=	MG/KG
F5	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
F5	04-Nov-09	Anthracene		U	MG/KG
F5	04-Nov-09	PCB-1260 (AROCHLOR 1260)		B	MG/KG
F5	16-Jan-07	BARIUM		=	MG/KG
F5	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
F5	04-Nov-09	Benzo(a)anthracene		=	MG/KG
F5	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
F5	04-Nov-09	Benzo(a)pyrene		=	MG/KG
F5	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
F5	04-Nov-09	Benzo(b)fluoranthene		=	MG/KG
F5	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
F5	04-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
F5	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
F5	04-Nov-09	Benzo(k)fluoranthene		J	MG/KG
F5	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
F5	16-Jan-07	BERYLLIUM		J	MG/KG
F5	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F5	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
F5	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
F5	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
F5	16-Jan-07	CALCIUM		J	MG/KG
F5	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
F5	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
F5	04-Nov-09	Chrysene		=	MG/KG
F5	16-Jan-07	COBALT		J	MG/KG
F5	16-Jan-07	COPPER		U	MG/KG
F5	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F5	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
F5	04-Nov-09	Dibenz(a,h)anthracene		U	MG/KG
F5	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
F5	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
F5	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
F5	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
F5	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
F5	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
F5	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
F5	16-Jan-07	ENDRIN	0.0012	U	MG/KG
F5	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
F5	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
F5	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
F5	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
F5	04-Nov-09	Fluoranthene		=	MG/KG
F5	16-Jan-07	FLUORENE	0.0022	U	MG/KG
F5	16-Jan-07	FLUORENE	0.293	U	MG/KG
F5	04-Nov-09	Fluorene		U	MG/KG
F5	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
F5	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
F5	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
F5	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
F5	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
F5	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
F5	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
F5	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
F5	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
F5	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
F5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
F5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
F5	04-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
F5	16-Jan-07	IRON		=	MG/KG
F5	16-Jan-07	ISOPHORONE	0.293	U	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F5	16-Jan-07	LEAD		J	MG/KG
F5	04-Nov-09	Lead		=	MG/KG
F5	16-Jan-07	MAGNESIUM		=	MG/KG
F5	16-Jan-07	MANGANESE		=	MG/KG
F5	16-Jan-07	MERCURY		J	MG/KG
F5	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
F5	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
F5	16-Jan-07	MOLYBDENUM		U	MG/KG
F5	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
F5	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
F5	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
F5	04-Nov-09	Naphthalene		U	MG/KG
F5	16-Jan-07	NICKEL		U	MG/KG
F5	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
F5	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
F5	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
F5	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
F5	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
F5	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
F5	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
F5	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
F5	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
F5	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
F5	16-Jan-07	pH		=	PH
F5	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
F5	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
F5	04-Nov-09	Phenanthrene		J	MG/KG
F5	16-Jan-07	PHENOL	1.46	U	MG/KG
F5	16-Jan-07	POTASSIUM		J	MG/KG
F5	16-Jan-07	PYRENE	0.293	U	MG/KG
F5	04-Nov-09	Pyrene		=	MG/KG
F5	16-Jan-07	SELENIUM		U	MG/KG
F5	16-Jan-07	SILVER		U	MG/KG
F5	16-Jan-07	SODIUM		JB	MG/KG
F5	16-Jan-07	STYRENE	0.002	U	MG/KG
F5	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
F5	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
F5	16-Jan-07	THALLIUM		U	MG/KG
F5	16-Jan-07	VANADIUM		=	MG/KG
F5	16-Jan-07	ZINC		U	MG/KG
F6	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
F6	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
F6	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
F6	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
F6	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
F6	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
F6	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
F6	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
F6	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
F6	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
F6	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
F6	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
F6	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
F6	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
F6	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
F6	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
F6	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
F6	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
F6	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
F6	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
F6	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
F6	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F6	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
F6	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
F6	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
F6	16-Jan-07	ALDRIN	0.0012	U	MG/KG
F6	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
F6	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
F6	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
F6	16-Jan-07	ALUMINUM		=	MG/KG
F6	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
F6	16-Jan-07	BARIUM		=	MG/KG
F6	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
F6	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
F6	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
F6	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
F6	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
F6	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
F6	16-Jan-07	BERYLLIUM		J	MG/KG
F6	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F6	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
F6	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
F6	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
F6	16-Jan-07	CALCIUM		J	MG/KG
F6	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
F6	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
F6	16-Jan-07	COBALT		J	MG/KG
F6	16-Jan-07	COPPER		U	MG/KG
F6	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F6	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
F6	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
F6	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
F6	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
F6	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
F6	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
F6	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
F6	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
F6	16-Jan-07	ENDRIN	0.0012	U	MG/KG
F6	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
F6	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
F6	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
F6	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
F6	16-Jan-07	FLUORENE	0.0022	U	MG/KG
F6	16-Jan-07	FLUORENE	0.293	U	MG/KG
F6	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
F6	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
F6	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
F6	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
F6	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
F6	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
F6	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
F6	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
F6	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
F6	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
F6	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
F6	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
F6	16-Jan-07	IRON		=	MG/KG
F6	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
F6	16-Jan-07	LEAD		J	MG/KG
F6	16-Jan-07	MAGNESIUM		=	MG/KG
F6	16-Jan-07	MANGANESE		=	MG/KG
F6	16-Jan-07	MERCURY		J	MG/KG
F6	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
F6	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F6	16-Jan-07	MOLYBDENUM		U	MG/KG
F6	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
F6	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
F6	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
F6	16-Jan-07	NICKEL		U	MG/KG
F6	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
F6	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
F6	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
F6	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
F6	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
F6	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
F6	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
F6	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
F6	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
F6	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
F6	16-Jan-07	pH		=	PH
F6	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
F6	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
F6	16-Jan-07	PHENOL	1.46	U	MG/KG
F6	16-Jan-07	POTASSIUM		J	MG/KG
F6	16-Jan-07	PYRENE	0.293	U	MG/KG
F6	16-Jan-07	SELENIUM		U	MG/KG
F6	16-Jan-07	SILVER		U	MG/KG
F6	16-Jan-07	SODIUM		JB	MG/KG
F6	16-Jan-07	STYRENE	0.002	U	MG/KG
F6	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
F6	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
F6	16-Jan-07	THALLIUM		U	MG/KG
F6	16-Jan-07	VANADIUM		=	MG/KG
F6	16-Jan-07	ZINC		U	MG/KG
F7	8-Sep-06	LEAD		=	MG/KG
F7	8-Sep-06	PCB-1260 (AROCHLOR 1260)		J	MG/KG
F8	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
F8	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
F8	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
F8	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
F8	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
F8	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
F8	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
F8	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
F8	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
F8	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
F8	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
F8	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
F8	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
F8	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
F8	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
F8	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
F8	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
F8	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
F8	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
F8	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
F8	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
F8	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
F8	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
F8	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
F8	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
F8	16-Jan-07	ALDRIN	0.0012	U	MG/KG
F8	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
F8	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
F8	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
F8	16-Jan-07	ALUMINUM		=	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F8	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
F8	16-Jan-07	BARIUM		=	MG/KG
F8	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
F8	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
F8	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
F8	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
F8	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
F8	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
F8	16-Jan-07	BERYLLIUM		J	MG/KG
F8	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F8	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
F8	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
F8	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
F8	16-Jan-07	CALCIUM		J	MG/KG
F8	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
F8	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
F8	16-Jan-07	COBALT		J	MG/KG
F8	16-Jan-07	COPPER		U	MG/KG
F8	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
F8	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
F8	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
F8	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
F8	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
F8	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
F8	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
F8	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
F8	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
F8	16-Jan-07	ENDRIN	0.0012	U	MG/KG
F8	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
F8	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
F8	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
F8	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
F8	16-Jan-07	FLUORENE	0.0022	U	MG/KG
F8	16-Jan-07	FLUORENE	0.293	U	MG/KG
F8	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
F8	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
F8	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
F8	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
F8	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
F8	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
F8	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
F8	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
F8	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
F8	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
F8	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
F8	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
F8	16-Jan-07	IRON		=	MG/KG
F8	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
F8	16-Jan-07	LEAD		J	MG/KG
F8	16-Jan-07	MAGNESIUM		=	MG/KG
F8	16-Jan-07	MANGANESE		=	MG/KG
F8	16-Jan-07	MERCURY		J	MG/KG
F8	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
F8	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
F8	16-Jan-07	MOLYBDENUM		U	MG/KG
F8	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
F8	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
F8	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
F8	16-Jan-07	NICKEL		U	MG/KG
F8	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
F8	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
F8	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F8	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
F8	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
F8	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
F8	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
F8	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
F8	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
F8	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
F8	16-Jan-07	pH		=	PH
F8	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
F8	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
F8	16-Jan-07	PHENOL	1.46	U	MG/KG
F8	16-Jan-07	POTASSIUM		J	MG/KG
F8	16-Jan-07	PYRENE	0.293	U	MG/KG
F8	16-Jan-07	SELENIUM		U	MG/KG
F8	16-Jan-07	SILVER		U	MG/KG
F8	16-Jan-07	SODIUM		JB	MG/KG
F8	16-Jan-07	STYRENE	0.002	U	MG/KG
F8	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
F8	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
F8	16-Jan-07	THALLIUM		U	MG/KG
F8	16-Jan-07	VANADIUM		=	MG/KG
F8	16-Jan-07	ZINC		U	MG/KG
F9	8-Sep-06	LEAD		U	MG/KG
F9	8-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
G1	04-Nov-09	1-Methylnaphthalene		U	MG/KG
G1	04-Nov-09	2-Methylnaphthalene		U	MG/KG
G1	04-Nov-09	Acenaphthene		U	MG/KG
G1	04-Nov-09	Acenaphthylene		J	MG/KG
G1	04-Nov-09	Anthracene		U	MG/KG
G1	04-Nov-09	PCB-1260 (AROCHLOR 1260)		J	MG/KG
G1	04-Nov-09	Benzo(a)anthracene		J	MG/KG
G1	04-Nov-09	Benzo(a)pyrene		=	MG/KG
G1	04-Nov-09	Benzo(b)fluoranthene		=	MG/KG
G1	04-Nov-09	Benzo(g,h,i)perylene		=	MG/KG
G1	04-Nov-09	Benzo(k)fluoranthene		J	MG/KG
G1	04-Nov-09	Chrysene		=	MG/KG
G1	04-Nov-09	Dibenz(a,h)anthracene		U	MG/KG
G1	04-Nov-09	Fluoranthene		J	MG/KG
G1	04-Nov-09	Fluorene		U	MG/KG
G1	04-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
G1	04-Nov-09	Lead		=	MG/KG
G1	04-Nov-09	Naphthalene		J	MG/KG
G1	04-Nov-09	Phenanthrene		J	MG/KG
G1	04-Nov-09	Pyrene		J	MG/KG
G2	04-Nov-09	1-Methylnaphthalene		U	MG/KG
G2	04-Nov-09	2-Methylnaphthalene		J	MG/KG
G2	04-Nov-09	Acenaphthene		U	MG/KG
G2	04-Nov-09	Acenaphthylene		=	MG/KG
G2	04-Nov-09	Anthracene		=	MG/KG
G2	04-Nov-09	PCB-1260 (AROCHLOR 1260)		B	MG/KG
G2	04-Nov-09	Benzo(a)anthracene		=	MG/KG
G2	04-Nov-09	Benzo(a)pyrene		=	MG/KG
G2	04-Nov-09	Benzo(b)fluoranthene		=	MG/KG
G2	04-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
G2	04-Nov-09	Benzo(k)fluoranthene		=	MG/KG
G2	04-Nov-09	Chrysene		=	MG/KG
G2	04-Nov-09	Dibenz(a,h)anthracene		=	MG/KG
G2	04-Nov-09	Fluoranthene		=	MG/KG
G2	04-Nov-09	Fluorene		U	MG/KG
G2	04-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
G2	04-Nov-09	Lead		J	MG/KG
G2	04-Nov-09	Naphthalene		J	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
G2	04-Nov-09	Phenanthrene		=	MG/KG
G2	04-Nov-09	Pyrene		=	MG/KG
G3	04-Nov-09	1-Methylnaphthalene		J	MG/KG
G3	04-Nov-09	2-Methylnaphthalene		J	MG/KG
G3	04-Nov-09	Acenaphthene		=	MG/KG
G3	04-Nov-09	Acenaphthylene		=	MG/KG
G3	04-Nov-09	Anthracene		=	MG/KG
G3	04-Nov-09	PCB-1260 (AROCHLOR 1260)		B	MG/KG
G3	04-Nov-09	Benzo(a)anthracene		=	MG/KG
G3	04-Nov-09	Benzo(a)pyrene		=	MG/KG
G3	04-Nov-09	Benzo(b)fluoranthene		=	MG/KG
G3	04-Nov-09	Benzo(g,h,i)perylene		=	MG/KG
G3	04-Nov-09	Benzo(k)fluoranthene		=	MG/KG
G3	04-Nov-09	Chrysene		=	MG/KG
G3	04-Nov-09	Dibenz(a,h)anthracene		=	MG/KG
G3	04-Nov-09	Fluoranthene		=	MG/KG
G3	04-Nov-09	Fluorene		J	MG/KG
G3	04-Nov-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
G3	04-Nov-09	Lead		=	MG/KG
G3	04-Nov-09	Naphthalene		J	MG/KG
G3	04-Nov-09	Phenanthrene		=	MG/KG
G3	04-Nov-09	Pyrene		=	MG/KG
G4	04-Nov-09	1-Methylnaphthalene		U	MG/KG
G4	04-Nov-09	2-Methylnaphthalene		U	MG/KG
G4	04-Nov-09	Acenaphthene		U	MG/KG
G4	04-Nov-09	Acenaphthylene		J	MG/KG
G4	04-Nov-09	Anthracene		U	MG/KG
G4	04-Nov-09	PCB-1260 (AROCHLOR 1260)		B	MG/KG
G4	04-Nov-09	Benzo(a)anthracene		=	MG/KG
G4	04-Nov-09	Benzo(a)pyrene		=	MG/KG
G4	04-Nov-09	Benzo(b)fluoranthene		=	MG/KG
G4	04-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
G4	04-Nov-09	Benzo(k)fluoranthene		J	MG/KG
G4	04-Nov-09	Chrysene		=	MG/KG
G4	04-Nov-09	Dibenz(a,h)anthracene		U	MG/KG
G4	04-Nov-09	Fluoranthene		=	MG/KG
G4	04-Nov-09	Fluorene		U	MG/KG
G4	04-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
G4	04-Nov-09	Lead		U	MG/KG
G4	04-Nov-09	Naphthalene		U	MG/KG
G4	04-Nov-09	Phenanthrene		J	MG/KG
G4	04-Nov-09	Pyrene		=	MG/KG
G5	04-Nov-09	1-Methylnaphthalene		J	MG/KG
G5	04-Nov-09	2-Methylnaphthalene		J	MG/KG
G5	04-Nov-09	Acenaphthene		J	MG/KG
G5	04-Nov-09	Acenaphthylene		J	MG/KG
G5	04-Nov-09	Anthracene		J	MG/KG
G5	04-Nov-09	PCB-1260 (AROCHLOR 1260)		B	MG/KG
G5	04-Nov-09	Benzo(a)anthracene		J	MG/KG
G5	04-Nov-09	Benzo(a)pyrene		J	MG/KG
G5	04-Nov-09	Benzo(b)fluoranthene		J	MG/KG
G5	04-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
G5	04-Nov-09	Benzo(k)fluoranthene		J	MG/KG
G5	04-Nov-09	Chrysene		J	MG/KG
G5	04-Nov-09	Dibenz(a,h)anthracene		J	MG/KG
G5	04-Nov-09	Fluoranthene		J	MG/KG
G5	04-Nov-09	Fluorene		J	MG/KG
G5	04-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
G5	04-Nov-09	Lead		J	MG/KG
G5	04-Nov-09	Naphthalene		J	MG/KG
G5	04-Nov-09	Phenanthrene		J	MG/KG
G5	04-Nov-09	Pyrene		J	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
HFSB-05	Apr-09	PCB-1260 (AROCHLOR 1260)		=	MG/KG
HFSB-05	Apr-09	BEQ		=	MG/KG
HFSB-05	Apr-09	Lead		=	MG/KG
O1	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
O1	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
O1	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
O1	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
O1	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
O1	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
O1	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
O1	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
O1	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
O1	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
O1	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
O1	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
O1	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
O1	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
O1	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
O1	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
O1	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
O1	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
O1	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
O1	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
O1	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
O1	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
O1	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
O1	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
O1	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
O1	16-Jan-07	ALDRIN	0.0012	U	MG/KG
O1	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
O1	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
O1	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
O1	16-Jan-07	ALUMINUM		=	MG/KG
O1	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
O1	16-Jan-07	BARIUM		=	MG/KG
O1	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
O1	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
O1	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
O1	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
O1	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
O1	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
O1	16-Jan-07	BERYLLIUM		J	MG/KG
O1	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
O1	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
O1	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
O1	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
O1	16-Jan-07	CALCIUM		J	MG/KG
O1	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
O1	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
O1	16-Jan-07	COBALT		J	MG/KG
O1	16-Jan-07	COPPER		U	MG/KG
O1	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
O1	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
O1	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
O1	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
O1	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
O1	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
O1	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
O1	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
O1	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
O1	16-Jan-07	ENDRIN	0.0012	U	MG/KG
O1	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
O1	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
O1	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
O1	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
O1	16-Jan-07	FLUORENE	0.0022	U	MG/KG
O1	16-Jan-07	FLUORENE	0.293	U	MG/KG
O1	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
O1	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
O1	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
O1	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
O1	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
O1	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
O1	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
O1	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
O1	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
O1	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
O1	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
O1	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
O1	16-Jan-07	IRON		=	MG/KG
O1	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
O1	16-Jan-07	LEAD		J	MG/KG
O1	16-Jan-07	MAGNESIUM		=	MG/KG
O1	16-Jan-07	MANGANESE		=	MG/KG
O1	16-Jan-07	MERCURY		J	MG/KG
O1	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
O1	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
O1	16-Jan-07	MOLYBDENUM		U	MG/KG
O1	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
O1	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
O1	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
O1	16-Jan-07	NICKEL		U	MG/KG
O1	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
O1	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
O1	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
O1	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
O1	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
O1	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
O1	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
O1	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
O1	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
O1	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
O1	16-Jan-07	pH		=	PH
O1	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
O1	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
O1	16-Jan-07	PHENOL	1.46	U	MG/KG
O1	16-Jan-07	POTASSIUM		J	MG/KG
O1	16-Jan-07	PYRENE	0.293	U	MG/KG
O1	16-Jan-07	SELENIUM		U	MG/KG
O1	16-Jan-07	SILVER		U	MG/KG
O1	16-Jan-07	SODIUM		JB	MG/KG
O1	16-Jan-07	STYRENE	0.002	U	MG/KG
O1	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
O1	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
O1	16-Jan-07	THALLIUM		U	MG/KG
O1	16-Jan-07	VANADIUM		=	MG/KG
O1	16-Jan-07	ZINC		U	MG/KG
O10	8-Sep-06	LEAD		=	MG/KG
O10	8-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
O2	8-Sep-06	LEAD		=	MG/KG
O2	8-Sep-06	PCB-1260 (AROCHLOR 1260)		=	MG/KG
O3	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
O3	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
O3	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
O3	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
O3	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
O3	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
O3	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
O3	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
O3	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
O3	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
O3	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
O3	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
O3	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
O3	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
O3	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
O3	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
O3	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
O3	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
O3	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
O3	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
O3	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
O3	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
O3	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
O3	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
O3	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
O3	16-Jan-07	ALDRIN	0.0012	U	MG/KG
O3	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
O3	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
O3	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
O3	16-Jan-07	ALUMINUM		=	MG/KG
O3	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
O3	16-Jan-07	BARIUM		=	MG/KG
O3	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
O3	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
O3	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
O3	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
O3	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
O3	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
O3	16-Jan-07	BERYLLIUM		J	MG/KG
O3	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
O3	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
O3	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
O3	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
O3	16-Jan-07	CALCIUM		J	MG/KG
O3	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
O3	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
O3	16-Jan-07	COBALT		J	MG/KG
O3	16-Jan-07	COPPER		U	MG/KG
O3	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
O3	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
O3	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
O3	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
O3	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
O3	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
O3	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
O3	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
O3	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
O3	16-Jan-07	ENDRIN	0.0012	U	MG/KG
O3	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
O3	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
O3	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
O3	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
O3	16-Jan-07	FLUORENE	0.0022	U	MG/KG
O3	16-Jan-07	FLUORENE	0.293	U	MG/KG
O3	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
O3	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
O3	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
O3	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
O3	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
O3	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
O3	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
O3	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
O3	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
O3	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
O3	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
O3	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
O3	16-Jan-07	IRON		=	MG/KG
O3	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
O3	16-Jan-07	LEAD		J	MG/KG
O3	16-Jan-07	MAGNESIUM		=	MG/KG
O3	16-Jan-07	MANGANESE		=	MG/KG
O3	16-Jan-07	MERCURY		J	MG/KG
O3	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
O3	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
O3	16-Jan-07	MOLYBDENUM		U	MG/KG
O3	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
O3	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
O3	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
O3	16-Jan-07	NICKEL		U	MG/KG
O3	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
O3	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
O3	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
O3	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
O3	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
O3	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
O3	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
O3	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
O3	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
O3	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
O3	16-Jan-07	pH		=	PH
O3	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
O3	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
O3	16-Jan-07	PHENOL	1.46	U	MG/KG
O3	16-Jan-07	POTASSIUM		J	MG/KG
O3	16-Jan-07	PYRENE	0.293	U	MG/KG
O3	16-Jan-07	SELENIUM		U	MG/KG
O3	16-Jan-07	SILVER		U	MG/KG
O3	16-Jan-07	SODIUM		JB	MG/KG
O3	16-Jan-07	STYRENE	0.002	U	MG/KG
O3	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
O3	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
O3	16-Jan-07	THALLIUM		U	MG/KG
O3	16-Jan-07	VANADIUM		=	MG/KG
O3	16-Jan-07	ZINC		U	MG/KG
O4	8-Sep-06	LEAD		U	MG/KG
O4	8-Sep-06	PCB-1260 (AROCHLOR 1260)		=	MG/KG
O5	8-Sep-06	LEAD		=	MG/KG
O5	8-Sep-06	PCB-1260 (AROCHLOR 1260)		=	MG/KG
O6	8-Sep-06	LEAD		=	MG/KG
O6	8-Sep-06	PCB-1260 (AROCHLOR 1260)		=	MG/KG
O7	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
O7	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
O7	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
O7	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
O7	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
O7	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
O7	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
O7	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
O7	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
O7	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
O7	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
O7	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
O7	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
O7	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
O7	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
O7	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
O7	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
O7	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
O7	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
O7	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
O7	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
O7	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
O7	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
O7	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
O7	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
O7	16-Jan-07	ALDRIN	0.0012	U	MG/KG
O7	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
O7	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
O7	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
O7	16-Jan-07	ALUMINUM		=	MG/KG
O7	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
O7	16-Jan-07	BARIUM		=	MG/KG
O7	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
O7	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
O7	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
O7	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
O7	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
O7	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
O7	16-Jan-07	BERYLLIUM		J	MG/KG
O7	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
O7	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
O7	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
O7	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
O7	16-Jan-07	CALCIUM		J	MG/KG
O7	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
O7	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
O7	16-Jan-07	COBALT		J	MG/KG
O7	16-Jan-07	COPPER		U	MG/KG
O7	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
O7	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
O7	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
O7	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
O7	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
O7	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
O7	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
O7	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
O7	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
O7	16-Jan-07	ENDRIN	0.0012	U	MG/KG
O7	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
O7	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
O7	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
O7	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
O7	16-Jan-07	FLUORENE	0.0022	U	MG/KG
O7	16-Jan-07	FLUORENE	0.293	U	MG/KG
O7	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
O7	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
O7	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
O7	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
O7	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
O7	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
O7	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
O7	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
O7	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
O7	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
O7	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
O7	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
O7	16-Jan-07	IRON		=	MG/KG
O7	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
O7	16-Jan-07	LEAD		J	MG/KG
O7	16-Jan-07	MAGNESIUM		=	MG/KG
O7	16-Jan-07	MANGANESE		=	MG/KG
O7	16-Jan-07	MERCURY		J	MG/KG
O7	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
O7	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
O7	16-Jan-07	MOLYBDENUM		U	MG/KG
O7	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
O7	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
O7	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
O7	16-Jan-07	NICKEL		U	MG/KG
O7	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
O7	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
O7	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
O7	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
O7	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
O7	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
O7	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
O7	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
O7	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
O7	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
O7	16-Jan-07	pH		=	PH
O7	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
O7	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
O7	16-Jan-07	PHENOL	1.46	U	MG/KG
O7	16-Jan-07	POTASSIUM		J	MG/KG
O7	16-Jan-07	PYRENE	0.293	U	MG/KG
O7	16-Jan-07	SELENIUM		U	MG/KG
O7	16-Jan-07	SILVER		U	MG/KG
O7	16-Jan-07	SODIUM		JB	MG/KG
O7	16-Jan-07	STYRENE	0.002	U	MG/KG
O7	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
O7	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
O7	16-Jan-07	THALLIUM		U	MG/KG
O7	16-Jan-07	VANADIUM		=	MG/KG
O7	16-Jan-07	ZINC		U	MG/KG
O8	8-Sep-06	LEAD		J	MG/KG
O8	8-Sep-06	PCB-1260 (AROCHLOR 1260)		=	MG/KG
O9	8-Sep-06	LEAD		U	MG/KG
O9	8-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
P1	18-Sep-06	LEAD		U	MG/KG
P1	18-Sep-06	PCB-1260 (AROCHLOR 1260)		J	MG/KG
P10	18-Sep-06	LEAD		U	MG/KG
P10	18-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
P2	18-Sep-06	LEAD		U	MG/KG
P2	18-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
P3	18-Sep-06	LEAD		U	MG/KG
P3	18-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
P4	18-Sep-06	LEAD		U	MG/KG
P4	18-Sep-06	PCB-1260 (AROCHLOR 1260)		J	MG/KG
P5	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
P5	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
P5	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
P5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
P5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
P5	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
P5	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
P5	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
P5	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
P5	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
P5	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
P5	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
P5	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
P5	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
P5	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
P5	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
P5	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
P5	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
P5	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
P5	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
P5	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
P5	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
P5	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
P5	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
P5	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
P5	16-Jan-07	ALDRIN	0.0012	U	MG/KG
P5	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
P5	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
P5	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
P5	16-Jan-07	ALUMINUM		=	MG/KG
P5	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
P5	16-Jan-07	BARIUM		=	MG/KG
P5	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
P5	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
P5	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
P5	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
P5	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
P5	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
P5	16-Jan-07	BERYLLIUM		J	MG/KG
P5	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
P5	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
P5	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
P5	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
P5	16-Jan-07	CALCIUM		J	MG/KG
P5	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
P5	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
P5	16-Jan-07	COBALT		J	MG/KG
P5	16-Jan-07	COPPER		U	MG/KG
P5	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
P5	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
P5	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
P5	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
P5	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
P5	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
P5	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
P5	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
P5	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
P5	16-Jan-07	ENDRIN	0.0012	U	MG/KG
P5	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
P5	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
P5	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
P5	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
P5	16-Jan-07	FLUORENE	0.0022	U	MG/KG
P5	16-Jan-07	FLUORENE	0.293	U	MG/KG
P5	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
P5	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
P5	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
P5	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
P5	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
P5	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
P5	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
P5	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
P5	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
P5	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
P5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
P5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
P5	16-Jan-07	IRON		=	MG/KG
P5	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
P5	16-Jan-07	LEAD		J	MG/KG
P5	16-Jan-07	MAGNESIUM		=	MG/KG
P5	16-Jan-07	MANGANESE		=	MG/KG
P5	16-Jan-07	MERCURY		J	MG/KG
P5	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
P5	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
P5	16-Jan-07	MOLYBDENUM		U	MG/KG
P5	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
P5	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
P5	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
P5	16-Jan-07	NICKEL		U	MG/KG
P5	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
P5	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
P5	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
P5	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
P5	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
P5	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
P5	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
P5	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
P5	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
P5	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
P5	16-Jan-07	pH		=	PH
P5	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
P5	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
P5	16-Jan-07	PHENOL	1.46	U	MG/KG
P5	16-Jan-07	POTASSIUM		J	MG/KG
P5	16-Jan-07	PYRENE	0.293	U	MG/KG
P5	16-Jan-07	SELENIUM		U	MG/KG
P5	16-Jan-07	SILVER		U	MG/KG
P5	16-Jan-07	SODIUM		JB	MG/KG
P5	16-Jan-07	STYRENE	0.002	U	MG/KG
P5	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
P5	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
P5	16-Jan-07	THALLIUM		U	MG/KG
P5	16-Jan-07	VANADIUM		=	MG/KG
P5	16-Jan-07	ZINC		U	MG/KG
P6	18-Sep-06	LEAD		U	MG/KG
P6	18-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
P7	18-Sep-06	LEAD		U	MG/KG
P7	18-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
P8	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
P8	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
P8	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
P8	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
P8	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
P8	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
P8	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
P8	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
P8	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
P8	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
P8	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
P8	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
P8	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
P8	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
P8	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
P8	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
P8	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
P8	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
P8	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
P8	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
P8	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
P8	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
P8	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
P8	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
P8	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
P8	16-Jan-07	ALDRIN	0.0012	U	MG/KG
P8	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
P8	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
P8	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
P8	16-Jan-07	ALUMINUM		=	MG/KG
P8	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
P8	16-Jan-07	BARIUM		=	MG/KG
P8	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
P8	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
P8	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
P8	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
P8	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
P8	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
P8	16-Jan-07	BERYLLIUM		J	MG/KG
P8	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
P8	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
P8	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
P8	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
P8	16-Jan-07	CALCIUM		J	MG/KG
P8	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
P8	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
P8	16-Jan-07	COBALT		J	MG/KG
P8	16-Jan-07	COPPER		U	MG/KG
P8	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
P8	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
P8	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
P8	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
P8	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
P8	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
P8	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
P8	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
P8	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
P8	16-Jan-07	ENDRIN	0.0012	U	MG/KG
P8	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
P8	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
P8	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
P8	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
P8	16-Jan-07	FLUORENE	0.0022	U	MG/KG
P8	16-Jan-07	FLUORENE	0.293	U	MG/KG
P8	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
P8	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
P8	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
P8	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
P8	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
P8	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
P8	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
P8	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
P8	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
P8	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
P8	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
P8	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
P8	16-Jan-07	IRON		=	MG/KG
P8	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
P8	16-Jan-07	LEAD		J	MG/KG
P8	16-Jan-07	MAGNESIUM		=	MG/KG
P8	16-Jan-07	MANGANESE		=	MG/KG
P8	16-Jan-07	MERCURY		J	MG/KG
P8	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
P8	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
P8	16-Jan-07	MOLYBDENUM		U	MG/KG
P8	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
P8	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
P8	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
P8	16-Jan-07	NICKEL		U	MG/KG
P8	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
P8	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
P8	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
P8	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
P8	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
P8	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
P8	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
P8	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
P8	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
P8	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
P8	16-Jan-07	pH		=	PH
P8	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
P8	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
P8	16-Jan-07	PHENOL	1.46	U	MG/KG
P8	16-Jan-07	POTASSIUM		J	MG/KG
P8	16-Jan-07	PYRENE	0.293	U	MG/KG
P8	16-Jan-07	SELENIUM		U	MG/KG
P8	16-Jan-07	SILVER		U	MG/KG
P8	16-Jan-07	SODIUM		JB	MG/KG
P8	16-Jan-07	STYRENE	0.002	U	MG/KG
P8	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
P8	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
P8	16-Jan-07	THALLIUM	3.5	U	MG/KG
P8	16-Jan-07	VANADIUM	4.05	=	MG/KG
P8	16-Jan-07	ZINC	3.5	U	MG/KG
P9	18-Sep-06	LEAD	40.7	U	MG/KG
P9	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.35	U	MG/KG
V2	11-Sep-06	LEAD	33.9	U	MG/KG
V2	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
V3	11-Sep-06	LEAD	29.8	U	MG/KG
V3	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	MG/KG
V5	11-Sep-06	LEAD	31.3	U	MG/KG
V5	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
V7	11-Sep-06	LEAD	31.6	U	MG/KG
V7	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
V8	11-Sep-06	LEAD	39.1	U	MG/KG
V8	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
V9	11-Sep-06	LEAD	36.5	U	MG/KG
V9	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	MG/KG
W1	12-Sep-06	LEAD	33.3	U	MG/KG
W1	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
W10	12-Sep-06	LEAD	66.8	U	MG/KG
W10	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
W2	12-Sep-06	LEAD	32.6	U	MG/KG

TABLE A-5
Analytical Data
Exposure Unit 2 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
W2	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	MG/KG
W4	12-Sep-06	LEAD	32.5	U	MG/KG
W4	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
W5	12-Sep-06	LEAD	32	U	MG/KG
W5	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	MG/KG
W6	12-Sep-06	LEAD	37	U	MG/KG
W6	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
W8	12-Sep-06	LEAD	69.8	U	MG/KG
W8	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
W9	12-Sep-06	LEAD	31.7	U	MG/KG
W9	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	MG/KG
F1	16-Jan-07	BEQ	0.0025	U	MG/KG
F10	16-Jan-07	BEQ	0.0025	U	MG/KG
F3	16-Jan-07	BEQ	0.0025	U	MG/KG
F5	16-Jan-07	BEQ	0.0025	U	MG/KG
F6	16-Jan-07	BEQ	0.0025	U	MG/KG
F8	16-Jan-07	BEQ	0.0025	U	MG/KG
O1	16-Jan-07	BEQ	0.0025	U	MG/KG
O3	16-Jan-07	BEQ	0.0025	U	MG/KG
O7	16-Jan-07	BEQ	0.0025	U	MG/KG
P5	16-Jan-07	BEQ	0.0025	U	MG/KG
P8	16-Jan-07	BEQ	0.0025	U	MG/KG
E1	04-Nov-09	BEQ	0.06	=	MG/KG
E2	04-Nov-09	BEQ	0.1	=	MG/KG
E3	05-Nov-09	BEQ	0.06	=	MG/KG
E4	05-Nov-09	BEQ	2.34	=	MG/KG
E5	05-Nov-09	BEQ	0.04	=	MG/KG
F1	04-Nov-09	BEQ	0.02	=	MG/KG
F2	04-Nov-09	BEQ	0.14	=	MG/KG
F3	04-Nov-09	BEQ	0.94	=	MG/KG
F4	04-Nov-09	BEQ	0.07	=	MG/KG
F5	04-Nov-09	BEQ	0.11	=	MG/KG
G1	04-Nov-09	BEQ	0.01	=	MG/KG
G2	04-Nov-09	BEQ	0.07	=	MG/KG
G3	04-Nov-09	BEQ	0.05	=	MG/KG
G4	04-Nov-09	BEQ	0.02	=	MG/KG
G5	04-Nov-09	BEQ	0.31	=	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
G1	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
G1	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
G1	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
G1	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
G1	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
G1	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
G1	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
G1	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
G1	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
G1	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
G1	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
G1	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
G1	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
G1	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
G1	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
G1	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
G1	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
G1	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
G1	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
G1	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
G1	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
G1	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
G1	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
G1	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
G1	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
G1	16-Jan-07	ALDRIN	0.0012	U	MG/KG
G1	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
G1	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
G1	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
G1	16-Jan-07	ALUMINUM		=	MG/KG
G1	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
G1	16-Jan-07	BARIUM		=	MG/KG
G1	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
G1	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
G1	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
G1	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
G1	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
G1	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
G1	16-Jan-07	BERYLLIUM		J	MG/KG
G1	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
G1	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
G1	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
G1	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
G1	16-Jan-07	CALCIUM		J	MG/KG
G1	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
G1	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
G1	16-Jan-07	COBALT		J	MG/KG
G1	16-Jan-07	COPPER		U	MG/KG
G1	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
G1	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
G1	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
G1	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
G1	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
G1	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
G1	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
G1	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
G1	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
G1	16-Jan-07	ENDRIN	0.0012	U	MG/KG
G1	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
G1	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
G1	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
G1	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
G1	16-Jan-07	FLUORENE	0.0022	U	MG/KG
G1	16-Jan-07	FLUORENE	0.293	U	MG/KG
G1	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
G1	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
G1	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
G1	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
G1	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
G1	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
G1	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
G1	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
G1	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
G1	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
G1	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
G1	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
G1	16-Jan-07	IRON		=	MG/KG
G1	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
G1	16-Jan-07	LEAD		J	MG/KG
G1	16-Jan-07	MAGNESIUM		=	MG/KG
G1	16-Jan-07	MANGANESE		=	MG/KG
G1	16-Jan-07	MERCURY		J	MG/KG
G1	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
G1	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
G1	16-Jan-07	MOLYBDENUM		U	MG/KG
G1	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
G1	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
G1	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
G1	16-Jan-07	NICKEL		U	MG/KG
G1	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
G1	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
G1	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
G1	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
G1	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
G1	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
G1	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
G1	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
G1	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
G1	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
G1	16-Jan-07	pH		=	PH
G1	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
G1	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
G1	16-Jan-07	PHENOL	1.46	U	MG/KG
G1	16-Jan-07	POTASSIUM		J	MG/KG
G1	16-Jan-07	PYRENE	0.293	U	MG/KG
G1	16-Jan-07	SELENIUM		U	MG/KG
G1	16-Jan-07	SILVER		U	MG/KG
G1	16-Jan-07	SODIUM		JB	MG/KG
G1	16-Jan-07	STYRENE	0.002	U	MG/KG
G1	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
G1	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
G1	16-Jan-07	THALLIUM		U	MG/KG
G1	16-Jan-07	VANADIUM		=	MG/KG
G1	16-Jan-07	ZINC		U	MG/KG
G10	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
G10	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
G10	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
G10	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
G10	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
G10	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
G10	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
G10	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
G10	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
G10	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
G10	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
G10	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
G10	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
G10	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
G10	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
G10	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
G10	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
G10	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
G10	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
G10	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
G10	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
G10	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
G10	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
G10	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
G10	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
G10	16-Jan-07	ALDRIN	0.0012	U	MG/KG
G10	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
G10	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
G10	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
G10	16-Jan-07	ALUMINUM		=	MG/KG
G10	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
G10	16-Jan-07	BARIUM		=	MG/KG
G10	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
G10	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
G10	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
G10	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
G10	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
G10	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
G10	16-Jan-07	BERYLLIUM		J	MG/KG
G10	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
G10	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
G10	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
G10	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
G10	16-Jan-07	CALCIUM		J	MG/KG
G10	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
G10	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
G10	16-Jan-07	COBALT		J	MG/KG
G10	16-Jan-07	COPPER		U	MG/KG
G10	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
G10	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
G10	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
G10	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
G10	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
G10	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
G10	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
G10	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
G10	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
G10	16-Jan-07	ENDRIN	0.0012	U	MG/KG
G10	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
G10	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
G10	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
G10	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
G10	16-Jan-07	FLUORENE	0.0022	U	MG/KG
G10	16-Jan-07	FLUORENE	0.293	U	MG/KG
G10	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
G10	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
G10	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
G10	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
G10	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
G10	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
G10	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
G10	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
G10	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
G10	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
G10	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
G10	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
G10	16-Jan-07	IRON		=	MG/KG
G10	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
G10	16-Jan-07	LEAD		J	MG/KG
G10	16-Jan-07	MAGNESIUM		=	MG/KG
G10	16-Jan-07	MANGANESE		=	MG/KG
G10	16-Jan-07	MERCURY		J	MG/KG
G10	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
G10	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
G10	16-Jan-07	MOLYBDENUM		U	MG/KG
G10	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
G10	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
G10	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
G10	16-Jan-07	NICKEL		U	MG/KG
G10	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
G10	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
G10	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
G10	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
G10	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
G10	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
G10	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
G10	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
G10	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
G10	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
G10	16-Jan-07	pH		=	PH
G10	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
G10	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
G10	16-Jan-07	PHENOL	1.46	U	MG/KG
G10	16-Jan-07	POTASSIUM		J	MG/KG
G10	16-Jan-07	PYRENE	0.293	U	MG/KG
G10	16-Jan-07	SELENIUM		U	MG/KG
G10	16-Jan-07	SILVER		U	MG/KG
G10	16-Jan-07	SODIUM		JB	MG/KG
G10	16-Jan-07	STYRENE	0.002	U	MG/KG
G10	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
G10	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
G10	16-Jan-07	THALLIUM		U	MG/KG
G10	16-Jan-07	VANADIUM		=	MG/KG
G10	16-Jan-07	ZINC		U	MG/KG
G2	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
G2	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
G2	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
G2	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
G2	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
G2	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
G2	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
G2	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
G2	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
G2	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
G2	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
G2	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
G2	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
G2	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
G2	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
G2	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
G2	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
G2	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
G2	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
G2	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
G2	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
G2	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
G2	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
G2	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
G2	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
G2	16-Jan-07	ALDRIN	0.0012	U	MG/KG
G2	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
G2	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
G2	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
G2	16-Jan-07	ALUMINUM		=	MG/KG
G2	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
G2	16-Jan-07	BARIUM		=	MG/KG
G2	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
G2	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
G2	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
G2	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
G2	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
G2	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
G2	16-Jan-07	BERYLLIUM		J	MG/KG
G2	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
G2	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
G2	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
G2	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
G2	16-Jan-07	CALCIUM		J	MG/KG
G2	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
G2	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
G2	16-Jan-07	COBALT		J	MG/KG
G2	16-Jan-07	COPPER		U	MG/KG
G2	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
G2	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
G2	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
G2	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
G2	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
G2	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
G2	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
G2	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
G2	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
G2	16-Jan-07	ENDRIN	0.0012	U	MG/KG
G2	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
G2	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
G2	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
G2	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
G2	16-Jan-07	FLUORENE	0.0022	U	MG/KG
G2	16-Jan-07	FLUORENE	0.293	U	MG/KG
G2	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
G2	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
G2	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
G2	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
G2	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
G2	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
G2	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
G2	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
G2	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
G2	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
G2	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
G2	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
G2	16-Jan-07	IRON		=	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
G2	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
G2	16-Jan-07	LEAD		J	MG/KG
G2	16-Jan-07	MAGNESIUM		=	MG/KG
G2	16-Jan-07	MANGANESE		=	MG/KG
G2	16-Jan-07	MERCURY		J	MG/KG
G2	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
G2	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
G2	16-Jan-07	MOLYBDENUM		U	MG/KG
G2	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
G2	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
G2	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
G2	16-Jan-07	NICKEL		U	MG/KG
G2	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
G2	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
G2	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
G2	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
G2	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
G2	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
G2	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
G2	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
G2	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
G2	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
G2	16-Jan-07	pH		=	PH
G2	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
G2	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
G2	16-Jan-07	PHENOL	1.46	U	MG/KG
G2	16-Jan-07	POTASSIUM		J	MG/KG
G2	16-Jan-07	PYRENE	0.293	U	MG/KG
G2	16-Jan-07	SELENIUM		U	MG/KG
G2	16-Jan-07	SILVER		U	MG/KG
G2	16-Jan-07	SODIUM		JB	MG/KG
G2	16-Jan-07	STYRENE	0.002	U	MG/KG
G2	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
G2	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
G2	16-Jan-07	THALLIUM		U	MG/KG
G2	16-Jan-07	VANADIUM		=	MG/KG
G2	16-Jan-07	ZINC		U	MG/KG
G3	15-Sep-06	LEAD		U	MG/KG
G3	15-Sep-06	PCB-1260 (AROCHLOR 1260)		J	MG/KG
G4	15-Sep-06	LEAD		U	MG/KG
G4	15-Sep-06	PCB-1260 (AROCHLOR 1260)		J	MG/KG
G5	15-Sep-06	LEAD		=	MG/KG
G5	15-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
G6	15-Sep-06	LEAD		U	MG/KG
G6	15-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
G7	15-Sep-06	LEAD		U	MG/KG
G7	15-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
G9	15-Sep-06	LEAD		J	MG/KG
G9	15-Sep-06	PCB-1260 (AROCHLOR 1260)		J	MG/KG
H1	03-Nov-09	1-Methylnaphthalene		UJ	MG/KG
H1	03-Nov-09	2-Methylnaphthalene		UJ	MG/KG
H1	03-Nov-09	Acenaphthene		UJ	MG/KG
H1	03-Nov-09	Acenaphthylene		J	MG/KG
H1	03-Nov-09	Anthracene		J	MG/KG
H1	03-Nov-09	PCB-1260 (AROCHLOR 1260)		=	MG/KG
H1	03-Nov-09	Benzo(a)anthracene		J	MG/KG
H1	03-Nov-09	Benzo(a)pyrene		J	MG/KG
H1	03-Nov-09	Benzo(b)fluoranthene		J	MG/KG
H1	03-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
H1	03-Nov-09	Benzo(k)fluoranthene		J	MG/KG
H1	03-Nov-09	Chrysene		J	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
H1	03-Nov-09	Dibenz(a,h)anthracene		J	MG/KG
H1	03-Nov-09	Fluoranthene		J	MG/KG
H1	03-Nov-09	Fluorene		UJ	MG/KG
H1	03-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
H1	03-Nov-09	Lead		JB	MG/KG
H1	03-Nov-09	Naphthalene		U	MG/KG
H1	03-Nov-09	Phenanthrene		J	MG/KG
H1	03-Nov-09	Pyrene		J	MG/KG
H10	15-Sep-06	LEAD		U	MG/KG
H10	15-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
H2	15-Sep-06	LEAD		U	MG/KG
H2	15-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
H3	15-Sep-06	LEAD		U	MG/KG
H3	15-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
H4	03-Nov-09	1-Methylnaphthalene		UJ	MG/KG
H4	03-Nov-09	2-Methylnaphthalene		UJ	MG/KG
H4	03-Nov-09	Acenaphthene		UJ	MG/KG
H4	03-Nov-09	Acenaphthylene		UJ	MG/KG
H4	03-Nov-09	Anthracene		UJ	MG/KG
H4	03-Nov-09	PCB-1260 (AROCHLOR 1260)		U	MG/KG
H4	03-Nov-09	Benzo(a)anthracene		J	MG/KG
H4	03-Nov-09	Benzo(a)pyrene		J	MG/KG
H4	03-Nov-09	Benzo(b)fluoranthene		J	MG/KG
H4	03-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
H4	03-Nov-09	Benzo(k)fluoranthene		J	MG/KG
H4	03-Nov-09	Chrysene		J	MG/KG
H4	03-Nov-09	Dibenz(a,h)anthracene		UJ	MG/KG
H4	03-Nov-09	Fluoranthene		J	MG/KG
H4	03-Nov-09	Fluorene		UJ	MG/KG
H4	03-Nov-09	Indeno(1,2,3-cd)pyrene		UJ	MG/KG
H4	15-Sep-06	LEAD		U	MG/KG
H4	03-Nov-09	Lead		JB	MG/KG
H4	03-Nov-09	Naphthalene		U	MG/KG
H4	15-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
H4	03-Nov-09	Phenanthrene		UJ	MG/KG
H4	03-Nov-09	Pyrene		UJ	MG/KG
H5	03-Nov-09	1-Methylnaphthalene		UJ	MG/KG
H5	03-Nov-09	2-Methylnaphthalene		UJ	MG/KG
H5	03-Nov-09	Acenaphthene		UJ	MG/KG
H5	03-Nov-09	Acenaphthylene		UJ	MG/KG
H5	03-Nov-09	Anthracene		UJ	MG/KG
H5	03-Nov-09	PCB-1260 (AROCHLOR 1260)		U	MG/KG
H5	03-Nov-09	Benzo(a)anthracene		J	MG/KG
H5	03-Nov-09	Benzo(a)pyrene		J	MG/KG
H5	03-Nov-09	Benzo(b)fluoranthene		J	MG/KG
H5	03-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
H5	03-Nov-09	Benzo(k)fluoranthene		J	MG/KG
H5	03-Nov-09	Chrysene		J	MG/KG
H5	03-Nov-09	Dibenz(a,h)anthracene		UJ	MG/KG
H5	03-Nov-09	Fluoranthene		J	MG/KG
H5	03-Nov-09	Fluorene		UJ	MG/KG
H5	03-Nov-09	Indeno(1,2,3-cd)pyrene		UJ	MG/KG
H5	15-Sep-06	LEAD		U	MG/KG
H5	03-Nov-09	Lead		JB	MG/KG
H5	03-Nov-09	Naphthalene		U	MG/KG
H5	15-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
H5	03-Nov-09	Phenanthrene		J	MG/KG
H5	03-Nov-09	Pyrene		J	MG/KG
H7	15-Sep-06	LEAD		U	MG/KG
H7	15-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
H9	15-Sep-06	LEAD		U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
H9	15-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
HFSB-01	Apr-09	Aroclor-1260		=	MG/KG
HFSB-01	Arpil 2009	BEQ		=	MG/KG
HFSB-01	Arpil 2009	Lead		=	MG/KG
HFSB-02	Arpil 2009	Aroclor-1260		U	MG/KG
HFSB-02	Arpil 2009	BEQ		=	MG/KG
HFSB-02	Arpil 2009	Lead		=	MG/KG
HFSB-03	Arpil 2009	Aroclor-1260		=	MG/KG
HFSB-03	Arpil 2009	BEQ		=	MG/KG
HFSB-03	Arpil 2009	Lead		=	MG/KG
HFSB-04	Arpil 2009	Aroclor-1260		=	MG/KG
HFSB-04	Arpil 2009	BEQ		=	MG/KG
HFSB-04	Arpil 2009	Lead		=	MG/KG
I1	03-Nov-09	1-Methylnaphthalene		UJ	MG/KG
I1	03-Nov-09	2-Methylnaphthalene		UJ	MG/KG
I1	03-Nov-09	Acenaphthene		UJ	MG/KG
I1	03-Nov-09	Acenaphthylene		J	MG/KG
I1	03-Nov-09	Anthracene		J	MG/KG
I1	03-Nov-09	PCB-1260 (AROCHLOR 1260)		U	MG/KG
I1	03-Nov-09	Benzo(a)anthracene		J	MG/KG
I1	03-Nov-09	Benzo(a)pyrene		J	MG/KG
I1	03-Nov-09	Benzo(b)fluoranthene		J	MG/KG
I1	03-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
I1	03-Nov-09	Benzo(k)fluoranthene		J	MG/KG
I1	03-Nov-09	Chrysene		J	MG/KG
I1	03-Nov-09	Dibenz(a,h)anthracene		J	MG/KG
I1	03-Nov-09	Fluoranthene		J	MG/KG
I1	03-Nov-09	Fluorene		UJ	MG/KG
I1	03-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
I1	03-Nov-09	Lead		JB	MG/KG
I1	03-Nov-09	Naphthalene		U	MG/KG
I1	03-Nov-09	Phenanthrene		J	MG/KG
I1	03-Nov-09	Pyrene		J	MG/KG
I2	03-Nov-09	1-Methylnaphthalene		UJ	MG/KG
I2	03-Nov-09	2-Methylnaphthalene		UJ	MG/KG
I2	03-Nov-09	Acenaphthene		UJ	MG/KG
I2	03-Nov-09	Acenaphthylene		J	MG/KG
I2	03-Nov-09	Anthracene		J	MG/KG
I2	03-Nov-09	PCB-1260 (AROCHLOR 1260)		U	MG/KG
I2	03-Nov-09	Benzo(a)anthracene		J	MG/KG
I2	03-Nov-09	Benzo(a)pyrene		J	MG/KG
I2	03-Nov-09	Benzo(b)fluoranthene		J	MG/KG
I2	03-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
I2	03-Nov-09	Benzo(k)fluoranthene		J	MG/KG
I2	03-Nov-09	Chrysene		J	MG/KG
I2	03-Nov-09	Dibenz(a,h)anthracene		J	MG/KG
I2	03-Nov-09	Fluoranthene		J	MG/KG
I2	03-Nov-09	Fluorene		J	MG/KG
I2	03-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
I2	03-Nov-09	Lead		JB	MG/KG
I2	03-Nov-09	Naphthalene		J	MG/KG
I2	03-Nov-09	Phenanthrene		J	MG/KG
I2	03-Nov-09	Pyrene		J	MG/KG
I3	03-Nov-09	1-Methylnaphthalene		UJ	MG/KG
I3	03-Nov-09	2-Methylnaphthalene		J	MG/KG
I3	03-Nov-09	Acenaphthene		J	MG/KG
I3	03-Nov-09	Acenaphthylene		J	MG/KG
I3	03-Nov-09	Anthracene		J	MG/KG
I3	03-Nov-09	PCB-1260 (AROCHLOR 1260)		U	MG/KG
I3	03-Nov-09	Benzo(a)anthracene		J	MG/KG
I3	03-Nov-09	Benzo(a)pyrene		J	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
I3	03-Nov-09	Benzo(b)fluoranthene		J	MG/KG
I3	03-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
I3	03-Nov-09	Benzo(k)fluoranthene		J	MG/KG
I3	03-Nov-09	Chrysene		J	MG/KG
I3	03-Nov-09	Dibenz(a,h)anthracene		J	MG/KG
I3	03-Nov-09	Fluoranthene		J	MG/KG
I3	03-Nov-09	Fluorene		J	MG/KG
I3	03-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
I3	03-Nov-09	Lead		JB	MG/KG
I3	03-Nov-09	Naphthalene		J	MG/KG
I3	03-Nov-09	Phenanthrene		J	MG/KG
I3	03-Nov-09	Pyrene		J	MG/KG
I4	03-Nov-09	1-Methylnaphthalene		UJ	MG/KG
I4	03-Nov-09	2-Methylnaphthalene		UJ	MG/KG
I4	03-Nov-09	Acenaphthene		UJ	MG/KG
I4	03-Nov-09	Acenaphthylene		J	MG/KG
I4	03-Nov-09	Anthracene		J	MG/KG
I4	03-Nov-09	PCB-1260 (AROCHLOR 1260)		U	MG/KG
I4	03-Nov-09	Benzo(a)anthracene		J	MG/KG
I4	03-Nov-09	Benzo(a)pyrene		J	MG/KG
I4	03-Nov-09	Benzo(b)fluoranthene		J	MG/KG
I4	03-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
I4	03-Nov-09	Benzo(k)fluoranthene		J	MG/KG
I4	03-Nov-09	Chrysene		J	MG/KG
I4	03-Nov-09	Dibenz(a,h)anthracene		UJ	MG/KG
I4	03-Nov-09	Fluoranthene		J	MG/KG
I4	03-Nov-09	Fluorene		UJ	MG/KG
I4	03-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
I4	03-Nov-09	Lead		JB	MG/KG
I4	03-Nov-09	Naphthalene		J	MG/KG
I4	03-Nov-09	Phenanthrene		J	MG/KG
I4	03-Nov-09	Pyrene		J	MG/KG
I5	03-Nov-09	1-Methylnaphthalene		J	MG/KG
I5	03-Nov-09	2-Methylnaphthalene		J	MG/KG
I5	03-Nov-09	Acenaphthene		=	MG/KG
I5	03-Nov-09	Acenaphthylene		=	MG/KG
I5	03-Nov-09	Anthracene		=	MG/KG
I5	03-Nov-09	PCB-1260 (AROCHLOR 1260)		U	MG/KG
I5	03-Nov-09	Benzo(a)anthracene		=	MG/KG
I5	03-Nov-09	Benzo(a)pyrene		=	MG/KG
I5	03-Nov-09	Benzo(b)fluoranthene		=	MG/KG
I5	03-Nov-09	Benzo(g,h,i)perylene		J	MG/KG
I5	03-Nov-09	Benzo(k)fluoranthene		=	MG/KG
I5	03-Nov-09	Chrysene		=	MG/KG
I5	03-Nov-09	Dibenz(a,h)anthracene		=	MG/KG
I5	03-Nov-09	Fluoranthene		=	MG/KG
I5	03-Nov-09	Fluorene		=	MG/KG
I5	03-Nov-09	Indeno(1,2,3-cd)pyrene		J	MG/KG
I5	03-Nov-09	Lead		JB	MG/KG
I5	03-Nov-09	Naphthalene		=	MG/KG
I5	03-Nov-09	Phenanthrene		=	MG/KG
I5	03-Nov-09	Pyrene		=	MG/KG
J1	03-Nov-09	1-Methylnaphthalene		U	MG/KG
J1	03-Nov-09	2-Methylnaphthalene		J	MG/KG
J1	03-Nov-09	Acenaphthene		U	MG/KG
J1	03-Nov-09	Acenaphthylene		=	MG/KG
J1	03-Nov-09	Anthracene		=	MG/KG
J1	03-Nov-09	PCB-1260 (AROCHLOR 1260)		B	MG/KG
J1	03-Nov-09	Benzo(a)anthracene		=	MG/KG
J1	03-Nov-09	Benzo(a)pyrene		=	MG/KG
J1	03-Nov-09	Benzo(b)fluoranthene		=	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
J1	03-Nov-09	Benzo(g,h,i)perylene		=	MG/KG
J1	03-Nov-09	Benzo(k)fluoranthene		=	MG/KG
J1	03-Nov-09	Chrysene		=	MG/KG
J1	03-Nov-09	Dibenz(a,h)anthracene		=	MG/KG
J1	03-Nov-09	Fluoranthene		=	MG/KG
J1	03-Nov-09	Fluorene		U	MG/KG
J1	03-Nov-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
J1	03-Nov-09	Lead		JB	MG/KG
J1	03-Nov-09	Naphthalene		J	MG/KG
J1	03-Nov-09	Phenanthrene		J	MG/KG
J1	03-Nov-09	Pyrene		=	MG/KG
J2	03-Nov-09	1-Methylnaphthalene		U	MG/KG
J2	03-Nov-09	2-Methylnaphthalene		J	MG/KG
J2	03-Nov-09	Acenaphthene		U	MG/KG
J2	03-Nov-09	Acenaphthylene		=	MG/KG
J2	03-Nov-09	Anthracene		=	MG/KG
J2	03-Nov-09	PCB-1260 (AROCHLOR 1260)		B	MG/KG
J2	03-Nov-09	Benzo(a)anthracene		=	MG/KG
J2	03-Nov-09	Benzo(a)pyrene		=	MG/KG
J2	03-Nov-09	Benzo(b)fluoranthene		=	MG/KG
J2	03-Nov-09	Benzo(g,h,i)perylene		=	MG/KG
J2	03-Nov-09	Benzo(k)fluoranthene		=	MG/KG
J2	03-Nov-09	Chrysene		=	MG/KG
J2	03-Nov-09	Dibenz(a,h)anthracene		=	MG/KG
J2	03-Nov-09	Fluoranthene		=	MG/KG
J2	03-Nov-09	Fluorene		U	MG/KG
J2	03-Nov-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
J2	03-Nov-09	Lead		JB	MG/KG
J2	03-Nov-09	Naphthalene		J	MG/KG
J2	03-Nov-09	Phenanthrene		=	MG/KG
J2	03-Nov-09	Pyrene		=	MG/KG
J3	03-Nov-09	1-Methylnaphthalene		U	MG/KG
J3	03-Nov-09	2-Methylnaphthalene		U	MG/KG
J3	03-Nov-09	Acenaphthene		U	MG/KG
J3	03-Nov-09	Acenaphthylene		=	MG/KG
J3	03-Nov-09	Anthracene		=	MG/KG
J3	03-Nov-09	PCB-1260 (AROCHLOR 1260)		B	MG/KG
J3	03-Nov-09	Benzo(a)anthracene		=	MG/KG
J3	03-Nov-09	Benzo(a)pyrene		=	MG/KG
J3	03-Nov-09	Benzo(b)fluoranthene		=	MG/KG
J3	03-Nov-09	Benzo(g,h,i)perylene		=	MG/KG
J3	03-Nov-09	Benzo(k)fluoranthene		=	MG/KG
J3	03-Nov-09	Chrysene		=	MG/KG
J3	03-Nov-09	Dibenz(a,h)anthracene		=	MG/KG
J3	03-Nov-09	Fluoranthene		=	MG/KG
J3	03-Nov-09	Fluorene		U	MG/KG
J3	03-Nov-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
J3	03-Nov-09	Lead		JB	MG/KG
J3	03-Nov-09	Naphthalene		J	MG/KG
J3	03-Nov-09	Phenanthrene		=	MG/KG
J3	03-Nov-09	Pyrene		=	MG/KG
J4	03-Nov-09	1-Methylnaphthalene		U	MG/KG
J4	03-Nov-09	2-Methylnaphthalene		U	MG/KG
J4	03-Nov-09	Acenaphthene		J	MG/KG
J4	03-Nov-09	Acenaphthylene		J	MG/KG
J4	03-Nov-09	Anthracene		=	MG/KG
J4	03-Nov-09	PCB-1260 (AROCHLOR 1260)		U	MG/KG
J4	03-Nov-09	Benzo(a)anthracene		=	MG/KG
J4	03-Nov-09	Benzo(a)pyrene		=	MG/KG
J4	03-Nov-09	Benzo(b)fluoranthene		=	MG/KG
J4	03-Nov-09	Benzo(g,h,i)perylene		=	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
J4	03-Nov-09	Benzo(k)fluoranthene		=	MG/KG
J4	03-Nov-09	Chrysene		=	MG/KG
J4	03-Nov-09	Dibenz(a,h)anthracene		J	MG/KG
J4	03-Nov-09	Fluoranthene		=	MG/KG
J4	03-Nov-09	Fluorene		J	MG/KG
J4	03-Nov-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
J4	03-Nov-09	Lead		JB	MG/KG
J4	03-Nov-09	Naphthalene		U	MG/KG
J4	03-Nov-09	Phenanthrene		=	MG/KG
J4	03-Nov-09	Pyrene		=	MG/KG
J5	03-Nov-09	1-Methylnaphthalene		U	MG/KG
J5	03-Nov-09	2-Methylnaphthalene		U	MG/KG
J5	03-Nov-09	Acenaphthene		U	MG/KG
J5	03-Nov-09	Acenaphthylene		=	MG/KG
J5	03-Nov-09	Anthracene		=	MG/KG
J5	03-Nov-09	PCB-1260 (AROCHLOR 1260)		U	MG/KG
J5	03-Nov-09	Benzo(a)anthracene		=	MG/KG
J5	03-Nov-09	Benzo(a)pyrene		=	MG/KG
J5	03-Nov-09	Benzo(b)fluoranthene		=	MG/KG
J5	03-Nov-09	Benzo(g,h,i)perylene		=	MG/KG
J5	03-Nov-09	Benzo(k)fluoranthene		=	MG/KG
J5	03-Nov-09	Chrysene		=	MG/KG
J5	03-Nov-09	Dibenz(a,h)anthracene		J	MG/KG
J5	03-Nov-09	Fluoranthene		=	MG/KG
J5	03-Nov-09	Fluorene		U	MG/KG
J5	03-Nov-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
J5	03-Nov-09	Lead		JB	MG/KG
J5	03-Nov-09	Naphthalene		J	MG/KG
J5	03-Nov-09	Phenanthrene		J	MG/KG
J5	03-Nov-09	Pyrene		=	MG/KG
Q10	18-Sep-06	LEAD		U	MG/KG
Q10	18-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
Q2	18-Sep-06	LEAD		U	MG/KG
Q2	18-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
Q3	18-Sep-06	LEAD		U	MG/KG
Q3	18-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
Q4	18-Sep-06	LEAD		U	MG/KG
Q4	18-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
Q5	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
Q5	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
Q5	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
Q5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
Q5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
Q5	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
Q5	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
Q5	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
Q5	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
Q5	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
Q5	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
Q5	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
Q5	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
Q5	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
Q5	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
Q5	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
Q5	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
Q5	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
Q5	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
Q5	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
Q5	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
Q5	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
Q5	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
Q5	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
Q5	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
Q5	16-Jan-07	ALDRIN	0.0012	U	MG/KG
Q5	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
Q5	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
Q5	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
Q5	16-Jan-07	ALUMINUM		=	MG/KG
Q5	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
Q5	16-Jan-07	BARIUM		=	MG/KG
Q5	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
Q5	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
Q5	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
Q5	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
Q5	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
Q5	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
Q5	16-Jan-07	BERYLLIUM		J	MG/KG
Q5	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
Q5	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
Q5	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
Q5	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
Q5	16-Jan-07	CALCIUM		J	MG/KG
Q5	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
Q5	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
Q5	16-Jan-07	COBALT		J	MG/KG
Q5	16-Jan-07	COPPER		U	MG/KG
Q5	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
Q5	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
Q5	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
Q5	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
Q5	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
Q5	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
Q5	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
Q5	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
Q5	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
Q5	16-Jan-07	ENDRIN	0.0012	U	MG/KG
Q5	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
Q5	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
Q5	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
Q5	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
Q5	16-Jan-07	FLUORENE	0.0022	U	MG/KG
Q5	16-Jan-07	FLUORENE	0.293	U	MG/KG
Q5	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
Q5	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
Q5	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
Q5	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
Q5	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
Q5	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
Q5	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
Q5	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
Q5	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
Q5	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
Q5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
Q5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
Q5	16-Jan-07	IRON		=	MG/KG
Q5	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
Q5	16-Jan-07	LEAD		J	MG/KG
Q5	16-Jan-07	MAGNESIUM		=	MG/KG
Q5	16-Jan-07	MANGANESE		=	MG/KG
Q5	16-Jan-07	MERCURY		J	MG/KG
Q5	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
Q5	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
Q5	16-Jan-07	MOLYBDENUM		U	MG/KG
Q5	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
Q5	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
Q5	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
Q5	16-Jan-07	NICKEL		U	MG/KG
Q5	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
Q5	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
Q5	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
Q5	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
Q5	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
Q5	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
Q5	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
Q5	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
Q5	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
Q5	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
Q5	16-Jan-07	pH		=	PH
Q5	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
Q5	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
Q5	16-Jan-07	PHENOL	1.46	U	MG/KG
Q5	16-Jan-07	POTASSIUM		J	MG/KG
Q5	16-Jan-07	PYRENE	0.293	U	MG/KG
Q5	16-Jan-07	SELENIUM		U	MG/KG
Q5	16-Jan-07	SILVER		U	MG/KG
Q5	16-Jan-07	SODIUM		JB	MG/KG
Q5	16-Jan-07	STYRENE	0.002	U	MG/KG
Q5	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
Q5	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
Q5	16-Jan-07	THALLIUM		U	MG/KG
Q5	16-Jan-07	VANADIUM		=	MG/KG
Q5	16-Jan-07	ZINC		U	MG/KG
Q7	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
Q7	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
Q7	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
Q7	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
Q7	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
Q7	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
Q7	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
Q7	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
Q7	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
Q7	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
Q7	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
Q7	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
Q7	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
Q7	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
Q7	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
Q7	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
Q7	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
Q7	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
Q7	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
Q7	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
Q7	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
Q7	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
Q7	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
Q7	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
Q7	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
Q7	16-Jan-07	ALDRIN	0.0012	U	MG/KG
Q7	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
Q7	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
Q7	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
Q7	16-Jan-07	ALUMINUM		=	MG/KG
Q7	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
Q7	16-Jan-07	BARIUM		=	MG/KG
Q7	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
Q7	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
Q7	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
Q7	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
Q7	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
Q7	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
Q7	16-Jan-07	BERYLLIUM		J	MG/KG
Q7	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
Q7	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
Q7	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
Q7	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
Q7	16-Jan-07	CALCIUM		J	MG/KG
Q7	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
Q7	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
Q7	16-Jan-07	COBALT		J	MG/KG
Q7	16-Jan-07	COPPER		U	MG/KG
Q7	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
Q7	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
Q7	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
Q7	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
Q7	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
Q7	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
Q7	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
Q7	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
Q7	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
Q7	16-Jan-07	ENDRIN	0.0012	U	MG/KG
Q7	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
Q7	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
Q7	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
Q7	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
Q7	16-Jan-07	FLUORENE	0.0022	U	MG/KG
Q7	16-Jan-07	FLUORENE	0.293	U	MG/KG
Q7	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
Q7	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
Q7	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
Q7	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
Q7	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
Q7	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
Q7	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
Q7	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
Q7	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
Q7	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
Q7	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
Q7	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
Q7	16-Jan-07	IRON		=	MG/KG
Q7	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
Q7	16-Jan-07	LEAD		J	MG/KG
Q7	16-Jan-07	MAGNESIUM		=	MG/KG
Q7	16-Jan-07	MANGANESE		=	MG/KG
Q7	16-Jan-07	MERCURY		J	MG/KG
Q7	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
Q7	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
Q7	16-Jan-07	MOLYBDENUM		U	MG/KG
Q7	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
Q7	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
Q7	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
Q7	16-Jan-07	NICKEL		U	MG/KG
Q7	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
Q7	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
Q7	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
Q7	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
Q7	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
Q7	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
Q7	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
Q7	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
Q7	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
Q7	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
Q7	16-Jan-07	pH		=	PH
Q7	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
Q7	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
Q7	16-Jan-07	PHENOL	1.46	U	MG/KG
Q7	16-Jan-07	POTASSIUM		J	MG/KG
Q7	16-Jan-07	PYRENE	0.293	U	MG/KG
Q7	16-Jan-07	SELENIUM		U	MG/KG
Q7	16-Jan-07	SILVER		U	MG/KG
Q7	16-Jan-07	SODIUM		JB	MG/KG
Q7	16-Jan-07	STYRENE	0.002	U	MG/KG
Q7	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
Q7	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
Q7	16-Jan-07	THALLIUM		U	MG/KG
Q7	16-Jan-07	VANADIUM		=	MG/KG
Q7	16-Jan-07	ZINC		U	MG/KG
Q8	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
Q8	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
Q8	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
Q8	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
Q8	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
Q8	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
Q8	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
Q8	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
Q8	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
Q8	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
Q8	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
Q8	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
Q8	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
Q8	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
Q8	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
Q8	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
Q8	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
Q8	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
Q8	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
Q8	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
Q8	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
Q8	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
Q8	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
Q8	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
Q8	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
Q8	16-Jan-07	ALDRIN	0.0012	U	MG/KG
Q8	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
Q8	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
Q8	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
Q8	16-Jan-07	ALUMINUM		=	MG/KG
Q8	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
Q8	16-Jan-07	BARIUM		=	MG/KG
Q8	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
Q8	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
Q8	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
Q8	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
Q8	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
Q8	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
Q8	16-Jan-07	BERYLLIUM		J	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
Q8	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
Q8	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
Q8	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
Q8	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
Q8	16-Jan-07	CALCIUM		J	MG/KG
Q8	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
Q8	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
Q8	16-Jan-07	COBALT		J	MG/KG
Q8	16-Jan-07	COPPER		U	MG/KG
Q8	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
Q8	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
Q8	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
Q8	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
Q8	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
Q8	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
Q8	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
Q8	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
Q8	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
Q8	16-Jan-07	ENDRIN	0.0012	U	MG/KG
Q8	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
Q8	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
Q8	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
Q8	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
Q8	16-Jan-07	FLUORENE	0.0022	U	MG/KG
Q8	16-Jan-07	FLUORENE	0.293	U	MG/KG
Q8	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
Q8	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
Q8	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
Q8	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
Q8	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
Q8	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
Q8	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
Q8	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
Q8	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
Q8	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
Q8	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
Q8	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
Q8	16-Jan-07	IRON		=	MG/KG
Q8	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
Q8	16-Jan-07	LEAD		J	MG/KG
Q8	16-Jan-07	MAGNESIUM		=	MG/KG
Q8	16-Jan-07	MANGANESE		=	MG/KG
Q8	16-Jan-07	MERCURY		J	MG/KG
Q8	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
Q8	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
Q8	16-Jan-07	MOLYBDENUM		U	MG/KG
Q8	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
Q8	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
Q8	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
Q8	16-Jan-07	NICKEL		U	MG/KG
Q8	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
Q8	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
Q8	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
Q8	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
Q8	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
Q8	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
Q8	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
Q8	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
Q8	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
Q8	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
Q8	16-Jan-07	pH		=	PH

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
Q8	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
Q8	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
Q8	16-Jan-07	PHENOL	1.46	U	MG/KG
Q8	16-Jan-07	POTASSIUM		J	MG/KG
Q8	16-Jan-07	PYRENE	0.293	U	MG/KG
Q8	16-Jan-07	SELENIUM		U	MG/KG
Q8	16-Jan-07	SILVER		U	MG/KG
Q8	16-Jan-07	SODIUM		JB	MG/KG
Q8	16-Jan-07	STYRENE	0.002	U	MG/KG
Q8	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
Q8	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
Q8	16-Jan-07	THALLIUM		U	MG/KG
Q8	16-Jan-07	VANADIUM		=	MG/KG
Q8	16-Jan-07	ZINC		U	MG/KG
Q9	18-Sep-06	LEAD		U	MG/KG
Q9	18-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
SB02A	24-Jul-09	1-Methylnaphthalene		J	MG/KG
SB02A	24-Jul-09	2-Methylnaphthalene		J	MG/KG
SB02A	24-Jul-09	Acenaphthene		J	MG/KG
SB02A	24-Jul-09	Acenaphthylene		U	MG/KG
SB02A	24-Jul-09	Anthracene		=	MG/KG
SB02A	24-Jul-09	Benzo(a)anthracene		=	MG/KG
SB02A	24-Jul-09	Benzo(a)pyrene		=	MG/KG
SB02A	24-Jul-09	Benzo(b)fluoranthene		=	MG/KG
SB02A	24-Jul-09	Benzo(g,h,i)perylene		=	MG/KG
SB02A	24-Jul-09	Benzo(k)fluoranthene		=	MG/KG
SB02A	24-Jul-09	Chrysene		=	MG/KG
SB02A	24-Jul-09	Dibenz(a,h)anthracene		=	MG/KG
SB02A	24-Jul-09	Fluoranthene		=	MG/KG
SB02A	24-Jul-09	Fluorene		=	MG/KG
SB02A	24-Jul-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
SB02A	24-Jul-09	Naphthalene		=	MG/KG
SB02A	24-Jul-09	Phenanthrene		=	MG/KG
SB02A	24-Jul-09	Pyrene		=	MG/KG
SB02E	24-Jul-09	1-Methylnaphthalene		U	MG/KG
SB02E	24-Jul-09	2-Methylnaphthalene		U	MG/KG
SB02E	24-Jul-09	Acenaphthene		U	MG/KG
SB02E	24-Jul-09	Acenaphthylene		U	MG/KG
SB02E	24-Jul-09	Anthracene		U	MG/KG
SB02E	24-Jul-09	Benzo(a)anthracene		=	MG/KG
SB02E	24-Jul-09	Benzo(a)pyrene		=	MG/KG
SB02E	24-Jul-09	Benzo(b)fluoranthene		=	MG/KG
SB02E	24-Jul-09	Benzo(g,h,i)perylene		=	MG/KG
SB02E	24-Jul-09	Benzo(k)fluoranthene		J	MG/KG
SB02E	24-Jul-09	Chrysene		=	MG/KG
SB02E	24-Jul-09	Dibenz(a,h)anthracene		U	MG/KG
SB02E	24-Jul-09	Fluoranthene		=	MG/KG
SB02E	24-Jul-09	Fluorene		U	MG/KG
SB02E	24-Jul-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
SB02E	24-Jul-09	Naphthalene		U	MG/KG
SB02E	24-Jul-09	Phenanthrene		J	MG/KG
SB02E	24-Jul-09	Pyrene		=	MG/KG
SB02N	24-Jul-09	1-Methylnaphthalene		U	MG/KG
SB02N	24-Jul-09	2-Methylnaphthalene		=	MG/KG
SB02N	24-Jul-09	Acenaphthene		=	MG/KG
SB02N	24-Jul-09	Acenaphthylene		U	MG/KG
SB02N	24-Jul-09	Anthracene		=	MG/KG
SB02N	24-Jul-09	Benzo(a)anthracene		=	MG/KG
SB02N	24-Jul-09	Benzo(a)pyrene		=	MG/KG
SB02N	24-Jul-09	Benzo(b)fluoranthene		=	MG/KG
SB02N	24-Jul-09	Benzo(g,h,i)perylene		=	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
SB02N	24-Jul-09	Benzo(k)fluoranthene		=	MG/KG
SB02N	24-Jul-09	Chrysene		=	MG/KG
SB02N	24-Jul-09	Dibenz(a,h)anthracene		=	MG/KG
SB02N	24-Jul-09	Fluoranthene		=	MG/KG
SB02N	24-Jul-09	Fluorene		=	MG/KG
SB02N	24-Jul-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
SB02N	24-Jul-09	Naphthalene		=	MG/KG
SB02N	24-Jul-09	Phenanthrene		=	MG/KG
SB02N	24-Jul-09	Pyrene		=	MG/KG
SB02N2	24-Jul-09	1-Methylnaphthalene		U	MG/KG
SB02N2	24-Jul-09	2-Methylnaphthalene		U	MG/KG
SB02N2	24-Jul-09	Acenaphthene		U	MG/KG
SB02N2	24-Jul-09	Acenaphthylene		U	MG/KG
SB02N2	24-Jul-09	Anthracene		U	MG/KG
SB02N2	24-Jul-09	Benzo(a)anthracene		=	MG/KG
SB02N2	24-Jul-09	Benzo(a)pyrene		=	MG/KG
SB02N2	24-Jul-09	Benzo(b)fluoranthene		=	MG/KG
SB02N2	24-Jul-09	Benzo(g,h,i)perylene		=	MG/KG
SB02N2	24-Jul-09	Benzo(k)fluoranthene		=	MG/KG
SB02N2	24-Jul-09	Chrysene		=	MG/KG
SB02N2	24-Jul-09	Dibenz(a,h)anthracene		U	MG/KG
SB02N2	24-Jul-09	Fluoranthene		=	MG/KG
SB02N2	24-Jul-09	Fluorene		U	MG/KG
SB02N2	24-Jul-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
SB02N2	24-Jul-09	Naphthalene		J	MG/KG
SB02N2	24-Jul-09	Phenanthrene		J	MG/KG
SB02N2	24-Jul-09	Pyrene		=	MG/KG
SB02W	24-Jul-09	1-Methylnaphthalene		U	MG/KG
SB02W	24-Jul-09	2-Methylnaphthalene		U	MG/KG
SB02W	24-Jul-09	Acenaphthene		U	MG/KG
SB02W	24-Jul-09	Acenaphthylene		U	MG/KG
SB02W	24-Jul-09	Anthracene		U	MG/KG
SB02W	24-Jul-09	Benzo(a)anthracene		U	MG/KG
SB02W	24-Jul-09	Benzo(a)pyrene		=	MG/KG
SB02W	24-Jul-09	Benzo(b)fluoranthene		=	MG/KG
SB02W	24-Jul-09	Benzo(g,h,i)perylene		=	MG/KG
SB02W	24-Jul-09	Benzo(k)fluoranthene		J	MG/KG
SB02W	24-Jul-09	Chrysene		J	MG/KG
SB02W	24-Jul-09	Dibenz(a,h)anthracene		U	MG/KG
SB02W	24-Jul-09	Fluoranthene		J	MG/KG
SB02W	24-Jul-09	Fluorene		U	MG/KG
SB02W	24-Jul-09	Indeno(1,2,3-cd)pyrene		=	MG/KG
SB02W	24-Jul-09	Naphthalene		U	MG/KG
SB02W	24-Jul-09	Phenanthrene		J	MG/KG
SB02W	24-Jul-09	Pyrene		J	MG/KG
SB03A	24-Jul-09	Lead		=	MG/KG
SB03E	24-Jul-09	Lead		=	MG/KG
SB03N	24-Jul-09	Lead		=	MG/KG
SB03W	24-Jul-09	Lead		=	MG/KG
X1	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
X1	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
X1	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
X1	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
X1	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
X1	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
X1	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
X1	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
X1	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
X1	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
X1	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
X1	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
X1	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
X1	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
X1	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
X1	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
X1	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
X1	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
X1	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
X1	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
X1	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
X1	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
X1	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
X1	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
X1	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
X1	16-Jan-07	ALDRIN	0.0012	U	MG/KG
X1	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
X1	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
X1	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
X1	16-Jan-07	ALUMINUM		=	MG/KG
X1	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
X1	16-Jan-07	BARIUM		=	MG/KG
X1	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
X1	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
X1	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
X1	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
X1	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
X1	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
X1	16-Jan-07	BERYLLIUM		J	MG/KG
X1	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X1	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
X1	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
X1	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
X1	16-Jan-07	CALCIUM		J	MG/KG
X1	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
X1	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
X1	16-Jan-07	COBALT		J	MG/KG
X1	16-Jan-07	COPPER		U	MG/KG
X1	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X1	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
X1	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
X1	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
X1	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
X1	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
X1	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
X1	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
X1	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
X1	16-Jan-07	ENDRIN	0.0012	U	MG/KG
X1	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
X1	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
X1	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
X1	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
X1	16-Jan-07	FLUORENE	0.0022	U	MG/KG
X1	16-Jan-07	FLUORENE	0.293	U	MG/KG
X1	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
X1	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
X1	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
X1	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
X1	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
X1	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
X1	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
X1	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
X1	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
X1	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
X1	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
X1	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
X1	16-Jan-07	IRON		=	MG/KG
X1	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
X1	16-Jan-07	LEAD		J	MG/KG
X1	16-Jan-07	MAGNESIUM		=	MG/KG
X1	16-Jan-07	MANGANESE		=	MG/KG
X1	16-Jan-07	MERCURY		J	MG/KG
X1	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
X1	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
X1	16-Jan-07	MOLYBDENUM		U	MG/KG
X1	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
X1	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
X1	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
X1	16-Jan-07	NICKEL		U	MG/KG
X1	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
X1	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
X1	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
X1	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
X1	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
X1	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
X1	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
X1	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
X1	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
X1	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
X1	16-Jan-07	pH		=	PH
X1	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
X1	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
X1	16-Jan-07	PHENOL	1.46	U	MG/KG
X1	16-Jan-07	POTASSIUM		J	MG/KG
X1	16-Jan-07	PYRENE	0.293	U	MG/KG
X1	16-Jan-07	SELENIUM		U	MG/KG
X1	16-Jan-07	SILVER		U	MG/KG
X1	16-Jan-07	SODIUM		JB	MG/KG
X1	16-Jan-07	STYRENE	0.002	U	MG/KG
X1	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
X1	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
X1	16-Jan-07	THALLIUM		U	MG/KG
X1	16-Jan-07	VANADIUM		=	MG/KG
X1	16-Jan-07	ZINC		U	MG/KG
X10	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
X10	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
X10	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
X10	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
X10	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
X10	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
X10	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
X10	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
X10	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
X10	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
X10	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
X10	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
X10	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
X10	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
X10	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
X10	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
X10	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
X10	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
X10	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
X10	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
X10	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
X10	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
X10	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
X10	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
X10	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
X10	16-Jan-07	ALDRIN	0.0012	U	MG/KG
X10	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
X10	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
X10	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
X10	16-Jan-07	ALUMINUM		=	MG/KG
X10	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
X10	16-Jan-07	BARIUM		=	MG/KG
X10	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
X10	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
X10	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
X10	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
X10	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
X10	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
X10	16-Jan-07	BERYLLIUM		J	MG/KG
X10	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X10	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
X10	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
X10	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
X10	16-Jan-07	CALCIUM		J	MG/KG
X10	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
X10	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
X10	16-Jan-07	COBALT		J	MG/KG
X10	16-Jan-07	COPPER		U	MG/KG
X10	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X10	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
X10	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
X10	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
X10	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
X10	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
X10	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
X10	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
X10	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
X10	16-Jan-07	ENDRIN	0.0012	U	MG/KG
X10	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
X10	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
X10	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
X10	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
X10	16-Jan-07	FLUORENE	0.0022	U	MG/KG
X10	16-Jan-07	FLUORENE	0.293	U	MG/KG
X10	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
X10	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
X10	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
X10	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
X10	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
X10	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
X10	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
X10	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
X10	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
X10	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
X10	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
X10	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
X10	16-Jan-07	IRON		=	MG/KG
X10	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
X10	16-Jan-07	LEAD		J	MG/KG
X10	16-Jan-07	MAGNESIUM		=	MG/KG
X10	16-Jan-07	MANGANESE		=	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
X10	16-Jan-07	MERCURY		J	MG/KG
X10	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
X10	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
X10	16-Jan-07	MOLYBDENUM		U	MG/KG
X10	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
X10	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
X10	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
X10	16-Jan-07	NICKEL		U	MG/KG
X10	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
X10	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
X10	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
X10	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
X10	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
X10	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
X10	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
X10	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
X10	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
X10	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
X10	16-Jan-07	pH		=	PH
X10	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
X10	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
X10	16-Jan-07	PHENOL	1.46	U	MG/KG
X10	16-Jan-07	POTASSIUM		J	MG/KG
X10	16-Jan-07	PYRENE	0.293	U	MG/KG
X10	16-Jan-07	SELENIUM		U	MG/KG
X10	16-Jan-07	SILVER		U	MG/KG
X10	16-Jan-07	SODIUM		JB	MG/KG
X10	16-Jan-07	STYRENE	0.002	U	MG/KG
X10	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
X10	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
X10	16-Jan-07	THALLIUM		U	MG/KG
X10	16-Jan-07	VANADIUM		=	MG/KG
X10	16-Jan-07	ZINC		U	MG/KG
X2	19-Sep-06	LEAD		U	MG/KG
X2	19-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
X3	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
X3	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
X3	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
X3	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
X3	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
X3	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
X3	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
X3	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
X3	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
X3	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
X3	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
X3	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
X3	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
X3	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
X3	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
X3	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
X3	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
X3	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
X3	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
X3	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
X3	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
X3	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
X3	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
X3	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
X3	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
X3	16-Jan-07	ALDRIN	0.0012	U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
X3	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
X3	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
X3	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
X3	16-Jan-07	ALUMINUM		=	MG/KG
X3	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
X3	16-Jan-07	BARIUM		=	MG/KG
X3	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
X3	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
X3	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
X3	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
X3	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
X3	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
X3	16-Jan-07	BERYLLIUM		J	MG/KG
X3	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X3	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
X3	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
X3	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
X3	16-Jan-07	CALCIUM		J	MG/KG
X3	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
X3	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
X3	16-Jan-07	COBALT		J	MG/KG
X3	16-Jan-07	COPPER		U	MG/KG
X3	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X3	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
X3	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
X3	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
X3	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
X3	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
X3	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
X3	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
X3	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
X3	16-Jan-07	ENDRIN	0.0012	U	MG/KG
X3	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
X3	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
X3	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
X3	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
X3	16-Jan-07	FLUORENE	0.0022	U	MG/KG
X3	16-Jan-07	FLUORENE	0.293	U	MG/KG
X3	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
X3	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
X3	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
X3	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
X3	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
X3	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
X3	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
X3	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
X3	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
X3	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
X3	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
X3	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
X3	16-Jan-07	IRON		=	MG/KG
X3	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
X3	16-Jan-07	LEAD		J	MG/KG
X3	16-Jan-07	MAGNESIUM		=	MG/KG
X3	16-Jan-07	MANGANESE		=	MG/KG
X3	16-Jan-07	MERCURY		J	MG/KG
X3	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
X3	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
X3	16-Jan-07	MOLYBDENUM		U	MG/KG
X3	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
X3	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
X3	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
X3	16-Jan-07	NICKEL		U	MG/KG
X3	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
X3	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
X3	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
X3	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
X3	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
X3	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
X3	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
X3	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
X3	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
X3	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
X3	16-Jan-07	pH		=	PH
X3	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
X3	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
X3	16-Jan-07	PHENOL	1.46	U	MG/KG
X3	16-Jan-07	POTASSIUM		J	MG/KG
X3	16-Jan-07	PYRENE	0.293	U	MG/KG
X3	16-Jan-07	SELENIUM		U	MG/KG
X3	16-Jan-07	SILVER		U	MG/KG
X3	16-Jan-07	SODIUM		JB	MG/KG
X3	16-Jan-07	STYRENE	0.002	U	MG/KG
X3	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
X3	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
X3	16-Jan-07	THALLIUM		U	MG/KG
X3	16-Jan-07	VANADIUM		=	MG/KG
X3	16-Jan-07	ZINC		U	MG/KG
X4	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
X4	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
X4	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
X4	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
X4	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
X4	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
X4	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
X4	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
X4	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
X4	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
X4	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
X4	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
X4	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
X4	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
X4	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
X4	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
X4	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
X4	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
X4	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
X4	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
X4	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
X4	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
X4	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
X4	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
X4	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
X4	16-Jan-07	ALDRIN	0.0012	U	MG/KG
X4	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
X4	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
X4	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
X4	16-Jan-07	ALUMINUM		=	MG/KG
X4	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
X4	16-Jan-07	BARIUM		=	MG/KG
X4	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
X4	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
X4	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
X4	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
X4	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
X4	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
X4	16-Jan-07	BERYLLIUM		J	MG/KG
X4	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X4	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
X4	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
X4	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
X4	16-Jan-07	CALCIUM		J	MG/KG
X4	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
X4	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
X4	16-Jan-07	COBALT		J	MG/KG
X4	16-Jan-07	COPPER		U	MG/KG
X4	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X4	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
X4	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
X4	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
X4	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
X4	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
X4	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
X4	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
X4	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
X4	16-Jan-07	ENDRIN	0.0012	U	MG/KG
X4	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
X4	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
X4	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
X4	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
X4	16-Jan-07	FLUORENE	0.0022	U	MG/KG
X4	16-Jan-07	FLUORENE	0.293	U	MG/KG
X4	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
X4	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
X4	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
X4	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
X4	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
X4	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
X4	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
X4	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
X4	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
X4	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
X4	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
X4	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
X4	16-Jan-07	IRON		=	MG/KG
X4	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
X4	16-Jan-07	LEAD		J	MG/KG
X4	16-Jan-07	MAGNESIUM		=	MG/KG
X4	16-Jan-07	MANGANESE		=	MG/KG
X4	16-Jan-07	MERCURY		J	MG/KG
X4	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
X4	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
X4	16-Jan-07	MOLYBDENUM		U	MG/KG
X4	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
X4	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
X4	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
X4	16-Jan-07	NICKEL		U	MG/KG
X4	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
X4	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
X4	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
X4	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
X4	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
X4	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
X4	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
X4	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
X4	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
X4	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
X4	16-Jan-07	pH		=	PH
X4	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
X4	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
X4	16-Jan-07	PHENOL	1.46	U	MG/KG
X4	16-Jan-07	POTASSIUM		J	MG/KG
X4	16-Jan-07	PYRENE	0.293	U	MG/KG
X4	16-Jan-07	SELENIUM		U	MG/KG
X4	16-Jan-07	SILVER		U	MG/KG
X4	16-Jan-07	SODIUM		JB	MG/KG
X4	16-Jan-07	STYRENE	0.002	U	MG/KG
X4	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
X4	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
X4	16-Jan-07	THALLIUM		U	MG/KG
X4	16-Jan-07	VANADIUM		=	MG/KG
X4	16-Jan-07	ZINC		U	MG/KG
X5	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
X5	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
X5	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
X5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
X5	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
X5	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
X5	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
X5	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
X5	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
X5	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
X5	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
X5	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
X5	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
X5	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
X5	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
X5	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
X5	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
X5	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
X5	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
X5	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
X5	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
X5	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
X5	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
X5	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
X5	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
X5	16-Jan-07	ALDRIN	0.0012	U	MG/KG
X5	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
X5	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
X5	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
X5	16-Jan-07	ALUMINUM		=	MG/KG
X5	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
X5	16-Jan-07	BARIUM		=	MG/KG
X5	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
X5	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
X5	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
X5	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
X5	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
X5	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
X5	16-Jan-07	BERYLLIUM		J	MG/KG
X5	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X5	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
X5	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
X5	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
X5	16-Jan-07	CALCIUM		J	MG/KG
X5	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
X5	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
X5	16-Jan-07	COBALT		J	MG/KG
X5	16-Jan-07	COPPER		U	MG/KG
X5	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X5	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
X5	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
X5	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
X5	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
X5	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
X5	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
X5	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
X5	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
X5	16-Jan-07	ENDRIN	0.0012	U	MG/KG
X5	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
X5	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
X5	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
X5	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
X5	16-Jan-07	FLUORENE	0.0022	U	MG/KG
X5	16-Jan-07	FLUORENE	0.293	U	MG/KG
X5	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
X5	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
X5	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
X5	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
X5	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
X5	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
X5	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
X5	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
X5	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
X5	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
X5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
X5	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
X5	16-Jan-07	IRON		=	MG/KG
X5	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
X5	16-Jan-07	LEAD		J	MG/KG
X5	16-Jan-07	MAGNESIUM		=	MG/KG
X5	16-Jan-07	MANGANESE		=	MG/KG
X5	16-Jan-07	MERCURY		J	MG/KG
X5	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
X5	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
X5	16-Jan-07	MOLYBDENUM		U	MG/KG
X5	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
X5	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
X5	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
X5	16-Jan-07	NICKEL		U	MG/KG
X5	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
X5	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
X5	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
X5	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
X5	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
X5	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
X5	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
X5	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
X5	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
X5	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
X5	16-Jan-07	pH		=	PH
X5	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
X5	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
X5	16-Jan-07	PHENOL	1.46	U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
X5	16-Jan-07	POTASSIUM		J	MG/KG
X5	16-Jan-07	PYRENE	0.293	U	MG/KG
X5	16-Jan-07	SELENIUM		U	MG/KG
X5	16-Jan-07	SILVER		U	MG/KG
X5	16-Jan-07	SODIUM		JB	MG/KG
X5	16-Jan-07	STYRENE	0.002	U	MG/KG
X5	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
X5	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
X5	16-Jan-07	THALLIUM		U	MG/KG
X5	16-Jan-07	VANADIUM		=	MG/KG
X5	16-Jan-07	ZINC		U	MG/KG
X7	19-Sep-06	LEAD		U	MG/KG
X7	19-Sep-06	PCB-1260 (AROCHLOR 1260)		J	MG/KG
X9	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
X9	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
X9	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
X9	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
X9	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
X9	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
X9	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
X9	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
X9	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
X9	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
X9	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
X9	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
X9	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
X9	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
X9	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
X9	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
X9	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
X9	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
X9	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
X9	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
X9	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
X9	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
X9	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
X9	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
X9	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
X9	16-Jan-07	ALDRIN	0.0012	U	MG/KG
X9	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
X9	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
X9	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
X9	16-Jan-07	ALUMINUM		=	MG/KG
X9	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
X9	16-Jan-07	BARIUM		=	MG/KG
X9	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
X9	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
X9	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
X9	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
X9	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
X9	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
X9	16-Jan-07	BERYLLIUM		J	MG/KG
X9	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X9	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
X9	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
X9	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
X9	16-Jan-07	CALCIUM		J	MG/KG
X9	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
X9	16-Jan-07	CHRYSENE	0.0022	U	MG/KG
X9	16-Jan-07	COBALT		J	MG/KG
X9	16-Jan-07	COPPER		U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
X9	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
X9	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
X9	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
X9	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
X9	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
X9	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
X9	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
X9	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
X9	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
X9	16-Jan-07	ENDRIN	0.0012	U	MG/KG
X9	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
X9	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
X9	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
X9	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
X9	16-Jan-07	FLUORENE	0.0022	U	MG/KG
X9	16-Jan-07	FLUORENE	0.293	U	MG/KG
X9	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
X9	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
X9	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
X9	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
X9	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
X9	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
X9	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
X9	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
X9	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
X9	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
X9	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
X9	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
X9	16-Jan-07	IRON		=	MG/KG
X9	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
X9	16-Jan-07	LEAD		J	MG/KG
X9	16-Jan-07	MAGNESIUM		=	MG/KG
X9	16-Jan-07	MANGANESE		=	MG/KG
X9	16-Jan-07	MERCURY		J	MG/KG
X9	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
X9	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
X9	16-Jan-07	MOLYBDENUM		U	MG/KG
X9	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
X9	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
X9	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
X9	16-Jan-07	NICKEL		U	MG/KG
X9	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
X9	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
X9	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
X9	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
X9	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
X9	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
X9	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
X9	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
X9	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
X9	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
X9	16-Jan-07	pH		=	PH
X9	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
X9	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
X9	16-Jan-07	PHENOL	1.46	U	MG/KG
X9	16-Jan-07	POTASSIUM		J	MG/KG
X9	16-Jan-07	PYRENE	0.293	U	MG/KG
X9	16-Jan-07	SELENIUM		U	MG/KG
X9	16-Jan-07	SILVER		U	MG/KG
X9	16-Jan-07	SODIUM		JB	MG/KG
X9	16-Jan-07	STYRENE	0.002	U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
X9	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
X9	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
X9	16-Jan-07	THALLIUM		U	MG/KG
X9	16-Jan-07	VANADIUM		=	MG/KG
X9	16-Jan-07	ZINC		U	MG/KG
Y1	20-Sep-06	LEAD		U	MG/KG
Y1	20-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
Y10	20-Sep-06	LEAD		U	MG/KG
Y10	20-Sep-06	PCB-1260 (AROCHLOR 1260)		J	MG/KG
Y11	20-Sep-06	LEAD		=	MG/KG
Y11	20-Sep-06	PCB-1260 (AROCHLOR 1260)		=	MG/KG
Y12	20-Sep-06	LEAD		U	MG/KG
Y12	20-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
Y2	20-Sep-06	LEAD		U	MG/KG
Y2	20-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
Y3	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
Y3	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
Y3	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
Y3	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
Y3	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
Y3	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
Y3	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
Y3	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
Y3	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
Y3	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
Y3	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
Y3	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
Y3	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
Y3	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
Y3	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
Y3	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
Y3	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
Y3	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
Y3	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
Y3	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
Y3	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
Y3	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
Y3	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
Y3	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
Y3	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
Y3	16-Jan-07	ALDRIN	0.0012	U	MG/KG
Y3	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
Y3	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
Y3	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
Y3	16-Jan-07	ALUMINUM		=	MG/KG
Y3	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
Y3	16-Jan-07	BARIUM		=	MG/KG
Y3	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
Y3	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
Y3	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
Y3	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
Y3	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
Y3	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
Y3	16-Jan-07	BERYLLIUM		J	MG/KG
Y3	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
Y3	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
Y3	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
Y3	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
Y3	16-Jan-07	CALCIUM		J	MG/KG
Y3	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
Y3	16-Jan-07	CHRYSENE	0.0022	U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
Y3	16-Jan-07	COBALT		J	MG/KG
Y3	16-Jan-07	COPPER		U	MG/KG
Y3	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
Y3	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
Y3	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
Y3	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
Y3	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
Y3	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
Y3	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
Y3	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
Y3	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
Y3	16-Jan-07	ENDRIN	0.0012	U	MG/KG
Y3	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
Y3	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
Y3	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
Y3	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
Y3	16-Jan-07	FLUORENE	0.0022	U	MG/KG
Y3	16-Jan-07	FLUORENE	0.293	U	MG/KG
Y3	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
Y3	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
Y3	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
Y3	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
Y3	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
Y3	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
Y3	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
Y3	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
Y3	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
Y3	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
Y3	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
Y3	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
Y3	16-Jan-07	IRON		=	MG/KG
Y3	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
Y3	16-Jan-07	LEAD		J	MG/KG
Y3	16-Jan-07	MAGNESIUM		=	MG/KG
Y3	16-Jan-07	MANGANESE		=	MG/KG
Y3	16-Jan-07	MERCURY		J	MG/KG
Y3	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
Y3	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
Y3	16-Jan-07	MOLYBDENUM		U	MG/KG
Y3	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
Y3	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
Y3	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
Y3	16-Jan-07	NICKEL		U	MG/KG
Y3	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
Y3	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
Y3	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
Y3	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
Y3	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
Y3	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
Y3	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
Y3	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
Y3	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
Y3	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
Y3	16-Jan-07	pH		=	PH
Y3	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
Y3	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
Y3	16-Jan-07	PHENOL	1.46	U	MG/KG
Y3	16-Jan-07	POTASSIUM		J	MG/KG
Y3	16-Jan-07	PYRENE	0.293	U	MG/KG
Y3	16-Jan-07	SELENIUM		U	MG/KG
Y3	16-Jan-07	SILVER		U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
Y3	16-Jan-07	SODIUM		JB	MG/KG
Y3	16-Jan-07	STYRENE	0.002	U	MG/KG
Y3	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
Y3	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
Y3	16-Jan-07	THALLIUM		U	MG/KG
Y3	16-Jan-07	VANADIUM		=	MG/KG
Y3	16-Jan-07	ZINC		U	MG/KG
Y4	20-Sep-06	LEAD		J	MG/KG
Y4	20-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
Y5	20-Sep-06	LEAD		U	MG/KG
Y5	20-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
Y6	20-Sep-06	LEAD		U	MG/KG
Y6	20-Sep-06	PCB-1260 (AROCHLOR 1260)		U	MG/KG
Y7	20-Sep-06	LEAD		U	MG/KG
Y7	20-Sep-06	PCB-1260 (AROCHLOR 1260)		J	MG/KG
Y8	16-Jan-07	1,1,1,2-TETRACHLOROETHANE	0.002	U	MG/KG
Y8	16-Jan-07	1,1,1-TRICHLOROETHANE	0.002	U	MG/KG
Y8	16-Jan-07	1,1,2,2-TETRACHLOROETHANE	0.002	U	MG/KG
Y8	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.002	U	MG/KG
Y8	16-Jan-07	1,2,4-TRICHLOROBENZENE	0.293	U	MG/KG
Y8	16-Jan-07	1-METHYLNAPHTHALENE	0.0022	U	MG/KG
Y8	16-Jan-07	1-METHYLNAPHTHALENE	0.044	U	MG/KG
Y8	16-Jan-07	2,4,5-TRICHLOROPHENOL	0.293	U	MG/KG
Y8	16-Jan-07	2,4,6-TRICHLOROPHENOL	0.293	U	MG/KG
Y8	16-Jan-07	2,4-DIMETHYLPHENOL	0.293	U	MG/KG
Y8	16-Jan-07	2,4-DINITROPHENOL	1.47	UJ	MG/KG
Y8	16-Jan-07	2,4-DINITROTOLUENE	0.293	U	MG/KG
Y8	16-Jan-07	2,6-DINITROTOLUENE	0.293	U	MG/KG
Y8	16-Jan-07	2-METHYLNAPHTHALENE	0.0022	U	MG/KG
Y8	16-Jan-07	2-METHYLNAPHTHALENE	0.293	U	MG/KG
Y8	16-Jan-07	2-METHYLPHENOL (o-CRESOL)	0.316	U	MG/KG
Y8	16-Jan-07	2-NITROANILINE	0.293	U	MG/KG
Y8	16-Jan-07	2-NITROPHENOL	0.293	U	MG/KG
Y8	16-Jan-07	3-NITROANILINE	0.293	U	MG/KG
Y8	16-Jan-07	4,6-DINITRO-2-METHYLPHENOL	1.46	U	MG/KG
Y8	16-Jan-07	4-METHYLPHENOL (p-CRESOL)	0.293	U	MG/KG
Y8	16-Jan-07	4-NITROANILINE	0.293	U	MG/KG
Y8	16-Jan-07	4-NITROPHENOL	0.732	U	MG/KG
Y8	16-Jan-07	ACENAPHTHENE	0.0022	U	MG/KG
Y8	16-Jan-07	ACENAPHTHYLENE	0.0022	U	MG/KG
Y8	16-Jan-07	ALDRIN	0.0012	U	MG/KG
Y8	16-Jan-07	ALPHA BHC (ALPHA HEXACHLOROCYCLOHEXANE)	0.0023	U	MG/KG
Y8	16-Jan-07	ALPHA ENDOSULFAN (I)	0.0012	U	MG/KG
Y8	16-Jan-07	ALPHA-CHLORDANE	0.0012	U	MG/KG
Y8	16-Jan-07	ALUMINUM		=	MG/KG
Y8	16-Jan-07	ANTHRACENE	0.0022	U	MG/KG
Y8	16-Jan-07	BARIUM		=	MG/KG
Y8	16-Jan-07	BENZO(a)ANTHRACENE	0.0022	U	MG/KG
Y8	16-Jan-07	BENZO(a)PYRENE	0.0022	U	MG/KG
Y8	16-Jan-07	BENZO(b)FLUORANTHENE	0.0022	U	MG/KG
Y8	16-Jan-07	BENZO(g,h,i)PERYLENE	0.0022	U	MG/KG
Y8	16-Jan-07	BENZO(k)FLUORANTHENE	0.0022	U	MG/KG
Y8	16-Jan-07	BENZYL BUTYL PHTHALATE	0.293	U	MG/KG
Y8	16-Jan-07	BERYLLIUM		J	MG/KG
Y8	16-Jan-07	BETA BHC (BETA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
Y8	16-Jan-07	BETA ENDOSULFAN (II)	0.0012	U	MG/KG
Y8	16-Jan-07	BIS(2-CHLOROISOPROPYL)ETHER	0.724	U	MG/KG
Y8	16-Jan-07	BROMOFORM	0.0021	U	MG/KG
Y8	16-Jan-07	CALCIUM		J	MG/KG
Y8	16-Jan-07	CHROMIUM, TOTAL		=	MG/KG
Y8	16-Jan-07	CHRYSENE	0.0022	U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
Y8	16-Jan-07	COBALT		J	MG/KG
Y8	16-Jan-07	COPPER		U	MG/KG
Y8	16-Jan-07	DELTA BHC (DELTA HEXACHLOROCYCLOHEXANE)	0.0012	U	MG/KG
Y8	16-Jan-07	DIBENZ(a,h)ANTHRACENE	0.0022	U	MG/KG
Y8	16-Jan-07	DICHLOROPROP	0.0067	U	MG/KG
Y8	16-Jan-07	DIELDRIN	0.0012	U	MG/KG
Y8	16-Jan-07	DIETHYL PHTHALATE	0.293	U	MG/KG
Y8	16-Jan-07	DIMETHYL PHTHALATE	0.293	U	MG/KG
Y8	16-Jan-07	DI-n-BUTYL PHTHALATE	0.293	U	MG/KG
Y8	16-Jan-07	DI-n-OCTYLPHTHALATE	0.293	U	MG/KG
Y8	16-Jan-07	ENDOSULFAN SULFATE	0.0012	U	MG/KG
Y8	16-Jan-07	ENDRIN	0.0012	U	MG/KG
Y8	16-Jan-07	ENDRIN ALDEHYDE	0.0012	U	MG/KG
Y8	16-Jan-07	ENDRIN KETONE	0.0012	U	MG/KG
Y8	16-Jan-07	FLUORANTHENE	0.0022	U	MG/KG
Y8	16-Jan-07	FLUORANTHENE	0.293	U	MG/KG
Y8	16-Jan-07	FLUORENE	0.0022	U	MG/KG
Y8	16-Jan-07	FLUORENE	0.293	U	MG/KG
Y8	16-Jan-07	GAMMA BHC (LINDANE)	0.0012	U	MG/KG
Y8	16-Jan-07	GAMMA-CHLORDANE	0.0012	U	MG/KG
Y8	16-Jan-07	HEPTACHLOR	0.0012	U	MG/KG
Y8	16-Jan-07	HEPTACHLOR EPOXIDE	0.0012	U	MG/KG
Y8	16-Jan-07	HEXACHLOROBENZENE	0.0022	U	MG/KG
Y8	16-Jan-07	HEXACHLOROBENZENE	0.293	U	MG/KG
Y8	16-Jan-07	HEXACHLOROBUTADIENE	0.0022	U	MG/KG
Y8	16-Jan-07	HEXACHLOROBUTADIENE	0.293	U	MG/KG
Y8	16-Jan-07	HEXACHLOROETHANE	0.0022	U	MG/KG
Y8	16-Jan-07	HEXACHLOROETHANE	0.296	U	MG/KG
Y8	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.0022	U	MG/KG
Y8	16-Jan-07	INDENO(1,2,3-c,d)PYRENE	0.293	U	MG/KG
Y8	16-Jan-07	IRON		=	MG/KG
Y8	16-Jan-07	ISOPHORONE	0.293	U	MG/KG
Y8	16-Jan-07	LEAD		J	MG/KG
Y8	16-Jan-07	MAGNESIUM		=	MG/KG
Y8	16-Jan-07	MANGANESE		=	MG/KG
Y8	16-Jan-07	MERCURY		J	MG/KG
Y8	16-Jan-07	METHOXYCHLOR	0.0012	U	MG/KG
Y8	16-Jan-07	METHYLENE CHLORIDE	0.0016	J	MG/KG
Y8	16-Jan-07	MOLYBDENUM		U	MG/KG
Y8	16-Jan-07	NAPHTHALENE	0.002	U	MG/KG
Y8	16-Jan-07	NAPHTHALENE	0.0022	U	MG/KG
Y8	16-Jan-07	NAPHTHALENE	0.293	U	MG/KG
Y8	16-Jan-07	NICKEL		U	MG/KG
Y8	16-Jan-07	NITROBENZENE	0.293	U	MG/KG
Y8	16-Jan-07	N-NITROSODIMETHYLAMINE	0.293	U	MG/KG
Y8	16-Jan-07	N-NITROSODI-n-PROPYLAMINE	0.293	U	MG/KG
Y8	16-Jan-07	N-NITROSODIPHENYLAMINE	0.293	U	MG/KG
Y8	16-Jan-07	n-PROPYLBENZENE	0.002	U	MG/KG
Y8	16-Jan-07	p,p'-DDD	0.0012	U	MG/KG
Y8	16-Jan-07	p,p'-DDE	0.0012	U	MG/KG
Y8	16-Jan-07	p,p'-DDT	0.0012	U	MG/KG
Y8	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG
Y8	16-Jan-07	PENTACHLOROPHENOL	1.46	U	MG/KG
Y8	16-Jan-07	pH		=	PH
Y8	16-Jan-07	PHENANTHRENE	0.293	U	MG/KG
Y8	16-Jan-07	PHENANTHRENE	0.0022	U	MG/KG
Y8	16-Jan-07	PHENOL	1.46	U	MG/KG
Y8	16-Jan-07	POTASSIUM		J	MG/KG
Y8	16-Jan-07	PYRENE	0.293	U	MG/KG
Y8	16-Jan-07	SELENIUM		U	MG/KG
Y8	16-Jan-07	SILVER		U	MG/KG

TABLE A-6
Analytical Data
Exposure Unit 3 Depth Interval 0.5 to 2 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
Y8	16-Jan-07	SODIUM		JB	MG/KG
Y8	16-Jan-07	STYRENE	0.002	U	MG/KG
Y8	16-Jan-07	t-BUTYL METHYL ETHER	0.002	U	MG/KG
Y8	16-Jan-07	TETRACHLOROETHYLENE(PCE)	0.002	U	MG/KG
Y8	16-Jan-07	THALLIUM	3.5	U	MG/KG
Y8	16-Jan-07	VANADIUM	4.05	=	MG/KG
Y8	16-Jan-07	ZINC	3.5	U	MG/KG
Y9	20-Sep-06	LEAD	57.4	U	MG/KG
Y9	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	MG/KG
G1	16-Jan-07	BEQ	0.0025	U	MG/KG
G10	16-Jan-07	BEQ	0.0025	U	MG/KG
G2	16-Jan-07	BEQ	0.0025	U	MG/KG
Q5	16-Jan-07	BEQ	0.0025	U	MG/KG
Q7	16-Jan-07	BEQ	0.0025	U	MG/KG
Q8	16-Jan-07	BEQ	0.0025	U	MG/KG
X1	16-Jan-07	BEQ	0.0025	U	MG/KG
X10	16-Jan-07	BEQ	0.0025	U	MG/KG
X3	16-Jan-07	BEQ	0.0025	U	MG/KG
X4	16-Jan-07	BEQ	0.0025	U	MG/KG
X5	16-Jan-07	BEQ	0.0025	U	MG/KG
X9	16-Jan-07	BEQ	0.0025	U	MG/KG
Y3	16-Jan-07	BEQ	0.0025	U	MG/KG
Y8	16-Jan-07	BEQ	0.0025	U	MG/KG
H1	03-Nov-09	BEQ	0.07	=	MG/KG
H4	03-Nov-09	BEQ	0.02	=	MG/KG
H5	03-Nov-09	BEQ	0.02	=	MG/KG
I1	03-Nov-09	BEQ	0.1	=	MG/KG
I2	03-Nov-09	BEQ	0.43	=	MG/KG
I3	03-Nov-09	BEQ	0.15	=	MG/KG
I4	03-Nov-09	BEQ	0.01	=	MG/KG
I5	03-Nov-09	BEQ	0.34	=	MG/KG
J1	03-Nov-09	BEQ	0.13	=	MG/KG
J2	03-Nov-09	BEQ	0.43	=	MG/KG
J3	03-Nov-09	BEQ	0.04	=	MG/KG
J4	03-Nov-09	BEQ	0.03	=	MG/KG
J5	03-Nov-09	BEQ	0.02	=	MG/KG
SB02A	24-Jul-09	BEQ	0.21	=	MG/KG
SB02E	24-Jul-09	BEQ	0.03	=	MG/KG
SB02N	24-Jul-09	BEQ	12.86	=	MG/KG
SB02N2	24-Jul-09	BEQ	0.09	=	MG/KG
SB02W	24-Jul-09	BEQ	0.02	=	MG/KG

TABLE A-7
Analytical Data
Exposure Unit 1 Depth Interval 2 to 4 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
SB07A	24-Jul-09	Aroclor-1254	0.024	U	MG/KG
SB07A	24-Jul-09	Aroclor-1016	0.024	U	MG/KG
SB07A	24-Jul-09	Aroclor-1221	0.024	U	MG/KG
SB07A	24-Jul-09	Aroclor-1248	0.027	U	MG/KG
SB07A	24-Jul-09	Aroclor-1260	0.024	U	MG/KG
SB07A	24-Jul-09	Aroclor-1242	0.024	U	MG/KG
SB07A	24-Jul-09	Aroclor-1232	0.048	U	MG/KG
SB07W	24-Jul-09	Aroclor-1232	0.055	U	MG/KG
SB07W	24-Jul-09	Aroclor-1260	0.081	=	MG/KG
SB07W	24-Jul-09	Aroclor-1016	0.028	U	MG/KG
SB07W	24-Jul-09	Aroclor-1268	0.028	U	MG/KG
SB07W	24-Jul-09	Aroclor-1248	0.03	U	MG/KG
SB07W	24-Jul-09	Aroclor-1242	0.028	U	MG/KG
SB07W	24-Jul-09	Aroclor-1254	0.028	U	MG/KG
SB07W	24-Jul-09	Aroclor-1262	0.028	U	MG/KG
SB07W	24-Jul-09	Aroclor-1221	0.028	U	MG/KG
SB09A	24-Jul-09	Acenaphthene	0.0081	U	MG/KG
SB09A	24-Jul-09	2-Methylnaphthalene	0.0085	U	MG/KG
SB09A	24-Jul-09	Fluoranthene	0.013	=	MG/KG
SB09A	24-Jul-09	Benzo(a)pyrene	0.012	=	MG/KG
SB09A	24-Jul-09	Benzo(g,h,i)perylene	0.016	=	MG/KG
SB09A	24-Jul-09	Indeno(1,2,3-cd)pyrene	0.009	=	MG/KG
SB09A	24-Jul-09	Naphthalene	0.0081	U	MG/KG
SB09A	24-Jul-09	Phenanthrene	0.0069	J	MG/KG
SB09A	24-Jul-09	1-Methylnaphthalene	0.0081	U	MG/KG
SB09A	24-Jul-09	Dibenz(a,h)anthracene	0.0081	U	MG/KG
SB09A	24-Jul-09	Fluorene	0.0081	U	MG/KG
SB09A	24-Jul-09	Anthracene	0.0094	U	MG/KG
SB09A	24-Jul-09	Pyrene	0.0089	=	MG/KG
SB09A	24-Jul-09	Benzo(a)anthracene	0.0092	=	MG/KG
SB09A	24-Jul-09	Chrysene	0.0025	J	MG/KG
SB09A	24-Jul-09	Benzo(b)fluoranthene	0.0093	=	MG/KG
SB09A	24-Jul-09	Benzo(k)fluoranthene	0.0036	J	MG/KG
SB09A	24-Jul-09	Acenaphthylene	0.0092	U	MG/KG
SB09E	24-Jul-09	Fluoranthene	0.22	=	MG/KG
SB09E	24-Jul-09	Acenaphthene	0.017	=	MG/KG
SB09E	24-Jul-09	Benzo(g,h,i)perylene	0.14	=	MG/KG
SB09E	24-Jul-09	Benzo(a)pyrene	0.15	=	MG/KG
SB09E	24-Jul-09	Benzo(b)fluoranthene	0.12	=	MG/KG
SB09E	24-Jul-09	Benzo(a)anthracene	0.1	=	MG/KG
SB09E	24-Jul-09	Pyrene	0.19	=	MG/KG
SB09E	24-Jul-09	Phenanthrene	0.13	=	MG/KG
SB09E	24-Jul-09	Fluorene	0.014	=	MG/KG
SB09E	24-Jul-09	Chrysene	0.12	=	MG/KG
SB09E	24-Jul-09	1-Methylnaphthalene	0.0083	U	MG/KG
SB09E	24-Jul-09	2-Methylnaphthalene	0.0087	U	MG/KG
SB09E	24-Jul-09	Acenaphthylene	0.0095	U	MG/KG
SB09E	24-Jul-09	Anthracene	0.028	=	MG/KG
SB09E	24-Jul-09	Naphthalene	0.0083	U	MG/KG
SB09E	24-Jul-09	Indeno(1,2,3-cd)pyrene	0.084	=	MG/KG
SB09E	24-Jul-09	Dibenz(a,h)anthracene	0.024	=	MG/KG
SB09E	24-Jul-09	Benzo(k)fluoranthene	0.042	=	MG/KG
SB09E	24-Jul-09	Benzo(a)pyrene	0.019	=	MG/KG
SB09E	24-Jul-09	2-Methylnaphthalene	0.0085	U	MG/KG
SB09E	24-Jul-09	Acenaphthene	0.0081	U	MG/KG
SB09E	24-Jul-09	Dibenz(a,h)anthracene	0.0081	U	MG/KG
SB09E	24-Jul-09	Fluorene	0.0081	U	MG/KG
SB09E	24-Jul-09	Phenanthrene	0.0081	U	MG/KG
SB09E	24-Jul-09	1-Methylnaphthalene	0.0081	U	MG/KG
SB09E	24-Jul-09	Anthracene	0.0094	U	MG/KG
SB09E	24-Jul-09	Benzo(b)fluoranthene	0.019	=	MG/KG

TABLE A-7
Analytical Data
Exposure Unit 1 Depth Interval 2 to 4 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
SB09E	24-Jul-09	Benzo(g,h,i)perylene	0.029	=	MG/KG
SB09E	24-Jul-09	Acenaphthylene	0.0092	U	MG/KG
SB09E	24-Jul-09	Fluoranthene	0.012	=	MG/KG
SB09E	24-Jul-09	Pyrene	0.0078	J	MG/KG
SB09E	24-Jul-09	Benzo(a)anthracene	0.0059	J	MG/KG
SB09E	24-Jul-09	Benzo(k)fluoranthene	0.0054	J	MG/KG
SB09E	24-Jul-09	Naphthalene	0.0081	U	MG/KG
SB09E	24-Jul-09	Indeno(1,2,3-cd)pyrene	0.016	=	MG/KG
SB09E	24-Jul-09	Chrysene	0.012	=	MG/KG
SB09N	24-Jul-09	Benzo(a)anthracene	0.0052	J	MG/KG
SB09N	24-Jul-09	Indeno(1,2,3-cd)pyrene	0.0089	=	MG/KG
SB09N	24-Jul-09	Acenaphthene	0.0082	U	MG/KG
SB09N	24-Jul-09	2-Methylnaphthalene	0.0086	U	MG/KG
SB09N	24-Jul-09	1-Methylnaphthalene	0.0082	U	MG/KG
SB09N	24-Jul-09	Naphthalene	0.0082	U	MG/KG
SB09N	24-Jul-09	Benzo(b)fluoranthene	0.012	=	MG/KG
SB09N	24-Jul-09	Dibenz(a,h)anthracene	0.0082	U	MG/KG
SB09N	24-Jul-09	Benzo(a)pyrene	0.0096	=	MG/KG
SB09N	24-Jul-09	Chrysene	0.0072	J	MG/KG
SB09N	24-Jul-09	Benzo(g,h,i)perylene	0.014	=	MG/KG
SB09N	24-Jul-09	Pyrene	0.009	=	MG/KG
SB09N	24-Jul-09	Fluoranthene	0.012	=	MG/KG
SB09N	24-Jul-09	Phenanthrene	0.0081	J	MG/KG
SB09N	24-Jul-09	Anthracene	0.0096	U	MG/KG
SB09N	24-Jul-09	Fluorene	0.0082	U	MG/KG
SB09N	24-Jul-09	Benzo(k)fluoranthene	0.0033	J	MG/KG
SB09N	24-Jul-09	Acenaphthylene	0.0094	U	MG/KG
SB09S	24-Jul-09	Pyrene	0.0043	J	MG/KG
SB09S	24-Jul-09	Naphthalene	0.012	=	MG/KG
SB09S	24-Jul-09	Dibenz(a,h)anthracene	0.0031	J	MG/KG
SB09S	24-Jul-09	Benzo(k)fluoranthene	0.0046	J	MG/KG
SB09S	24-Jul-09	Chrysene	0.0086	=	MG/KG
SB09S	24-Jul-09	Benzo(a)anthracene	0.0035	J	MG/KG
SB09S	24-Jul-09	1-Methylnaphthalene	0.015	=	MG/KG
SB09S	24-Jul-09	Fluoranthene	0.0088	J	MG/KG
SB09S	24-Jul-09	Acenaphthylene	0.0092	U	MG/KG
SB09S	24-Jul-09	Fluorene	0.008	U	MG/KG
SB09S	24-Jul-09	Anthracene	0.0094	U	MG/KG
SB09S	24-Jul-09	Acenaphthene	0.008	U	MG/KG
SB09S	24-Jul-09	Benzo(b)fluoranthene	0.017	=	MG/KG
SB09S	24-Jul-09	Benzo(a)pyrene	0.017	=	MG/KG
SB09S	24-Jul-09	Benzo(g,h,i)perylene	0.024	=	MG/KG
SB09S	24-Jul-09	Indeno(1,2,3-cd)pyrene	0.014	=	MG/KG
SB09S	24-Jul-09	Phenanthrene	0.0032	J	MG/KG
SB09S	24-Jul-09	2-Methylnaphthalene	0.018	=	MG/KG
SB09W	24-Jul-09	2-Methylnaphthalene	0.0081	U	MG/KG
SB09W	24-Jul-09	Dibenz(a,h)anthracene	0.0077	U	MG/KG
SB09W	24-Jul-09	Pyrene	0.01	=	MG/KG
SB09W	24-Jul-09	Chrysene	0.0087	=	MG/KG
SB09W	24-Jul-09	Benzo(a)anthracene	0.0065	J	MG/KG
SB09W	24-Jul-09	Phenanthrene	0.0092	=	MG/KG
SB09W	24-Jul-09	Fluorene	0.0077	U	MG/KG
SB09W	24-Jul-09	Acenaphthene	0.0077	U	MG/KG
SB09W	24-Jul-09	Benzo(k)fluoranthene	0.0048	J	MG/KG
SB09W	24-Jul-09	1-Methylnaphthalene	0.0077	U	MG/KG
SB09W	24-Jul-09	Acenaphthylene	0.0088	U	MG/KG
SB09W	24-Jul-09	Naphthalene	0.0027	J	MG/KG
SB09W	24-Jul-09	Benzo(g,h,i)perylene	0.016	=	MG/KG
SB09W	24-Jul-09	Benzo(a)pyrene	0.011	=	MG/KG
SB09W	24-Jul-09	Benzo(b)fluoranthene	0.012	=	MG/KG
SB09W	24-Jul-09	Fluoranthene	0.014	=	MG/KG

TABLE A-7
Analytical Data
Exposure Unit 1 Depth Interval 2 to 4 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
SB09W	24-Jul-09	Indeno(1,2,3-cd)pyrene	0.01	=	MG/KG
SB09W	24-Jul-09	Anthracene	0.009	U	MG/KG
A2	5-Nov-09	Benzo(k)fluoranthene	0.034	=	MG/KG
A2	5-Nov-09	Dibenz(a,h)anthracene	0.013	=	MG/KG
A2	5-Nov-09	2-Methylnaphthalene	0.01	=	MG/KG
A2	5-Nov-09	Fluoranthene	0.045	=	MG/KG
A2	5-Nov-09	Indeno(1,2,3-cd)pyrene	0.045	=	MG/KG
A2	5-Nov-09	Naphthalene	0.013	=	MG/KG
A2	5-Nov-09	Phenanthrene	0.018	=	MG/KG
A2	5-Nov-09	Benzo(a)pyrene	0.067	=	MG/KG
A2	5-Nov-09	Benzo(a)anthracene	0.038	=	MG/KG
A2	5-Nov-09	Chrysene	0.055	=	MG/KG
A2	5-Nov-09	Benzo(b)fluoranthene	0.11	=	MG/KG
A2	5-Nov-09	Benzo(g,h,i)perylene	0.043	=	MG/KG
A2	5-Nov-09	1-Methylnaphthalene	0.0065	=	MG/KG
A2	5-Nov-09	Acenaphthene	0.0036	U	MG/KG
A2	5-Nov-09	Acenaphthylene	0.0077	=	MG/KG
A2	5-Nov-09	Fluorene	0.0036	U	MG/KG
A2	5-Nov-09	Pyrene	0.044	=	MG/KG
A2	5-Nov-09	Anthracene	0.0045	=	MG/KG
B1	5-Nov-09	Benzo(g,h,i)perylene	0.0089	=	MG/KG
B1	5-Nov-09	Pyrene	0.0077	=	MG/KG
B1	5-Nov-09	Benzo(a)pyrene	0.012	=	MG/KG
B1	5-Nov-09	Benzo(b)fluoranthene	0.02	=	MG/KG
B1	5-Nov-09	2-Methylnaphthalene	0.0035	U	MG/KG
B1	5-Nov-09	Acenaphthene	0.0035	U	MG/KG
B1	5-Nov-09	Acenaphthylene	0.0018	J	MG/KG
B1	5-Nov-09	Anthracene	0.0015	J	MG/KG
B1	5-Nov-09	Benzo(a)anthracene	0.0045	=	MG/KG
B1	5-Nov-09	1-Methylnaphthalene	0.0035	U	MG/KG
B1	5-Nov-09	Benzo(k)fluoranthene	0.0063	=	MG/KG
B1	5-Nov-09	Chrysene	0.0075	=	MG/KG
B1	5-Nov-09	Dibenz(a,h)anthracene	0.0026	J	MG/KG
B1	5-Nov-09	Fluoranthene	0.0084	=	MG/KG
B1	5-Nov-09	Fluorene	0.0035	U	MG/KG
B1	5-Nov-09	Indeno(1,2,3-cd)pyrene	0.0086	=	MG/KG
B1	5-Nov-09	Phenanthrene	0.0052	=	MG/KG
B1	5-Nov-09	Naphthalene	0.0035	U	MG/KG
B2	5-Nov-09	Dibenz(a,h)anthracene	0.0029	J	MG/KG
B2	5-Nov-09	Indeno(1,2,3-cd)pyrene	0.0094	=	MG/KG
B2	5-Nov-09	Fluorene	0.0033	U	MG/KG
B2	5-Nov-09	Anthracene	0.0033	U	MG/KG
B2	5-Nov-09	Fluoranthene	0.0035	=	MG/KG
B2	5-Nov-09	Naphthalene	0.0033	U	MG/KG
B2	5-Nov-09	Phenanthrene	0.0012	J	MG/KG
B2	5-Nov-09	Acenaphthene	0.0033	U	MG/KG
B2	5-Nov-09	2-Methylnaphthalene	0.0033	U	MG/KG
B2	5-Nov-09	Chrysene	0.0063	=	MG/KG
B2	5-Nov-09	Benzo(k)fluoranthene	0.007	=	MG/KG
B2	5-Nov-09	Benzo(g,h,i)perylene	0.011	=	MG/KG
B2	5-Nov-09	Benzo(b)fluoranthene	0.022	=	MG/KG
B2	5-Nov-09	Benzo(a)pyrene	0.012	=	MG/KG
B2	5-Nov-09	Benzo(a)anthracene	0.003	J	MG/KG
B2	5-Nov-09	Acenaphthylene	0.002	J	MG/KG
B2	5-Nov-09	Pyrene	0.0038	=	MG/KG
B2	5-Nov-09	1-Methylnaphthalene	0.0033	U	MG/KG
C1	5-Nov-09	Phenanthrene	0.0039	=	MG/KG
C1	5-Nov-09	Benzo(a)anthracene	0.011	=	MG/KG
C1	5-Nov-09	Benzo(g,h,i)perylene	0.039	=	MG/KG
C1	5-Nov-09	Chrysene	0.023	=	MG/KG
C1	5-Nov-09	Dibenz(a,h)anthracene	0.011	=	MG/KG

TABLE A-7
Analytical Data
Exposure Unit 1 Depth Interval 2 to 4 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
C1	5-Nov-09	Fluoranthene	0.012	=	MG/KG
C1	5-Nov-09	Fluorene	0.0036	U	MG/KG
C1	5-Nov-09	Naphthalene	0.003	J	MG/KG
C1	5-Nov-09	Benzo(a)pyrene	0.041	=	MG/KG
C1	5-Nov-09	Pyrene	0.015	=	MG/KG
C1	5-Nov-09	Benzo(b)fluoranthene	0.093	=	MG/KG
C1	5-Nov-09	1-Methylnaphthalene	0.0036	U	MG/KG
C1	5-Nov-09	2-Methylnaphthalene	0.0014	J	MG/KG
C1	5-Nov-09	Indeno(1,2,3-cd)pyrene	0.042	=	MG/KG
C1	5-Nov-09	Anthracene	0.0023	J	MG/KG
C1	5-Nov-09	Acenaphthene	0.0036	U	MG/KG
C1	5-Nov-09	Acenaphthylene	0.0061	=	MG/KG
C1	5-Nov-09	Benzo(k)fluoranthene	0.024	=	MG/KG
C2	5-Nov-09	Dibenz(a,h)anthracene	0.0026	J	MG/KG
C2	5-Nov-09	Phenanthrene	0.0035	U	MG/KG
C2	5-Nov-09	Naphthalene	0.0035	U	MG/KG
C2	5-Nov-09	Benzo(a)anthracene	0.0031	J	MG/KG
C2	5-Nov-09	Benzo(a)pyrene	0.012	=	MG/KG
C2	5-Nov-09	Benzo(b)fluoranthene	0.021	=	MG/KG
C2	5-Nov-09	1-Methylnaphthalene	0.0035	U	MG/KG
C2	5-Nov-09	2-Methylnaphthalene	0.0035	U	MG/KG
C2	5-Nov-09	Acenaphthene	0.0035	U	MG/KG
C2	5-Nov-09	Fluorene	0.0035	U	MG/KG
C2	5-Nov-09	Anthracene	0.0035	U	MG/KG
C2	5-Nov-09	Benzo(g,h,i)perylene	0.0096	=	MG/KG
C2	5-Nov-09	Benzo(k)fluoranthene	0.0068	=	MG/KG
C2	5-Nov-09	Chrysene	0.0074	=	MG/KG
C2	5-Nov-09	Pyrene	0.0045	=	MG/KG
C2	5-Nov-09	Fluoranthene	0.0042	=	MG/KG
C2	5-Nov-09	Indeno(1,2,3-cd)pyrene	0.0092	=	MG/KG
C2	5-Nov-09	Acenaphthylene	0.0021	J	MG/KG
D3	5-Nov-09	Fluoranthene	0.071	=	MG/KG
D3	5-Nov-09	Dibenz(a,h)anthracene	0.015	=	MG/KG
D3	5-Nov-09	Naphthalene	0.0078	=	MG/KG
D3	5-Nov-09	Acenaphthene	0.0017	J	MG/KG
D3	5-Nov-09	2-Methylnaphthalene	0.0026	J	MG/KG
D3	5-Nov-09	1-Methylnaphthalene	0.0041	U	MG/KG
D3	5-Nov-09	Pyrene	0.062	=	MG/KG
D3	5-Nov-09	Benzo(a)anthracene	0.037	=	MG/KG
D3	5-Nov-09	Benzo(g,h,i)perylene	0.053	J	MG/KG
D3	5-Nov-09	Phenanthrene	0.031	=	MG/KG
D3	5-Nov-09	Acenaphthylene	0.01	=	MG/KG
D3	5-Nov-09	Fluorene	0.002	J	MG/KG
D3	5-Nov-09	Benzo(b)fluoranthene	0.12	=	MG/KG
D3	5-Nov-09	Indeno(1,2,3-cd)pyrene	0.041	=	MG/KG
D3	5-Nov-09	Benzo(k)fluoranthene	0.044	=	MG/KG
D3	5-Nov-09	Chrysene	0.064	=	MG/KG
D3	5-Nov-09	Benzo(a)pyrene	0.08	=	MG/KG
D3	5-Nov-09	Anthracene	0.008	=	MG/KG

TABLE A-8
Analytical Data
Exposure Unit 2 Depth Interval 2 to 4 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
E1	4-Nov-09	Aroclor-1221	0.024	U	MG/KG
E1	4-Nov-09	Aroclor-1254	0.024	U	MG/KG
E1	4-Nov-09	Aroclor-1248	0.027	U	MG/KG
E1	4-Nov-09	Aroclor-1260	0.0092	B	MG/KG
E1	4-Nov-09	Aroclor-1232	0.048	U	MG/KG
E1	4-Nov-09	Aroclor-1016	0.024	U	MG/KG
E1	4-Nov-09	Aroclor-1242	0.024	U	MG/KG
E2	4-Nov-09	Aroclor-1016	0.027	U	MG/KG
E2	4-Nov-09	Aroclor-1221	0.027	U	MG/KG
E2	4-Nov-09	Aroclor-1248	0.029	U	MG/KG
E2	4-Nov-09	Aroclor-1242	0.027	U	MG/KG
E2	4-Nov-09	Aroclor-1232	0.053	U	MG/KG
E2	4-Nov-09	Aroclor-1254	0.027	U	MG/KG
E2	4-Nov-09	Aroclor-1260	0.22	B	MG/KG
E4	5-Nov-09	Anthracene	0.017	=	MG/KG
E4	5-Nov-09	Pyrene	0.057	=	MG/KG
E4	5-Nov-09	Fluoranthene	0.074	=	MG/KG
E4	5-Nov-09	Benzo(b)fluoranthene	0.055	=	MG/KG
E4	5-Nov-09	Indeno(1,2,3-cd)pyrene	0.026	=	MG/KG
E4	5-Nov-09	Fluorene	0.014	=	MG/KG
E4	5-Nov-09	Chrysene	0.028	=	MG/KG
E4	5-Nov-09	Benzo(k)fluoranthene	0.018	=	MG/KG
E4	5-Nov-09	1-Methylnaphthalene	0.0055	=	MG/KG
E4	5-Nov-09	Naphthalene	0.1	=	MG/KG
E4	5-Nov-09	Benzo(a)anthracene	0.038	=	MG/KG
E4	5-Nov-09	Acenaphthene	0.016	=	MG/KG
E4	5-Nov-09	Benzo(a)pyrene	0.036	=	MG/KG
E4	5-Nov-09	Benzo(g,h,i)perylene	0.033	=	MG/KG
E4	5-Nov-09	2-Methylnaphthalene	0.01	=	MG/KG
E4	5-Nov-09	Phenanthrene	0.083	=	MG/KG
E4	5-Nov-09	Dibenz(a,h)anthracene	0.0082	=	MG/KG
E4	5-Nov-09	Acenaphthylene	0.0033	J	MG/KG
F2	4-Nov-09	Phenanthrene	0.005	=	MG/KG
F2	4-Nov-09	Benzo(k)fluoranthene	0.018	=	MG/KG
F2	4-Nov-09	Chrysene	0.022	=	MG/KG
F2	4-Nov-09	Indeno(1,2,3-cd)pyrene	0.026	=	MG/KG
F2	4-Nov-09	Pyrene	0.015	=	MG/KG
F2	4-Nov-09	Benzo(b)fluoranthene	0.046	J	MG/KG
F2	4-Nov-09	Fluoranthene	0.014	=	MG/KG
F2	4-Nov-09	2-Methylnaphthalene	0.0018	J	MG/KG
F2	4-Nov-09	Acenaphthene	0.0038	U	MG/KG
F2	4-Nov-09	Acenaphthylene	0.0044	=	MG/KG
F2	4-Nov-09	Anthracene	0.0021	J	MG/KG
F2	4-Nov-09	Benzo(a)pyrene	0.033	=	MG/KG
F2	4-Nov-09	Benzo(a)anthracene	0.012	=	MG/KG
F2	4-Nov-09	Benzo(g,h,i)perylene	0.03	=	MG/KG
F2	4-Nov-09	Naphthalene	0.0034	J	MG/KG
F2	4-Nov-09	1-Methylnaphthalene	0.0038	U	MG/KG
F2	4-Nov-09	Fluorene	0.0038	U	MG/KG
F2	4-Nov-09	Dibenz(a,h)anthracene	0.0082	=	MG/KG
F3	4-Nov-09	Aroclor-1232	0.049	U	MG/KG
F3	4-Nov-09	Acenaphthylene	0.014	J	MG/KG
F3	4-Nov-09	Pyrene	0.067	=	MG/KG
F3	4-Nov-09	Phenanthrene	0.032	J	MG/KG
F3	4-Nov-09	Naphthalene	0.035	U	MG/KG
F3	4-Nov-09	Fluorene	0.035	U	MG/KG
F3	4-Nov-09	Fluoranthene	0.072	=	MG/KG
F3	4-Nov-09	Dibenz(a,h)anthracene	0.028	J	MG/KG
F3	4-Nov-09	Aroclor-1254	0.025	U	MG/KG
F3	4-Nov-09	Aroclor-1260	0.12	B	MG/KG
F3	4-Nov-09	Aroclor-1242	0.025	U	MG/KG

TABLE A-8
Analytical Data
Exposure Unit 2 Depth Interval 2 to 4 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
F3	4-Nov-09	Benzo(a)pyrene	0.11	=	MG/KG
F3	4-Nov-09	Aroclor-1221	0.025	U	MG/KG
F3	4-Nov-09	Benzo(k)fluoranthene	0.064	=	MG/KG
F3	4-Nov-09	Benzo(a)anthracene	0.063	=	MG/KG
F3	4-Nov-09	Anthracene	0.014	J	MG/KG
F3	4-Nov-09	Chrysene	0.06	=	MG/KG
F3	4-Nov-09	Indeno(1,2,3-cd)pyrene	0.11	=	MG/KG
F3	4-Nov-09	1-Methylnaphthalene	0.035	U	MG/KG
F3	4-Nov-09	2-Methylnaphthalene	0.035	U	MG/KG
F3	4-Nov-09	Acenaphthene	0.035	U	MG/KG
F3	4-Nov-09	Aroclor-1248	0.027	U	MG/KG
F3	4-Nov-09	Benzo(b)fluoranthene	0.17	=	MG/KG
F3	4-Nov-09	Benzo(g,h,i)perylene	0.12	=	MG/KG
F3	4-Nov-09	Aroclor-1016	0.025	U	MG/KG
F5	4-Nov-09	Benzo(a)pyrene	0.041	=	MG/KG
F5	4-Nov-09	Naphthalene	0.0065	=	MG/KG
F5	4-Nov-09	Fluorene	0.0036	U	MG/KG
F5	4-Nov-09	Dibenz(a,h)anthracene	0.0072	=	MG/KG
F5	4-Nov-09	Fluoranthene	0.038	=	MG/KG
F5	4-Nov-09	Benzo(g,h,i)perylene	0.031	=	MG/KG
F5	4-Nov-09	Benzo(a)anthracene	0.024	=	MG/KG
F5	4-Nov-09	Benzo(k)fluoranthene	0.027	=	MG/KG
F5	4-Nov-09	Chrysene	0.039	=	MG/KG
F5	4-Nov-09	Indeno(1,2,3-cd)pyrene	0.018	=	MG/KG
F5	4-Nov-09	Anthracene	0.0038	=	MG/KG
F5	4-Nov-09	Benzo(b)fluoranthene	0.062	=	MG/KG
F5	4-Nov-09	Pyrene	0.031	=	MG/KG
F5	4-Nov-09	Phenanthrene	0.012	=	MG/KG
F5	4-Nov-09	2-Methylnaphthalene	0.0023	J	MG/KG
F5	4-Nov-09	Acenaphthene	0.0036	U	MG/KG
F5	4-Nov-09	Acenaphthylene	0.0059	=	MG/KG
F5	4-Nov-09	1-Methylnaphthalene	0.0015	J	MG/KG
G5	4-Nov-09	Dibenz(a,h)anthracene	0.0027	J	MG/KG
G5	4-Nov-09	Benzo(a)anthracene	0.01	=	MG/KG
G5	4-Nov-09	Benzo(a)pyrene	0.015	=	MG/KG
G5	4-Nov-09	Benzo(b)fluoranthene	0.026	=	MG/KG
G5	4-Nov-09	Chrysene	0.014	=	MG/KG
G5	4-Nov-09	Indeno(1,2,3-cd)pyrene	0.0087	=	MG/KG
G5	4-Nov-09	Acenaphthene	0.0036	U	MG/KG
G5	4-Nov-09	Fluoranthene	0.016	=	MG/KG
G5	4-Nov-09	Naphthalene	0.0036	U	MG/KG
G5	4-Nov-09	Fluorene	0.0036	U	MG/KG
G5	4-Nov-09	Benzo(k)fluoranthene	0.0081	=	MG/KG
G5	4-Nov-09	Acenaphthylene	0.0023	J	MG/KG
G5	4-Nov-09	1-Methylnaphthalene	0.0036	U	MG/KG
G5	4-Nov-09	Benzo(g,h,i)perylene	0.0096	=	MG/KG
G5	4-Nov-09	Anthracene	0.0036	U	MG/KG
G5	4-Nov-09	2-Methylnaphthalene	0.0036	U	MG/KG
G5	4-Nov-09	Phenanthrene	0.0034	J	MG/KG
G5	4-Nov-09	Pyrene	0.013	=	MG/KG

TABLE A-9
Analytical Data
Exposure Unit 3 Depth Interval 2 to 4 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
SB02A	24-Jul-09	Chrysene	0.76	J	MG/KG
SB02A	24-Jul-09	2-Methylnaphthalene	0.026	J	MG/KG
SB02A	24-Jul-09	Benzo(b)fluoranthene	1.6	J	MG/KG
SB02A	24-Jul-09	Benzo(a)pyrene	1.6	J	MG/KG
SB02A	24-Jul-09	Benzo(g,h,i)perylene	1.1	J	MG/KG
SB02A	24-Jul-09	Indeno(1,2,3-cd)pyrene	0.87	J	MG/KG
SB02A	24-Jul-09	Benzo(k)fluoranthene	0.67	J	MG/KG
SB02A	24-Jul-09	Fluoranthene	0.59	J	MG/KG
SB02A	24-Jul-09	Benzo(a)anthracene	0.29	J	MG/KG
SB02A	24-Jul-09	Pyrene	0.35	J	MG/KG
SB02A	24-Jul-09	Naphthalene	0.14	J	MG/KG
SB02A	24-Jul-09	Acenaphthylene	0.01	U	MG/KG
SB02A	24-Jul-09	Dibenz(a,h)anthracene	0.15	J	MG/KG
SB02A	24-Jul-09	Fluorene	0.0088	U	MG/KG
SB02A	24-Jul-09	1-Methylnaphthalene	0.022	J	MG/KG
SB02A	24-Jul-09	Anthracene	0.015	J	MG/KG
SB02A	24-Jul-09	Acenaphthene	0.0088	U	MG/KG
SB02A	24-Jul-09	Phenanthrene	0.024	J	MG/KG
SB02E	24-Jul-09	Acenaphthylene	0.0098	U	MG/KG
SB02E	24-Jul-09	Fluoranthene	0.0098	J	MG/KG
SB02E	24-Jul-09	Dibenz(a,h)anthracene	0.0086	U	MG/KG
SB02E	24-Jul-09	Benzo(k)fluoranthene	0.0091	=	MG/KG
SB02E	24-Jul-09	Phenanthrene	0.0048	J	MG/KG
SB02E	24-Jul-09	Fluorene	0.0086	U	MG/KG
SB02E	24-Jul-09	Acenaphthene	0.0086	U	MG/KG
SB02E	24-Jul-09	1-Methylnaphthalene	0.0086	U	MG/KG
SB02E	24-Jul-09	Indeno(1,2,3-cd)pyrene	0.016	=	MG/KG
SB02E	24-Jul-09	Benzo(g,h,i)perylene	0.028	=	MG/KG
SB02E	24-Jul-09	Chrysene	0.011	=	MG/KG
SB02E	24-Jul-09	Benzo(a)anthracene	0.009	U	MG/KG
SB02E	24-Jul-09	Pyrene	0.005	J	MG/KG
SB02E	24-Jul-09	2-Methylnaphthalene	0.009	U	MG/KG
SB02E	24-Jul-09	Benzo(a)pyrene	0.02	=	MG/KG
SB02E	24-Jul-09	Benzo(b)fluoranthene	0.02	=	MG/KG
SB02E	24-Jul-09	Anthracene	0.01	U	MG/KG
SB02E	24-Jul-09	Naphthalene	0.0086	U	MG/KG
SB02N	24-Jul-09	Benzo(g,h,i)perylene	0.0082	U	MG/KG
SB02N	24-Jul-09	Indeno(1,2,3-cd)pyrene	0.015	=	MG/KG
SB02N	24-Jul-09	Acenaphthylene	0.0094	U	MG/KG
SB02N	24-Jul-09	Acenaphthene	0.0055	J	MG/KG
SB02N	24-Jul-09	Fluoranthene	0.0097	U	MG/KG
SB02N	24-Jul-09	Pyrene	0.0082	U	MG/KG
SB02N	24-Jul-09	Benzo(a)anthracene	0.0087	U	MG/KG
SB02N	24-Jul-09	Chrysene	0.0082	U	MG/KG
SB02N	24-Jul-09	Benzo(k)fluoranthene	0.0082	U	MG/KG
SB02N	24-Jul-09	Naphthalene	0.11	=	MG/KG
SB02N	24-Jul-09	Benzo(a)pyrene	0.0094	U	MG/KG
SB02N	24-Jul-09	Dibenz(a,h)anthracene	0.0082	U	MG/KG
SB02N	24-Jul-09	Fluorene	0.016	=	MG/KG
SB02N	24-Jul-09	Anthracene	0.03	=	MG/KG
SB02N	24-Jul-09	Phenanthrene	0.12	=	MG/KG
SB02N	24-Jul-09	Benzo(b)fluoranthene	0.045	=	MG/KG
SB02N	24-Jul-09	1-Methylnaphthalene	0.33	=	MG/KG
SB02N	24-Jul-09	2-Methylnaphthalene	0.4	=	MG/KG
SB02N2	24-Jul-09	Chrysene	0.007	J	MG/KG
SB02N2	24-Jul-09	Naphthalene	0.0079	U	MG/KG
SB02N2	24-Jul-09	Dibenz(a,h)anthracene	0.0079	U	MG/KG
SB02N2	24-Jul-09	Acenaphthylene	0.009	U	MG/KG
SB02N2	24-Jul-09	Fluoranthene	0.013	=	MG/KG
SB02N2	24-Jul-09	Benzo(a)anthracene	0.004	J	MG/KG
SB02N2	24-Jul-09	Benzo(b)fluoranthene	0.019	=	MG/KG

TABLE A-9
Analytical Data
Exposure Unit 3 Depth Interval 2 to 4 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
SB02N2	24-Jul-09	Benzo(k)fluoranthene	0.013	=	MG/KG
SB02N2	24-Jul-09	Indeno(1,2,3-cd)pyrene	0.012	=	MG/KG
SB02N2	24-Jul-09	Benzo(g,h,i)perylene	0.0079	U	MG/KG
SB02N2	24-Jul-09	1-Methylnaphthalene	0.0079	U	MG/KG
SB02N2	24-Jul-09	2-Methylnaphthalene	0.0083	U	MG/KG
SB02N2	24-Jul-09	Acenaphthene	0.0079	U	MG/KG
SB02N2	24-Jul-09	Fluorene	0.0079	U	MG/KG
SB02N2	24-Jul-09	Phenanthrene	0.0043	J	MG/KG
SB02N2	24-Jul-09	Pyrene	0.0082	=	MG/KG
SB02N2	24-Jul-09	Benzo(a)pyrene	0.017	=	MG/KG
SB02N2	24-Jul-09	Anthracene	0.0093	U	MG/KG
SB02S	24-Jul-09	Dibenz(a,h)anthracene	0.0085	U	MG/KG
SB02S	24-Jul-09	Benzo(a)anthracene	0.0084	J	MG/KG
SB02S	24-Jul-09	Anthracene	0.0099	U	MG/KG
SB02S	24-Jul-09	Phenanthrene	0.0041	J	MG/KG
SB02S	24-Jul-09	Fluorene	0.0085	U	MG/KG
SB02S	24-Jul-09	2-Methylnaphthalene	0.0089	U	MG/KG
SB02S	24-Jul-09	Fluoranthene	0.021	=	MG/KG
SB02S	24-Jul-09	Acenaphthene	0.0085	U	MG/KG
SB02S	24-Jul-09	Acenaphthylene	0.0097	U	MG/KG
SB02S	24-Jul-09	Naphthalene	0.0085	U	MG/KG
SB02S	24-Jul-09	Benzo(a)pyrene	0.066	=	MG/KG
SB02S	24-Jul-09	1-Methylnaphthalene	0.0085	U	MG/KG
SB02S	24-Jul-09	Indeno(1,2,3-cd)pyrene	0.04	=	MG/KG
SB02S	24-Jul-09	Pyrene	0.014	=	MG/KG
SB02S	24-Jul-09	Chrysene	0.033	=	MG/KG
SB02S	24-Jul-09	Benzo(b)fluoranthene	0.072	=	MG/KG
SB02S	24-Jul-09	Benzo(k)fluoranthene	0.021	=	MG/KG
SB02S	24-Jul-09	Benzo(g,h,i)perylene	0.07	=	MG/KG
SB02W	24-Jul-09	Naphthalene	0.0066	J	MG/KG
SB02W	24-Jul-09	Chrysene	0.02	=	MG/KG
SB02W	24-Jul-09	Benzo(a)anthracene	0.012	=	MG/KG
SB02W	24-Jul-09	Fluoranthene	0.036	=	MG/KG
SB02W	24-Jul-09	Benzo(b)fluoranthene	0.034	=	MG/KG
SB02W	24-Jul-09	Benzo(k)fluoranthene	0.011	=	MG/KG
SB02W	24-Jul-09	Phenanthrene	0.01	=	MG/KG
SB02W	24-Jul-09	Indeno(1,2,3-cd)pyrene	0.029	=	MG/KG
SB02W	24-Jul-09	Pyrene	0.024	=	MG/KG
SB02W	24-Jul-09	Acenaphthylene	0.0098	U	MG/KG
SB02W	24-Jul-09	1-Methylnaphthalene	0.0086	U	MG/KG
SB02W	24-Jul-09	Fluorene	0.0086	U	MG/KG
SB02W	24-Jul-09	Dibenz(a,h)anthracene	0.0086	U	MG/KG
SB02W	24-Jul-09	Benzo(a)pyrene	0.04	=	MG/KG
SB02W	24-Jul-09	2-Methylnaphthalene	0.009	U	MG/KG
SB02W	24-Jul-09	Acenaphthene	0.0086	U	MG/KG
SB02W	24-Jul-09	Benzo(g,h,i)perylene	0.053	=	MG/KG
SB02W	24-Jul-09	Anthracene	0.01	U	MG/KG
SB03A	24-Jul-09	Lead	4.93	=	MG/KG
SB03E	24-Jul-09	Lead	1.62	J	MG/KG
SB03N	24-Jul-09	Lead	9.09	U	MG/KG
SB03S	24-Jul-09	Lead	7.75	=	MG/KG
SB03W	24-Jul-09	Lead	3.98	J	MG/KG
I1	3-Nov-09	Benzo(g,h,i)perylene	0.093	=	MG/KG
I1	3-Nov-09	Benzo(k)fluoranthene	0.044	J	MG/KG
I1	3-Nov-09	Acenaphthylene	0.03	=	MG/KG
I1	3-Nov-09	1-Methylnaphthalene	0.0012	J	MG/KG
I1	3-Nov-09	2-Methylnaphthalene	0.0017	J	MG/KG
I1	3-Nov-09	Phenanthrene	0.0038	=	MG/KG
I1	3-Nov-09	Naphthalene	0.0033	U	MG/KG
I1	3-Nov-09	Fluorene	0.0034	=	MG/KG
I1	3-Nov-09	Indeno(1,2,3-cd)pyrene	0.075	J	MG/KG

TABLE A-9
Analytical Data
Exposure Unit 3 Depth Interval 2 to 4 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
I1	3-Nov-09	Acenaphthene	0.0013	J	MG/KG
I1	3-Nov-09	Benzo(b)fluoranthene	0.12	=	MG/KG
I1	3-Nov-09	Benzo(a)pyrene	0.068	=	MG/KG
I1	3-Nov-09	Pyrene	0.015	=	MG/KG
I1	3-Nov-09	Fluoranthene	0.013	=	MG/KG
I1	3-Nov-09	Dibenz(a,h)anthracene	0.028	=	MG/KG
I1	3-Nov-09	Chrysene	0.038	=	MG/KG
I1	3-Nov-09	Anthracene	0.024	=	MG/KG
I1	3-Nov-09	Benzo(a)anthracene	0.017	=	MG/KG
I2	3-Nov-09	Fluorene	0.0036	U	MG/KG
I2	3-Nov-09	Benzo(a)anthracene	0.0038	U	MG/KG
I2	3-Nov-09	Anthracene	0.0028	J	MG/KG
I2	3-Nov-09	Benzo(k)fluoranthene	0.0037	J	MG/KG
I2	3-Nov-09	Acenaphthylene	0.0032	J	MG/KG
I2	3-Nov-09	Benzo(a)pyrene	0.0052	=	MG/KG
I2	3-Nov-09	Fluoranthene	0.0014	J	MG/KG
I2	3-Nov-09	Indeno(1,2,3-cd)pyrene	0.0091	=	MG/KG
I2	3-Nov-09	Naphthalene	0.0036	U	MG/KG
I2	3-Nov-09	Dibenz(a,h)anthracene	0.007	U	MG/KG
I2	3-Nov-09	Chrysene	0.0026	J	MG/KG
I2	3-Nov-09	Benzo(b)fluoranthene	0.007	=	MG/KG
I2	3-Nov-09	Phenanthrene	0.0036	U	MG/KG
I2	3-Nov-09	1-Methylnaphthalene	0.0036	U	MG/KG
I2	3-Nov-09	Benzo(g,h,i)perylene	0.0077	J	MG/KG
I2	3-Nov-09	2-Methylnaphthalene	0.0036	U	MG/KG
I2	3-Nov-09	Acenaphthene	0.0036	U	MG/KG
I2	3-Nov-09	Pyrene	0.0015	J	MG/KG
I3	3-Nov-09	Benzo(k)fluoranthene	0.017	=	MG/KG
I3	3-Nov-09	Naphthalene	0.0034	J	MG/KG
I3	3-Nov-09	Fluorene	0.0022	J	MG/KG
I3	3-Nov-09	Acenaphthene	0.0036	U	MG/KG
I3	3-Nov-09	Benzo(b)fluoranthene	0.04	=	MG/KG
I3	3-Nov-09	1-Methylnaphthalene	0.0019	J	MG/KG
I3	3-Nov-09	Chrysene	0.02	=	MG/KG
I3	3-Nov-09	Benzo(g,h,i)perylene	0.044	=	MG/KG
I3	3-Nov-09	Phenanthrene	0.0027	J	MG/KG
I3	3-Nov-09	Benzo(a)pyrene	0.029	=	MG/KG
I3	3-Nov-09	Benzo(a)anthracene	0.013	=	MG/KG
I3	3-Nov-09	Anthracene	0.014	=	MG/KG
I3	3-Nov-09	Acenaphthylene	0.017	=	MG/KG
I3	3-Nov-09	Indeno(1,2,3-cd)pyrene	0.03	J	MG/KG
I3	3-Nov-09	2-Methylnaphthalene	0.0027	J	MG/KG
I3	3-Nov-09	Pyrene	0.01	=	MG/KG
I3	3-Nov-09	Fluoranthene	0.01	=	MG/KG
I3	3-Nov-09	Dibenz(a,h)anthracene	0.01	=	MG/KG
I5	3-Nov-09	Naphthalene	0.0045	=	MG/KG
I5	3-Nov-09	Indeno(1,2,3-cd)pyrene	0.028	J	MG/KG
I5	3-Nov-09	Dibenz(a,h)anthracene	0.012	=	MG/KG
I5	3-Nov-09	Fluoranthene	0.022	=	MG/KG
I5	3-Nov-09	Benzo(b)fluoranthene	0.053	=	MG/KG
I5	3-Nov-09	2-Methylnaphthalene	0.0024	J	MG/KG
I5	3-Nov-09	Benzo(a)anthracene	0.021	=	MG/KG
I5	3-Nov-09	Fluorene	0.0036	U	MG/KG
I5	3-Nov-09	Benzo(a)pyrene	0.03	=	MG/KG
I5	3-Nov-09	Phenanthrene	0.0089	=	MG/KG
I5	3-Nov-09	Anthracene	0.015	=	MG/KG
I5	3-Nov-09	Acenaphthylene	0.016	=	MG/KG
I5	3-Nov-09	1-Methylnaphthalene	0.002	J	MG/KG
I5	3-Nov-09	Benzo(g,h,i)perylene	0.044	=	MG/KG
I5	3-Nov-09	Benzo(k)fluoranthene	0.025	=	MG/KG
I5	3-Nov-09	Chrysene	0.033	=	MG/KG

TABLE A-9
Analytical Data
Exposure Unit 3 Depth Interval 2 to 4 ft bls

Location	Sample Date	Analyte	Final Result	Final Validation Flag	Units
I5	3-Nov-09	Pyrene	0.02	=	MG/KG
I5	3-Nov-09	Acenaphthene	0.0036	U	MG/KG
J1	3-Nov-09	Benzo(g,h,i)perylene	5.2	=	MG/KG
J1	3-Nov-09	Fluoranthene	0.54	=	MG/KG
J1	3-Nov-09	Benzo(a)pyrene	1.2	=	MG/KG
J1	3-Nov-09	Anthracene	0.099	J	MG/KG
J1	3-Nov-09	Pyrene	0.44	=	MG/KG
J1	3-Nov-09	Phenanthrene	0.08	J	MG/KG
J1	3-Nov-09	Naphthalene	0.17	U	MG/KG
J1	3-Nov-09	Fluorene	0.17	U	MG/KG
J1	3-Nov-09	Benzo(b)fluoranthene	1.7	=	MG/KG
J1	3-Nov-09	Benzo(a)anthracene	0.2	=	MG/KG
J1	3-Nov-09	1-Methylnaphthalene	0.17	U	MG/KG
J1	3-Nov-09	2-Methylnaphthalene	0.17	U	MG/KG
J1	3-Nov-09	Acenaphthene	0.17	U	MG/KG
J1	3-Nov-09	Acenaphthylene	0.23	=	MG/KG
J1	3-Nov-09	Benzo(k)fluoranthene	0.33	=	MG/KG
J1	3-Nov-09	Chrysene	0.49	=	MG/KG
J1	3-Nov-09	Dibenz(a,h)anthracene	0.56	=	MG/KG
J1	3-Nov-09	Indeno(1,2,3-cd)pyrene	2.1	=	MG/KG
J2	3-Nov-09	Anthracene	0.015	=	MG/KG
J2	3-Nov-09	Pyrene	0.0044	=	MG/KG
J2	3-Nov-09	Acenaphthene	0.0036	U	MG/KG
J2	3-Nov-09	2-Methylnaphthalene	0.0066	=	MG/KG
J2	3-Nov-09	1-Methylnaphthalene	0.0031	J	MG/KG
J2	3-Nov-09	Phenanthrene	0.0024	J	MG/KG
J2	3-Nov-09	Naphthalene	0.0064	=	MG/KG
J2	3-Nov-09	Fluorene	0.0018	J	MG/KG
J2	3-Nov-09	Fluoranthene	0.0033	J	MG/KG
J2	3-Nov-09	Benzo(a)anthracene	0.0046	=	MG/KG
J2	3-Nov-09	Acenaphthylene	0.019	=	MG/KG
J2	3-Nov-09	Indeno(1,2,3-cd)pyrene	0.042	=	MG/KG
J2	3-Nov-09	Chrysene	0.012	=	MG/KG
J2	3-Nov-09	Benzo(g,h,i)perylene	0.05	J	MG/KG
J2	3-Nov-09	Benzo(a)pyrene	0.02	=	MG/KG
J2	3-Nov-09	Benzo(b)fluoranthene	0.03	=	MG/KG
J2	3-Nov-09	Dibenz(a,h)anthracene	0.01	=	MG/KG
J2	3-Nov-09	Benzo(k)fluoranthene	0.0099	=	MG/KG

Appendix B
Residential

TABLE B-1

Residential Land Use Based Risk Evaluation and Sample Removal to Eliminate Hot Spots and Site-wide Exceedances of SCTLs

0 - 0.5 ft Depth Interval

Location	Depth	Field ID	Activity	Sample Date	BEQ	Qualifier	PCB-1260 (AROCHLOR 1260) Final Result	Qualifier	Lead	Qualifier	Units	BEQ Exceeds 3x SCTL	PCBs Exceeds 3X SCTL	Lead Exceeds 3X SCTL	BEQ	Qualifier	PCB-1260 (AROCHLOR 1260) Final Result	Qualifier	Remove
A2	0-0.5	HFSB-A2-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	9.62	=	0.32	J	62	=	mg/kg	X			0.0025	U	0.32	J	X
B1	0-0.5	HFSB-B1-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	18.5	=	12	=	142	=	mg/kg	X	X		0.0025	U	0.024	U	X
B2	0-0.5	HFSB-B2-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	5.18	=	1.3	J	98.1	=	mg/kg	X			0.0025	U	1.3	J	X
C2	0-0.5	HFSB-C2-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	7.01	=	41	=	146	=	mg/kg	X	X		0.0025	U	0.024	U	X
C3	0-0.5	HFSB-C3-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	3.46	=	15	=	141	=	mg/kg	X	X		0.0025	U	0.024	U	X
C4	0-0.5	HFSB-C4-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	2.76	=	24	=	192	=	mg/kg	X	X		0.0025	U	0.024	U	X
D1	0-0.5	HFSB-D1-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	0.77	=	15	=	64.7	=	mg/kg	X	X		0.0025	U	0.024	U	X
D3	0-0.5	HFSB-D3-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	18.6	=	170	=	158	=	mg/kg	X	X		0.0025	U	0.024	U	X
D4	0-0.5	HFSB-D4-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	1.76	=	16	=	98	=	mg/kg	X	X		0.0025	U	0.024	U	X
E1	0-0.5	HFSB-E1-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	370	=	0.64	=	89.4	=	mg/kg	X	X		0.024	U	0.0025	U	X
E2	0-0.5	HFSB-E2-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	80	J	0.8	=	32	=	mg/kg	X	X		0.024	U	0.0025	U	X
E3	0-0.5	HFSB-E3-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	13	=	3.86	=	152	=	mg/kg	X	X		0.024	U	0.0025	U	X
E4	0-0.5	HFSB-E4-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	0.49	=	5.67	=	131	=	mg/kg		X		0.024	U	0.0025	U	X
E5	0-0.5	HFSB-E5-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	3.2	J	2.76	=	62.1	=	mg/kg	X	X		0.024	U	0.0025	U	X
F1	0-0.5	HFSB-F1-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	0.12	=	0.33	=	28.9	=	mg/kg		X		0.024	U	0.0025	U	X
F2	0-0.5	HFSB-F2-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	5.5	J	1.39	=	417	=	mg/kg	X	X		0.024	U	0.0025	U	X
F3	0-0.5	HFSB-F3-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	7.8	=	2.68	=	373	=	mg/kg	X	X		0.024	U	0.0025	U	X
F4	0-0.5	HFSB-F4-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	6.6	JB	0.91	=	132	=	mg/kg	X	X		0.024	U	0.0025	U	X
F5	0-0.5	HFSB-F5-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	2	B	1.04	=	95.9	=	mg/kg	X	X		0.024	U	0.0025	U	X
G1	0-0.5	HFSB-G1-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	3.4	J	0.4	=	200	=	mg/kg	X	X		0.024	U	0.0025	U	X
G3	0-0.5	HFSB-G3-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	1.8	B	9.11	=	249	=	mg/kg	X	X		0.024	U	0.0025	U	X
G4	0-0.5	HFSB-G4-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	3.2	B	1.09	=	108	=	mg/kg	X	X		0.024	U	0.0025	U	X
G5	0-0.5	HFSB-G5-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	0.76	B	0.73	=	64.8	=	mg/kg		X		0.024	U	0.0025	U	X
H1	0-0.5	HFSB-H1-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	5.7	=	1.01	=	118	=	mg/kg	X	X		0.024	U	0.0025	U	X
H4	0-0.5	HFSB-H4-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	1.3	=	2.27	=	214	=	mg/kg		X		1.3	=	0.0025	U	X
H5	0-0.5	HFSB-H5-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.17	=	1.08	=	93.7	=	mg/kg		X		0.17	=	0.0025	U	X
HFSB-01	0-0.5	HFSB-01-000.5	ParcelK-Soil Sampling April 2009	Apr-09	0.39	=	4.13	=	300	=	mg/kg		X		0.39	=	0.0025	U	X
HFSB-02	0-0.5	HFSB-02-000.5	ParcelK-Soil Sampling April 2009	Apr-09	0.0062	U	16.19	=	440	=	mg/kg		X		0.0062	U	0.0025	U	X
HFSB-03	0-0.5	HFSB-03-000.5	ParcelK-Soil Sampling April 2009	Apr-09	3.7	=	0.33	=	4100	=	mg/kg	X	X	X	0.024	U	0.0025	U	X
HFSB-04	0-0.5	HFSB-04-000.5	ParcelK-Soil Sampling April 2009	Apr-09	1.7	=	0.93	=	200	=	mg/kg	X	X		0.024	U	0.0025	U	X
HFSB-05	0-0.5	HFSB-05-000.5	ParcelK-Soil Sampling April 2009	Apr-09	1.1	=	1.07	=	120	=	mg/kg		X		0.024	U	0.0025	U	X
HFSB-06	0-0.5	HFSB-06-000.5	ParcelK-Soil Sampling April 2009	Apr-09	1.1	=	2.8	=	120	=	mg/kg	X	X		0.0025	U	0.024	U	X
HFSB-07	0-0.5	HFSB-07-000.5	ParcelK-Soil Sampling April 2009	Apr-09	1.69	=	77	=	110	=	mg/kg	X	X		0.0025	U	0.024	U	X
HFSB-09	0-0.5	HFSB-09-000.5	ParcelK-Soil Sampling April 2009	Apr-09	15.08	=	0.006	U	94	=	mg/kg	X			0.0025	U	0.006	U	X
I1	0-0.5	HFSB-I1-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	2.9	=	0.2	=	242	=	mg/kg	X			0.024	U	0.2	=	X
I2	0-0.5	HFSB-I2-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	2.4	=	1.04	=	1020	=	mg/kg	X	X		0.024	U	0.0025	U	X
I3	0-0.5	HFSB-I3-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.57	=	0.62	=	37.5	=	mg/kg		X		0.57	=	0.0025	U	X
I4	0-0.5	HFSB-I4-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.12	B	1.44	=	58	=	mg/kg		X		0.12	B	0.0025	U	X
I5	0-0.5	HFSB-I5-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.0088	B	14.87	=	369	=	mg/kg		X		0.0088	B	0.0025	U	X
J1	0-0.5	HFSB-J1-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	8.3	B	0.29	=	631	=	mg/kg	X			0.024	U	0.29	=	X
J2	0-0.5	HFSB-J2-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.1	B	4.78	=	214	=	mg/kg		X		0.1	B	0.0025	U	X
J3	0-0.5	HFSB-J3-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.057	JB	0.39	=	101	=	mg/kg		X		0.057	JB	0.0025	U	X
J4	0-0.5	HFSB-J4-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.014	B	0.33	=	7.67	=	mg/kg		X		0.014	B	0.0025	U	X
J5	0-0.5	HFSB-J5-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.092	B	0.89	=	104	=	mg/kg		X		0.092	B	0.0025	U	X
SB02A	0-0.5	HFSB02A-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	22.6	=	--	--	mg/kg		X		--	--	0.0025	U	X
SB02E	0-0.5	HFSB02E-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	35.9	=	--	--	mg/kg		X		--	--	0.0025	U	X
SB02N	0-0.5	HFSB02N-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	15.3	=	--	--	mg/kg		X		--	--	0.0025	U	X

TABLE B-1

Residential Land Use Based Risk Evaluation and Sample Removal to Eliminate Hot Spots and Site-wide Exceedances of SCTLs

0 - 0.5 ft Depth Interval

Location	Depth	Field ID	Activity	Sample Date	BEQ	Qualifier	PCB-1260 (AROCHLOR 1260) Final Result	Qualifier	Lead	Qualifier	Units	BEQ Exceeds 3x SCTL	PCBs Exceeds 3X SCTL	Lead Exceeds 3X SCTL	BEQ	Qualifier	PCB-1260 (AROCHLOR 1260) Final Result	Qualifier	Remove
SB02N2	0-0.5	HFSB02N20.0-0.5	ParcelK-SoilSampling2009	24-Jul-09	--	--	0.8	=	--	--	mg/kg		X		--	--	0.0025	U	X
SB02S	0-0.5	HFSB02S-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	6.8	=	--	--	mg/kg		X		--	--	0.0025	U	X
SB02W	0-0.5	HFSB02W-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	7.9	=	--	--	mg/kg		X		--	--	0.0025	U	X
SB07A	0-0.5	HFSB07A-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	52	=	--	--	mg/kg		X		--	--	0.024	U	X
SB07E	0-0.5	HFSB07E-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	98	=	--	--	mg/kg		X		--	--	0.024	U	X
SB07N	0-0.5	HFSB07N-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	68	=	--	--	mg/kg		X		--	--	0.024	U	X
SB07S	0-0.5	HFSB07S-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	100	=	--	--	mg/kg		X		--	--	0.024	U	X
SB07W	0-0.5	HFSB07W-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	15	=	--	--	mg/kg		X		--	--	0.024	U	X
SB09A	0-0.5	HFSB09A-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	24.8	=	--	--	--	--	mg/kg	X			0.0025	U	--	--	X
SB09E	0-0.5	HFSB09E-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	15.4	=	--	--	--	--	mg/kg	X			0.0025	U	--	--	X
SB09N	0-0.5	HFSB09N-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	40.6	=	--	--	--	--	mg/kg	X			0.0025	U	--	--	X
SB09S	0-0.5	HFSB09S-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	12.3	=	--	--	--	--	mg/kg	X			0.0025	U	--	--	X
SB09W	0-0.5	HFSB09W-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	22	=	--	--	--	--	mg/kg	X			0.0025	U	--	--	X

Note:

Residential Screening Standards

Analyte	SCTL	Apportioned SCTL	Action Level (3 X SCTL)
Lead	400	400	1200
PCB	0.5	0.25	1.5
BEQ	0.1	0.05	0.3

BEQ - Residential

Exposure Unit 1 (0 - 0.5 ft bgs)

Location	Depth	Field ID	Activity	Sample Date	BEQ	Qualifier	PCB-1260 (AROCHLOR 1260) Final Result	Qualifier	Units	BEQ Exceeds 3x SCTL	PCBs Exceeds 3X SCTL	BEQ	Qualifier	PCB-1260 (AROCHLOR 1260) Final Result	Qualifier	Remove
A2	0-0.5	HFSB-A2-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	9.62	=	0.32	J	mg/kg	X		0.0025	U	0.32	J	X
B1	0-0.5	HFSB-B1-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	18.5	=	12	=	mg/kg	X	X	0.0025	U	0.024	U	X
B2	0-0.5	HFSB-B2-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	5.18	=	1.3	J	mg/kg	X		0.0025	U	1.3	J	X
B3	0-0.5	HFSB-B3-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	0.16	=	0.11	=	mg/kg			0.16	=	0.11	=	
C1	0-0.5	HFSB-C1-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	0.12	=	1.4	=	mg/kg			0.12	=	1.4	=	
C2	0-0.5	HFSB-C2-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	7.01	=	41	=	mg/kg	X	X	0.0025	U	0.024	U	X
C3	0-0.5	HFSB-C3-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	3.46	=	15	=	mg/kg	X	X	0.0025	U	0.024	U	X
C4	0-0.5	HFSB-C4-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	2.76	=	24	=	mg/kg	X	X	0.0025	U	0.024	U	X
D1	0-0.5	HFSB-D1-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	0.77	=	15	=	mg/kg	X	X	0.0025	U	0.024	U	X
D3	0-0.5	HFSB-D3-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	18.6	=	170	=	mg/kg	X	X	0.0025	U	0.024	U	X
D4	0-0.5	HFSB-D4-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	1.76	=	16	=	mg/kg	X	X	0.0025	U	0.024	U	X
HFSB-06	0-0.5	HFSB-06-000.5	ParcelK-Soil Sampling April 2009	Apr-09	1.1	=	2.8	=	mg/kg	X	X	0.0025	U	0.024	U	X
HFSB-07	0-0.5	HFSB-07-000.5	ParcelK-Soil Sampling April 2009	Apr-09	1.69	=	77	=	mg/kg	X	X	0.0025	U	0.024	U	X
HFSB-09	0-0.5	HFSB-09-000.5	ParcelK-Soil Sampling April 2009	Apr-09	15.08	=	0.006	U	mg/kg	X		0.0025	U	0.006	U	X
SB09A	0-0.5	HFSB09A-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	24.8	=	--	--	mg/kg	X		0.0025	U	--	--	X
SB09E	0-0.5	HFSB09E-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	15.4	=	--	--	mg/kg	X		0.0025	U	--	--	X
SB09N	0-0.5	HFSB09N-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	40.6	=	--	--	mg/kg	X		0.0025	U	--	--	X
SB09S	0-0.5	HFSB09S-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	12.3	=	--	--	mg/kg	X		0.0025	U	--	--	X
SB09W	0-0.5	HFSB09W-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	22	=	--	--	mg/kg	X		0.0025	U	--	--	X
D2	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
D3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
E1	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
E2	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
E3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
E7	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
D6	0-0.5	45-D6(0-0.5)-091406	RMO Truman Annex PCB and Lead Sampl	14-Sep-06	--	--	0.34	=	mg/kg			--	--	0.34	=	
D7	0-0.5	45-D7(0-0.5)-091406	RMO Truman Annex PCB and Lead Sampl	14-Sep-06	--	--	0.36	U	mg/kg			--	--	0.36	U	
D8	0-0.5	45-D8(0-0.5)-091406	RMO Truman Annex PCB and Lead Sampl	14-Sep-06	--	--	0.069	J	mg/kg			--	--	0.069	J	
E4	0-0.5	45-E4(0-0.5)-091406	RMO Truman Annex PCB and Lead Sampl	14-Sep-06	--	--	0.34	U	mg/kg			--	--	0.34	U	
E6	0-0.5	45-E6(0-0.5)-091406	RMO Truman Annex PCB and Lead Sampl	14-Sep-06	--	--	0.39	=	mg/kg			--	--	0.39	=	
E9	0-0.5	45-E9(0-0.5)-091406	RMO Truman Annex PCB and Lead Sampl	14-Sep-06	--	--	0.34	U	mg/kg			--	--	0.34	U	
L3	0-0.5	45-L3-(0-0.5)-090606	DRMO-2006-Data	06-Sep-06	--	--	0.1	J	mg/kg			--	--	0.1	J	
L7	0-0.5	45-L7(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.33	U	mg/kg			--	--	0.33	U	
M1	0-0.5	45-M1(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.33	U	mg/kg			--	--	0.33	U	
M3	0-0.5	45-M3(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.33	U	mg/kg			--	--	0.33	U	
M5	0-0.5	45-M5(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.34	U	mg/kg			--	--	0.34	U	
M7	0-0.5	45-M7(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.14	J	mg/kg			--	--	0.14	J	
M9	0-0.5	45-M9(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.34	U	mg/kg			--	--	0.34	U	
N1	0-0.5	45-N1(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.32	U	mg/kg			--	--	0.32	U	
N3	0-0.5	45-N3(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.2	J	mg/kg			--	--	0.2	J	
N5	0-0.5	45-N5(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.075	J	mg/kg			--	--	0.075	J	
N7	0-0.5	45-N7(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.33	U	mg/kg			--	--	0.33	U	
N9	0-0.5	45-N9(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.095	J	mg/kg			--	--	0.095	J	
SB07A	0-0.5	HFSB07A-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	52	=	mg/kg		X	--	--	0.024	U	X
SB07E	0-0.5	HFSB07E-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	98	=	mg/kg		X	--	--	0.024	U	X
SB07N	0-0.5	HFSB07N-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	68	=	mg/kg		X	--	--	0.024	U	X
SB07S	0-0.5	HFSB07S-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	100	=	mg/kg		X	--	--	0.024	U	X
SB07W	0-0.5	HFSB07W-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	15	=	mg/kg		X	--	--	0.024	U	X
SW-E1	0-0.5	45-SW-E1	Nov. sampling	12-Nov-07	--	--	0.039	=	mg/kg			--	--	0.039	=	
T6	0-0.5	45-T6(0-0.5)-060912	RMO Truman Annex PCB and Lead Sampl	12-Sep-06	--	--	0.33	U	mg/kg			--	--	0.33	U	
U1	0-0.5	45-U1(0-0.5)-060913	RMO Truman Annex PCB and Lead Sampl	13-Sep-06	--	--	0.32	U	mg/kg			--	--	0.32	U	
U3	0-0.5	45-U3(0-0.5)-060913	RMO Truman Annex PCB and Lead Sampl	13-Sep-06	--	--	0.33	U	mg/kg			--	--	0.33	U	
U4	0-0.5	45-U4(0-0.5)-060913	RMO Truman Annex PCB and Lead Sampl	13-Sep-06	--	--	0.33	U	mg/kg			--	--	0.33	U	
U6	0-0.5	45-U6(0-0.5)-060913	RMO Truman Annex PCB and Lead Sampl	13-Sep-06	--	--	0.32	U	mg/kg			--	--	0.32	U	
U7	0-0.5	45-U7(0-0.5)-060913	RMO Truman Annex PCB and Lead Sampl	13-Sep-06	--	--	0.32	U	mg/kg			--	--	0.32	U	
C1	0-0.5	45-C1(0-0.5)-060913	RMO Truman Annex PCB and Lead Sampl	13-Sep-06	--	--	0.32	U	mg/kg			--	--	0.32	U	
C3	0-0.5	45-C3(0-0.5)-060913	RMO Truman Annex PCB and Lead Sampl	13-Sep-06	--	--	0.33	U	mg/kg			--	--	0.33	U	
C5	0-0.5	45-C5(0-0.5)-060913	RMO Truman Annex PCB and Lead Sampl	13-Sep-06	--	--	0.25	J	mg/kg			--	--	0.25	J	
C6	0-0.5	45-C6(0-0.5)-060913	RMO Truman Annex PCB and Lead Sampl	13-Sep-06	--	--	0.16	J	mg/kg			--	--	0.16	J	
C7	0-0.5	45-C7(0-0.5)-060913	RMO Truman Annex PCB and Lead Sampl	13-Sep-06	--	--	0.35	=	mg/kg			--	--	0.35	=	
C9	0-0.5	45-C9(0-0.5)-060913	RMO Truman Annex PCB and Lead Sampl	13-Sep-06	--	--	0.34	U	mg/kg			--	--	0.34	U	
D10	0-0.5	45-D10(0-0.5)-091406	RMO Truman Annex PCB and Lead Sampl	14-Sep-06	--	--	0.34	U	mg/kg			--	--	0.34	U	
D4	0-0.5	45-D4(0-0.5)-091406	RMO Truman Annex PCB and Lead Sampl	14-Sep-06	--	--	0.22	J	mg/kg			--	--	0.22	J	

Green approach.

Chemical	UCL	SL	Ratio	
BEQ	0.12539	0.1	1.253931	**UCL Based on ProUCL 4.00.04**
PCB	0.36697	0.5	0.733943164	**UCL Based on FLU-UCL.**
		Sum:	1.987874164	**Apportioned Sum**

Exceedance Concentration Removed and replaced with ND-cleanfill

Note: Concentration was used in calculation of UCL, however concentration is expected to be ND-cleanfill post remediation.

TABLE B-3
UCL 95 Residential PCBs - Post-Removal
Exposure Unit 1 (0 - 0.5 ft bgs)

FDEP UCL Calculator Version 1.0 7/27/10

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	58
Number of Censored Data	41
Minimum	0.33
Maximum	1.4
Mean	0.21869
Median	0.18
Standard Deviation	0.259075
Variance	
Coefficient of Variation	1.184669
Skewness	2.90267

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.366972
Bounding (1/2 DL)	0.299124

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.366972

TABLE B-4

UCL 95 Residential BEQ

Exposure Unit 1 (0 - 0.5 ft bgs)

General UCL Statistics for Data Sets with Non-Detects

User Selected Options

From File	C:\Documents and Settings\sharper\Desktop\BEQ_ForPORUCL.wst
Full Precision	ON
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

BEQ

General Statistics

Number of Valid Data	25	Number of Detected Data	2
Number of Distinct Detected Data	2	Number of Non-Detect Data	23
		Percent Non-Detects	92.00%

Raw Statistics		Log-transformed Statistics	
Minimum Detected	0.12	Minimum Detected	-2.120264
Maximum Detected	0.16	Maximum Detected	-1.832581
Mean of Detected	0.14	Mean of Detected	-1.976422
SD of Detected	0.0282843	SD of Detected	0.2034219
Minimum Non-Detect	0.0025	Minimum Non-Detect	-5.991465
Maximum Non-Detect	0.0025	Maximum Non-Detect	-5.991465

Warning: Data set has only 2 Distinct Detected Values.

This may not be adequate enough to compute meaningful and reliable test statistics and estimates.

The Project Team may decide to use alternative site specific values to estimate environmental parameters (e.g., EPC, BTV).

Unless Data Quality Objectives (DQOs) have been met, it is suggested to collect additional observations.

The number of detected data may not be adequate enough to perform GOF tests, bootstrap, and ROS methods.

Those methods will return a 'N/A' value on your output display!

It is necessary to have 4 or more Distinct Values for bootstrap methods.

However, results obtained using 4 to 9 distinct values may not be reliable.

It is recommended to have 10 to 15 or more observations for accurate and meaningful results and estimates.

TABLE B-4

UCL 95 Residential BEQ

Exposure Unit 1 (0 - 0.5 ft bgs)

UCL Statistics

Normal Distribution Test with Detected Values Only	
Shapiro Wilk Test Statistic	N/A
5% Shapiro Wilk Critical Value	N/A
Data not Normal at 5% Significance Level	
Assuming Normal Distribution	
DL/2 Substitution Method	
Mean	0.01235
SD	0.0388495
95% DL/2 (t) UCL	0.0256434
Maximum Likelihood Estimate(MLE) Method	N/A
MLE method failed to converge properly	

Lognormal Distribution Test with Detected Values Only	
Shapiro Wilk Test Statistic	N/A
5% Shapiro Wilk Critical Value	N/A
Data not Lognormal at 5% Significance Level	
Assuming Lognormal Distribution	
DL/2 Substitution Method	
Mean	-6.307957
SD	1.3042997
95% H-Stat (DL/2) UCL	0.0061607
Log ROS Method	
Mean in Log Scale	N/A
SD in Log Scale	N/A
Mean in Original Scale	N/A
SD in Original Scale	N/A
95% Percentile Bootstrap UCL	N/A
95% BCA Bootstrap UCL	N/A

Gamma Distribution Test with Detected Values Only	
k star (bias corrected)	N/A
Theta Star	N/A
nu star	N/A
A-D Test Statistic	N/A
5% A-D Critical Value	N/A
K-S Test Statistic	N/A
5% K-S Critical Value	N/A
Data not Gamma Distributed at 5% Significance Level	
Assuming Gamma Distribution	
Gamma ROS Statistics using Extrapolated Data	
Minimum	N/A
Maximum	N/A
Mean	N/A
Median	N/A
SD	N/A
k star	N/A
Theta star	N/A
Nu star	N/A
AppChi2	N/A
95% Gamma Approximate UCL	N/A
95% Adjusted Gamma UCL	N/A

Data Distribution Test with Detected Values Only
Data do not follow a Discernable Distribution (0.05)

Nonparametric Statistics	
Kaplan-Meier (KM) Method	
Mean	0.1216
SD	0.0078384
SE of Mean	0.002217
95% KM (t) UCL	0.1253931
95% KM (z) UCL	0.1252467
95% KM (jackknife) UCL	N/A
95% KM (bootstrap t) UCL	N/A
95% KM (BCA) UCL	N/A
95% KM (Percentile Bootstrap) UCL	N/A
95% KM (Chebyshev) UCL	0.1312638
97.5% KM (Chebyshev) UCL	0.1354453
99% KM (Chebyshev) UCL	0.1436591
Potential UCLs to Use	
95% KM (t) UCL	0.1253931
95% KM (% Bootstrap) UCL	N/A

Note: DL/2 is not a recommended method.

TABLE B-5
UCL 95 BEQ - Pre-Removal
Exposure Unit 1 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 7/27/2010

Summary Statistics for	
Number of Samples	24
Number of Censored Data	6
Minimum	0.00125
Maximum	1.48
Mean	0.149125
Median	0.039
Standard Deviation	0.309354
Variance	0.0957
Coefficient of Variation	2.074463
Skewness	3.834389

95% UCL (Assuming Normal Data)	
Student's-t	0.25735

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.30582
Modified-t	0.265588

95% Non-parametric UCL	
CLT	0.253001
Jackknife	NA
Standard Bootstrap	0.250829
Bootstrap-t	0.508784
Chebyshev (Mean, Std)	0.424381

Summary Statistics for ln()	
Minimum	-6.68461
Maximum	0.392042
Mean	-3.55552
Standard Deviation	2.223932
Variance	4.945872

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.33872
MLE Standard Deviation	4.001965
MLE Median	0.028567
MLE Coefficient of Variation	11.81496
MVUE Estimate of Mean	0.235731
MVUE Estimate of Std. Dev.	0.935753
MVUE Estimate of SE	0.148434
MVUE Coefficient of Variation	3.969575

UCL Assuming Lognormal Distribution	
95% H-UCL	2.706558
95% Chebyshev (MVUE) UCL	0.88274
99% Chebyshev (MVUE) UCL	1.712634

FDEP Recommended UCL to Use:
0.424381

TABLE B-6
UCL 95 Residential PCBs - Pre-Removal
Exposure Unit 1 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 7/27/10

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	65
Number of Censored Data	49
Minimum	0.34
Maximum	4.7
Mean	0.331875
Median	0.33
Standard Deviation	0.577488
Variance	
Coefficient of Variation	1.740074
Skewness	6.976461

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.644097
Bounding (1/2 DL)	0.548579

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.644097

TABLE B-7
UCL 95 Residential BEQ - Post-Removal
Exposure Unit 1 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 7/27/10

Summary Statistics for	
Number of Samples	18
Number of Censored Data	6
Minimum	0.00125
Maximum	0.15
Mean	0.042167
Median	0.025
Standard Deviation	0.051344
Variance	0.002636
Coefficient of Variation	1.217653
Skewness	1.210496

95% UCL (Assuming Normal Data)	
Student's-t	0.063219

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.065764
Modified-t	0.063795

95% Non-parametric UCL	
CLT	0.062074
Jackknife	NA
Standard Bootstrap	0.056997
Bootstrap-t	0.080771
Chebyshev (Mean, Std)	0.094919

Summary Statistics for ln()	
Minimum	-6.68461
Maximum	-1.89712
Mean	-4.3655
Standard Deviation	1.921969
Variance	3.693966

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.080579
MLE Standard Deviation	0.504529
MLE Median	0.012708
MLE Coefficient of Variation	6.261309
MVUE Estimate of Mean	0.058161
MVUE Estimate of Std. Dev.	0.148518
MVUE Estimate of SE	0.035089
MVUE Coefficient of Variation	2.55357

UCL Assuming Lognormal Distribution	
95% H-UCL	0.598606
95% Chebyshev (MVUE) UCL	0.211108
99% Chebyshev (MVUE) UCL	0.407288

FDEP Recommended UCL to Use:
0.094919

TABLE B-8
UCL 95 Residential PCBs - Post-Removal
Exposure Unit 1 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 7/27/10

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	59
Number of Censored Data	47
Minimum	0.34
Maximum	0.5
Mean	0.263831
Median	0.33
Standard Deviation	0.135603
Variance	
Coefficient of Variation	0.513976
Skewness	-0.83842

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.340933
Bounding (1/2 DL)	0.212342

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.340933

TABLE B-9
UCL 95 Residential PCBs - Post-Removal
Exposure Unit 2 (0 - 0.5 ft bgs)

FDEP UCL Calculator Version 1.0 7/27/10

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	44
Number of Censored Data	37
Minimum	0.34
Maximum	1.1
Mean	0.204818
Median	0.054
Standard Deviation	0.24726
Variance	
Coefficient of Variation	1.207216
Skewness	1.77746

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.3673
Bounding (1/2 DL)	0.295563

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.3673

TABLE B-10
UCL 95 Residential Additional PCBs - Removal
Exposure Unit 2 (0 - 0.5 ft bgs)

FDEP UCL Calculator Version 1.0 7/27/10

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	44
Number of Censored Data	41
Minimum	0.35
Maximum	0.87
Mean	0.150864
Median	0.024
Standard Deviation	0.182585
Variance	
Coefficient of Variation	1.210263
Skewness	1.629482

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.270845
Bounding (1/2 DL)	0.17982

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.270845

TABLE B-11
Data - Residential
Exposure Unit 2 (0 - 0.5 ft bgs)

Residual Concentrations used in Calculation

Location	Depth	Field ID	Activity	Sample Date	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Units	PCB-1260 (AROCHLOR 1260) Exceeds 3x SCTL	BEQ Exceeds 3x SCTL	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Remove
E1	0-0.5	HFSB-E1-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	370	=	0.64	=	mg/kg	X	X	0.024	U	0.0025	U	X
E2	0-0.5	HFSB-E2-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	80	J	0.8	=	mg/kg	X	X	0.024	U	0.0025	U	X
E3	0-0.5	HFSB-E3-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	13	=	3.86	=	mg/kg	X	X	0.024	U	0.0025	U	X
E4	0-0.5	HFSB-E4-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	0.49	=	5.67	=	mg/kg		X	0.024	U	0.0025	U	X
E5	0-0.5	HFSB-E5-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	3.2	J	2.76	=	mg/kg	X	X	0.024	U	0.0025	U	X
F1	0-0.5	HFSB-F1-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	0.12	=	0.33	=	mg/kg		X	0.024	U	0.0025	U	X
F2	0-0.5	HFSB-F2-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	5.5	J	1.39	=	mg/kg	X	X	0.024	U	0.0025	U	X
F3	0-0.5	HFSB-F3-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	7.8	=	2.68	=	mg/kg	X	X	0.024	U	0.0025	U	X
F4	0-0.5	HFSB-F4-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	6.6	JB	0.91	=	mg/kg	X	X	0.024	U	0.0025	U	X
F5	0-0.5	HFSB-F5-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	2	B	1.04	=	mg/kg	X	X	0.024	U	0.0025	U	X
G1	0-0.5	HFSB-G1-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	3.4	J	0.4	=	mg/kg	X	X	0.024	U	0.0025	U	X
G2	0-0.5	HFSB-G2-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	0.87	=	0.13	=	mg/kg			0.87	=	0.13	=	X
G3	0-0.5	HFSB-G3-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	1.8	B	9.11	=	mg/kg	X	X	0.024	U	0.0025	U	X
G4	0-0.5	HFSB-G4-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	3.2	B	1.09	=	mg/kg	X	X	0.024	U	0.0025	U	X
G5	0-0.5	HFSB-G5-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	0.76	B	0.73	=	mg/kg		X	0.024	U	0.0025	U	X
HFSB-05	0-0.5	HFSB-05-000.5	ParcelK-Soil Sampling April 2009	Apr-09	1.1	=	1.07	=	mg/kg		X	0.024	U	0.0025	U	X
O5	0-0.5	45-O5(0-0.5)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	0.084	J	--	--	mg/kg			0.084	J	--	--	
O9	0-0.5	45-O9(0-0.5)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
P10	0-0.5	45-P10(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.35	U	--	--	mg/kg			0.35	U	--	--	
P2	0-0.5	45-P2(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.34	U	--	--	mg/kg			0.34	U	--	--	
P7	0-0.5	45-P7(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.35	U	--	--	mg/kg			0.35	U	--	--	
SW-E3	0-0.5	45-SW-E3	Nov. sampling	12-Nov-07	0.09	=	--	--	mg/kg			0.09	=	--	--	
V1	0-0.5	45-V1(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
V10	0-0.5	45-V10(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
V2	0-0.5	45-V2(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
V4	0-0.5	45-V4(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
V6	0-0.5	45-V6(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
V8	0-0.5	45-V8(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
W1	0-0.5	45-W1(0-0.5)-060908	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
W3	0-0.5	45-W3(0-0.5)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
W5	0-0.5	45-W5(0-0.5)-060908	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
W7	0-0.5	45-W7(0-0.5)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
W9	0-0.5	45-W9(0-0.5)-060908	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
F1	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
F10	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
F3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
F5	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
F6	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
F8	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
O1	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
O3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
O7	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
P5	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
P8	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	

No program will estimate a UCL using 1 detected concentration

Concentration exceeded 3x SCTL and was replaced with a cleanfill ND concentration
Concentration removed based on BEQ concentration being removed or removed to decrease UCL

UCLs and Sums based on Removal of Exceedance Concentrations

Chemical	UCL	SCTL	Ratio	
PCBs	0.367299676	0.5	0.73	**UCL generated via FLU-UCL**
BEQ		0.1	0.00	
		Sum	0.73	

Based on additional Removal

Chemical	UCL	SCTL	Ratio	
PCBs	0.270845354	0.5	0.54	**UCL generated via FLU-UCL**
BEQ		0.1	0.00	
		Sum	0.54	

TABLE B-12
Summary of Site Characteristics Pre/Post Removal - Residential
Exposure Unit 2 (0.5 - 2.0 ft bgs)

	Pre-Removal Action Site Characteristics 0.5 - 2.0 ft bgs				
Chemical	**FOD**	**Min**	**Max**	**Mean**	**FL-UCL Before Removal**
PCBS (1260)	24 / 60	9.30E-03	1.50E+00	0.1936	0.3
BEQ	16 / 27	1.00E-02	2.34E+00	--	0.6

	Post-Removal Action Site Characteristics 0.5 - 2.0 ft bgs				
Chemical	**FOD**	**Min**	**Max**	**Mean**	**FL-UCL After Removal**
PCBS (1260)	18 / 54	9.30E-03	4.40E-01	0.1360	0.20
BEQ	10 / 21	1.00E-02	1.40E-01	0.0151	0.04

	Post-Removal Action Site Characteristics 0.5 - 2.0 ft bgs				
Chemical	**Max**	**FL-UCL After Removal**	**Residential SCTL**	**Max Concentration Exceeds 3x SCTL**	**Apportioned Ratio Approach**
PCBS (1260)	4.40E-01	0.20	0.50	No	0.41
BEQ	1.40E-01	0.04	0.10	No	0.36
				Sum of Ratios:	0.77

FOD = Frequency of Detection
Min = Minimum Concentration
Max = Maximum Concentration
Mean = Mean Concentration
FL UCL = Upper Confidence Limit calculated using FDEP UCL Calculator Version 1.0
SCTL = Soil Clean Up Target Level
All units are expressed in mg/kg.

TABLE B-13
BEQ - Residential
Exposure Unit 2 (0.5 - 2.0 ft bgs)

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units
F1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
F10	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
F3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
F5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
F6	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
F8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
O1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
O3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
O7	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
P5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
P8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
E3	0.5-2	HFSB-E3-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.06	=	mg/kg
E5	0.5-2	HFSB-E5-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.04	=	mg/kg
F1	0.5-2	HFSB-F1-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.02	=	mg/kg
F2	0.5-2	HFSB-F2-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.14	=	mg/kg
F4	0.5-2	HFSB-F4-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.07	=	mg/kg
F5	0.5-2	HFSB-F5-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.11	=	mg/kg
G1	0.5-2	HFSB-G1-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.01	=	mg/kg
G2	0.5-2	HFSB-G2-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.07	=	mg/kg
G3	0.5-2	HFSB-G3-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.05	=	mg/kg
G4	0.5-2	HFSB-G4-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.02	=	mg/kg

Samples to be Removed

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units	Location Removed based on PCB Results	Sample Removed based on Exceeding 3x SCTL
HFSB-05	0.5-2	HFSB-05-0.502	ParcelK-Soil Sampling April 2009	Apr-09	BEQ	1.06	=	mg/kg	X	X
E4	0.5-2	HFSB-E4-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	2.34	=	mg/kg		X
F3	0.5-2	HFSB-F3-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.94	=	mg/kg	X	X
G5	0.5-2	HFSB-G5-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.31	=	mg/kg		X
E1	0.5-2	HFSB-E1-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.06	=	mg/kg	X	
E2	0.5-2	HFSB-E2-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.1	=	mg/kg	X	

TABLE B-14
PCBs - Residential
Exposure Unit 2 (0.5 - 2.0 ft bgs)

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units
O2	0.5-2	45-O2(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.44	=	mg/kg
O4	0.5-2	45-O4(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.36	=	mg/kg
O5	0.5-2	45-O5(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.41	=	mg/kg
O6	0.5-2	45-O6(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.42	=	mg/kg
O8	0.5-2	45-O8(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.38	=	mg/kg
E3	0.5-2	HFSB-E3-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.053	=	mg/kg
F4	0.5-2	HFSB-F4-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.042	=	mg/kg
F5	0.5-2	HFSB-F5-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.058	B	mg/kg
G2	0.5-2	HFSB-G2-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.021	B	mg/kg
G3	0.5-2	HFSB-G3-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.021	B	mg/kg
G4	0.5-2	HFSB-G4-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.04	B	mg/kg
F2	0.5-2	45-F2(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.23	J	mg/kg
F4	0.5-2	45-F4(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.27	J	mg/kg
F7	0.5-2	45-F7(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.076	J	mg/kg
P1	0.5-2	45-P1(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.18	J	mg/kg
P4	0.5-2	45-P4(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.12	J	mg/kg
F2	0.5-2	HFSB-F2-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.21	J	mg/kg
G1	0.5-2	HFSB-G1-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.0093	J	mg/kg
F9	0.5-2	45-F9(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
O10	0.5-2	45-O10(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
O9	0.5-2	45-O9(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
P10	0.5-2	45-P10(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.36	U	mg/kg
P2	0.5-2	45-P2(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
P3	0.5-2	45-P3(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.35	U	mg/kg
P6	0.5-2	45-P6(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
P7	0.5-2	45-P7(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
P9	0.5-2	45-P9(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.35	U	mg/kg
V2	0.5-2	45-V2(0.5-2)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
V3	0.5-2	45-V3(0.5-2)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
V5	0.5-2	45-V5(0.5-2)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
V7	0.5-2	45-V7(0.5-2)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
V8	0.5-2	45-V8(0.5-2)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
V9	0.5-2	45-V9(0.5-2)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
W1	0.5-2	45-W1(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
W10	0.5-2	45-W10(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
W2	0.5-2	45-W2(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
W4	0.5-2	45-W4(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
W5	0.5-2	45-W5(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
W6	0.5-2	45-W6(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
W8	0.5-2	45-W8(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
W9	0.5-2	45-W9(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
F1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
F10	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
F3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
F5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
F6	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
F8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
O1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
O3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
O7	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
P5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
P8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
E5	0.5-2	HFSB-E5-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.015	U	mg/kg
F1	0.5-2	HFSB-F1-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg

Samples to be Removed

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units	Sample Removed based on BEQ Results
E1	0.5-2	HFSB-E1-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.76	=	mg/kg	
E2	0.5-2	HFSB-E2-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.88	=	mg/kg	
HFSB-05	0.5-2	HFSB-05-0.502	ParcelK-Soil Sampling April 2009	Apr-09	PCB-1260 (AROCHLOR 1260)	1.5	=	mg/kg	X
F3	0.5-2	HFSB-F3-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.76	=	mg/kg	X
E4	0.5-2	HFSB-E4-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.36	J	mg/kg	X
G5	0.5-2	HFSB-G5-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.014	B	mg/kg	X

TABLE B-15
UCL 95 Residential BEQ - Pre-Removal
Exposure Unit 2 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 7/27/10

Note: Results reflect censored parameter estimations based on distributional assumptions.

Censor Estimated Statistics for	
Number of Samples	27
Number of Censored Data	11
Minimum Non-censored	0.01
Maximum	2.34
Mean	NA
Median	NA
Standard Deviation	NA
Variance	NA
Coefficient of Variation	NA
Skewness	NA

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	0.621793

Censor Estimated Statistics for ln()	
Minimum	-6.68461
Maximum	0.850151
Mean	-4.16034
Standard Deviation	2.740941
Variance	7.512757
Fit	0.975704

Goodness-of-Fit Results	
Distribution Recommended	Lognormal
Distribution Used	Lognormal

Estimates Assuming Lognormal Distribution	
MLE Mean	0.667672
MLE Standard Deviation	28.56399
MLE Median	0.015602
MLE Coefficient of Variation	42.78149
MVUE Estimate of Mean	0.31855
MVUE Estimate of Std. Dev.	1.771305
MVUE Estimate of SE	0.244159
MVUE Coefficient of Variation	5.560523

UCL Assuming Lognormal Distribution	
95% H-UCL	11.03743
95% Chebyshev (MVUE) UCL	1.382816
99% Chebyshev (MVUE) UCL	2.74791

FDEP Recommended UCL to Use:
0.621793

TABLE B-16
UCL 95 Residential PCBs - Pre-Removal
Exposure Unit 2 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 7/27/10

Summary Statistics for	
Number of Samples	60
Number of Censored Data	36
Minimum	0.0075
Maximum	1.5
Mean	0.193597
Median	0.165
Standard Deviation	0.252191
Variance	0.063601
Coefficient of Variation	1.302664
Skewness	3.119668

95% UCL (Assuming Normal Data)	
Student's-t	0.248004

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.261167
Modified-t	0.250189

95% Non-parametric UCL	
CLT	0.247154
Jackknife	NA
Standard Bootstrap	0.249641
Bootstrap-t	0.276597
Chebyshev (Mean, Std)	0.335516

Summary Statistics for ln()	
Minimum	-4.89285
Maximum	0.405465
Mean	-2.40912
Standard Deviation	1.408457
Variance	1.98375

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.242382
MLE Standard Deviation	0.606921
MLE Median	0.089895
MLE Coefficient of Variation	2.503987
MVUE Estimate of Mean	0.224992
MVUE Estimate of Std. Dev.	0.436812
MVUE Estimate of SE	0.078387
MVUE Coefficient of Variation	1.941454

UCL Assuming Lognormal Distribution	
95% H-UCL	0.401098
95% Chebyshev (MVUE) UCL	0.566672
99% Chebyshev (MVUE) UCL	1.004933

FDEP Recommended UCL to Use:
0.335516

TABLE B-17
UCL 95 Residential PCBs - Post-Removal
Exposure Unit 2 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 7/27/10

Summary Statistics for	
Number of Samples	54
Number of Censored Data	36
Minimum	0.0075
Maximum	0.44
Mean	0.135959
Median	0.165
Standard Deviation	0.1144
Variance	0.013087
Coefficient of Variation	0.841429
Skewness	0.901044

95% UCL (Assuming Normal Data)	
Student's-t	0.162022

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.163608
Modified-t	0.16234

95% Non-parametric UCL	
CLT	0.161568
Jackknife	NA
Standard Bootstrap	0.163295
Bootstrap-t	0.177711
Chebyshev (Mean, Std)	0.20382

Summary Statistics for ln()	
Minimum	-4.89285
Maximum	-0.82098
Mean	-2.5738
Standard Deviation	1.288217
Variance	1.659504

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.174811
MLE Standard Deviation	0.360666
MLE Median	0.076245
MLE Coefficient of Variation	2.063178
MVUE Estimate of Mean	0.162087
MVUE Estimate of Std. Dev.	0.261417
MVUE Estimate of SE	0.056686
MVUE Coefficient of Variation	1.612818

UCL Assuming Lognormal Distribution	
95% H-UCL	0.27866
95% Chebyshev (MVUE) UCL	0.409176
99% Chebyshev (MVUE) UCL	0.726108

FDEP Recommended UCL to Use:
0.20382

TABLE B-18
UCL 95 Residential BEQ - Post-Removal
Exposure Unit 2 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 7/27/10

Note: Results reflect censored parameter estimations based on distributional assumptions.

Censor Estimated Statistics for	
Number of Samples	21
Number of Censored Data	11
Minimum Non-censored	0.01
Maximum	0.14
Mean	0.015146
Median	0.00125
Standard Deviation	0.056297
Variance	0.003169
Coefficient of Variation	3.716865
Skewness	1.549306
Fit	0.97593

95% UCL (Assuming Normal Data)	
Student's-t	0.036335

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.038238
Modified-t	0.036784

95% Non-parametric UCL	
CLT	0.035355
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	0.067247

Censor Estimated Statistics for ln()	
Minimum	-6.68461
Maximum	-1.96611
Mean	0.015146
Standard Deviation	0.056297
Variance	0.003169

Goodness-of-Fit Results	
Distribution Recommended	Normal
Distribution Used	Normal

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.036335

TABLE B-19
UCL 95 Residential PCBs - Removal
Exposure Unit 3 (0 - 0.5 ft bgs)

FDEP UCL Calculator Version 1.0 7/27/10

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	53
Number of Censored Data	38
Minimum	0.32
Maximum	1.3
Mean	0.185302
Median	0.1
Standard Deviation	0.220866
Variance	
Coefficient of Variation	1.191928
Skewness	2.633757

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.317544
Bounding (1/2 DL)	0.250282

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.317544

TABLE B-20
Data - Residential
Exposure Unit 3 (0 - 0.5 ft bgs)

Location	Depth	Field ID	Activity	Sample Date	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Units	PCB-1260 (AROCHLOR 1260) Exceeds 3x SCTL	BEQ Exceeds 3x SCTL	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Remove
G4	0-0.5	45-G4(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.11	J	--	--	mg/kg			0.11	J	--	--	
G6	0-0.5	45-G6(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
G8	0-0.5	45-G8(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.25	J	--	--	mg/kg			0.25	J	--	--	
H1	0-0.5	45-H1(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.063	J	--	--	mg/kg			0.063	J	--	--	
H1	0-0.5	HFSB-H1-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	**5.7**	=	**1.01**	=	mg/kg	X	X	0.024	U	0.0025	U	X
H10	0-0.5	45-H10(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
H3	0-0.5	45-H3(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
H4	0-0.5	45-H4(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
H4	0-0.5	HFSB-H4-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	1.3	=	**2.27**	=	mg/kg		X	1.3	=	0.0025	U	X
H5	0-0.5	HFSB-H5-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.17	=	**1.08**	=	mg/kg		X	0.17	=	0.0025	U	X
H6	0-0.5	45-H6(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
H8	0-0.5	45-H8(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
HFSB-01	0-0.5	HFSB-01-000.5	ParcelK-Soil Sampling April 2009	Apr-09	0.39	=	**4.13**	=	mg/kg		X	0.39	=	0.0025	U	X
HFSB-02	0-0.5	HFSB-02-000.5	ParcelK-Soil Sampling April 2009	Apr-09	0.0062	U	**16.19**	=	mg/kg		X	0.0062	U	0.0025	U	X
HFSB-03	0-0.5	HFSB-03-000.5	ParcelK-Soil Sampling April 2009	Apr-09	**3.7**	=	**0.33**	=	mg/kg	X	X	0.024	U	0.0025	U	X
HFSB-04	0-0.5	HFSB-04-000.5	ParcelK-Soil Sampling April 2009	Apr-09	**1.7**	=	**0.93**	=	mg/kg	X	X	0.024	U	0.0025	U	X
I1	0-0.5	HFSB-I1-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	**2.9**	=	0.2	=	mg/kg	X		0.024	U	0.2	=	X
I2	0-0.5	HFSB-I2-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	**2.4**	=	**1.04**	=	mg/kg	X	X	0.024	U	0.0025	U	X
I3	0-0.5	HFSB-I3-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.57	=	**0.62**	=	mg/kg		X	0.57	=	0.0025	U	X
I4	0-0.5	HFSB-I4-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.12	B	**1.44**	=	mg/kg		X	0.12	B	0.0025	U	X
I5	0-0.5	HFSB-I5-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.0088	B	**14.87**	=	mg/kg		X	0.0088	B	0.0025	U	X
J1	0-0.5	HFSB-J1-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	**8.3**	B	0.29	=	mg/kg	X		0.024	U	0.29	=	X
J2	0-0.5	HFSB-J2-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.1	B	**4.78**	=	mg/kg		X	0.1	B	0.0025	U	X
J3	0-0.5	HFSB-J3-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.057	JB	**0.39**	=	mg/kg		X	0.057	JB	0.0025	U	X
J4	0-0.5	HFSB-J4-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.014	B	**0.33**	=	mg/kg		X	0.014	B	0.0025	U	X
J5	0-0.5	HFSB-J5-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.092	B	**0.89**	=	mg/kg		X	0.092	B	0.0025	U	X
Q1	0-0.5	45-Q1(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.34	U	--	--	mg/kg			0.34	U	--	--	
Q10	0-0.5	45-Q10(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
Q3	0-0.5	45-Q3(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
Q4	0-0.5	45-Q4(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.34	U	--	--	mg/kg			0.34	U	--	--	
Q6	0-0.5	45-Q6(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
SW-G2	0-0.5	45-SW-G2	Nov. sampling	12-Nov-07	0.5	=	--	--	mg/kg			0.5	=	--	--	
X6	0-0.5	45-X6(0-0.5)-091906	DRMO Truman Annex PCB and Lead Sampling	19-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
X8	0-0.5	45-X8(0-0.5)-091906	DRMO Truman Annex PCB and Lead Sampling	19-Sep-06	0.1	J	--	--	mg/kg			0.1	J	--	--	
Y10	0-0.5	45-Y10(0-0.5)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
Y11	0-0.5	45-Y11(0-0.5)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
Y2	0-0.5	45-Y2(0-0.5)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
Y5	0-0.5	45-Y5(0-0.5)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	0.31	U	--	--	mg/kg			0.31	U	--	--	
Y7	0-0.5	45-Y7(0-0.5)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	0.31	U	--	--	mg/kg			0.31	U	--	--	
SB02A	0-0.5	HFSB02A-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	**22.6**	=	mg/kg		X	--	--	0.0025	U	X
SB02E	0-0.5	HFSB02E-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	**35.9**	=	mg/kg		X	--	--	0.0025	U	X
SB02N	0-0.5	HFSB02N-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	**15.3**	=	mg/kg		X	--	--	0.0025	U	X
SB02N2	0-0.5	HFSB02N20.0-0.5	ParcelK-SoilSampling2009	24-Jul-09	--	--	**0.8**	=	mg/kg		X	--	--	0.0025	U	X
SB02S	0-0.5	HFSB02S-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	**6.8**	=	mg/kg		X	--	--	0.0025	U	X
SB02W	0-0.5	HFSB02W-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	**7.9**	=	mg/kg		X	--	--	0.0025	U	X

TABLE B-20
Data - Residential
Exposure Unit 3 (0 - 0.5 ft bgs)

Location	Depth	Field ID	Activity	Sample Date	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Units	PCB-1260 (AROCHLOR 1260) Exceeds 3x SCTL	BEQ Exceeds 3x SCTL	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Remove
G1	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
G10	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
G2	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
Q5	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
Q7	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
Q8	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X1	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X10	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X4	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X5	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X9	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
Y3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
Y8	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	

Chemical	UCL	SCTL	Ratio
PCBs	0.3175	0.5	0.64
BEQ		0.1	0.00
		Sum	0.64

UCL generated via FLU-UCL

Removed because concentration exceeds 3x the SCTL
Concentration would be removed by virtue of the PCB concentration. As such, no detected concentrations remain.

NOTE: There are 2 remaining detected concentrations. A UCL can be generated using ProUCL. However - both locations would be removed by virtue of their PCB concentrations.

TABLE B-21

Summary of Site Characteristics Pre/Post Removal - Residential

Exposure Unit 3 (0.5 - 2.0 ft bgs)

	Pre-Removal Action Site Characteristics - Zone 3 - 0.5-2.0 ft bgs				
Chemical	**FOD**	**Min**	**Max**	**Mean**	**FL-UCL Before Removal**
PCBS (1260)	11 / 57	1.00E-02	4.30E-01	--	0.2
BEQ	22 / 36	1.00E-02	1.29E+01	--	2.1

	Post-Removal Action Site Characteristics 0.5-2.0 ft bgs				
Chemical	**FOD**	**Min**	**Max**	**Mean**	**FL-UCL After Removal**
BEQ	14 / 28	1.00E-02	2.10E-01	--	0.08

	Post-Removal Action Site Characteristics 0.5-2.0 ft bgs				
Chemical	**Max**	**FL-UCL After Removal**	**Residential SCTL**	**Max Concentration Exceeds 3 x SCTL**	**Apportioned Ratio Approach**
PCBS (1260)	0.43	0.25	0.5	No	0.49
BEQ	2.10E-01	0.08	0.10	No	0.79
				Sum of Ratios:	1.28

FOD = Frequency of Detection

Min = Minimum Concentration

Max = Maximum Concentration

Mean = Mean Concentration

FL UCL = Upper Confidence Limit calculated using FDEP UCL Calculator Version 1.0

SCTL = Soil Clean Up Target Level

All units are expressed in mg/kg.

TABLE B-22
BEQ - Residential
Exposure Unit 3 (0.5 - 2.0 ft bgs)

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units
G1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
G10	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
G2	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
Q5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
Q7	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
Q8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
X1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
X10	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
X3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
X4	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
X5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
X9	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
Y3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
Y8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
H1	0.5-2	HFSB-H1-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.07	=	mg/kg
H4	0.5-2	HFSB-H4-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.02	=	mg/kg
H5	0.5-2	HFSB-H5-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.02	=	mg/kg
I1	0.5-2	HFSB-I1-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.1	=	mg/kg
I3	0.5-2	HFSB-I3-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.15	=	mg/kg
I4	0.5-2	HFSB-I4-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.01	=	mg/kg
J1	0.5-2	HFSB-J1-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.13	=	mg/kg
J3	0.5-2	HFSB-J3-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.04	=	mg/kg
J4	0.5-2	HFSB-J4-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.03	=	mg/kg
J5	0.5-2	HFSB-J5-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.02	=	mg/kg
SB02A	0.5-2	HFSB02A-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	0.21	=	mg/kg
SB02E	0.5-2	HFSB02E-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	0.03	=	mg/kg
SB02N2	0.5-2	HFSB02N20.5-2.0	ParcelK-SoilSampling2009	24-Jul-09	BEQ	0.09	=	mg/kg
SB02W	0.5-2	HFSB02W-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	0.02	=	mg/kg

Samples to be Removed

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units	Location removed because concentration exceeds 3x SCTL
HFSB-01	0.5-2	HFSB-01-0.502	ParcelK-Soil Sampling April 2009	Arpil 2009	BEQ	1.22	=	mg/kg	X
HFSB-02	0.5-2	HFSB-02-0.502	ParcelK-Soil Sampling April 2009	Arpil 2009	BEQ	1.24	=	mg/kg	X
HFSB-03	0.5-2	HFSB-03-0.502	ParcelK-Soil Sampling April 2009	Arpil 2009	BEQ	1.12	=	mg/kg	X
HFSB-04	0.5-2	HFSB-04-0.502	ParcelK-Soil Sampling April 2009	Arpil 2009	BEQ	0.37	=	mg/kg	X
I2	0.5-2	HFSB-I2-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.43	=	mg/kg	X
I5	0.5-2	HFSB-I5-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.34	=	mg/kg	X
J2	0.5-2	HFSB-J2-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.43	=	mg/kg	X
SB02N	0.5-2	HFSB02N-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	12.86	=	mg/kg	X

TABLE B-23
PCBs - Residential
Exposure Unit 3 (0.5 - 2.0 ft bgs)

Maximum concentration (0.43) does not exceed SCTL.

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units
G3	0.5-2	45-G3(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.071	J	mg/kg
G4	0.5-2	45-G4(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.082	J	mg/kg
G5	0.5-2	45-G5(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
G6	0.5-2	45-G6(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
G7	0.5-2	45-G7(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
G9	0.5-2	45-G9(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.069	J	mg/kg
H10	0.5-2	45-H10(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
H2	0.5-2	45-H2(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
H3	0.5-2	45-H3(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
H4	0.5-2	45-H4(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
H5	0.5-2	45-H5(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
H7	0.5-2	45-H7(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
H9	0.5-2	45-H9(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
Q10	0.5-2	45-Q10(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
Q2	0.5-2	45-Q2(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
Q3	0.5-2	45-Q3(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
Q4	0.5-2	45-Q4(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
Q9	0.5-2	45-Q9(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
X2	0.5-2	45-X2(0.5-2)-091906	DRMO Truman Annex PCB and Lead Sampling	19-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
X7	0.5-2	45-X7(0.5-2)-091906	DRMO Truman Annex PCB and Lead Sampling	19-Sep-06	PCB-1260 (AROCHLOR 1260)	0.13	J	mg/kg
Y1	0.5-2	45-Y1(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.31	U	mg/kg
Y10	0.5-2	45-Y10(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.059	J	mg/kg
Y11	0.5-2	45-Y11(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.43	=	mg/kg
Y12	0.5-2	45-Y12(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.31	U	mg/kg
Y2	0.5-2	45-Y2(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
Y4	0.5-2	45-Y4(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
Y5	0.5-2	45-Y5(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
Y6	0.5-2	45-Y6(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
Y7	0.5-2	45-Y7(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.082	J	mg/kg
Y9	0.5-2	45-Y9(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
G1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
G10	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
G2	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
Q5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
Q7	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
Q8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
X1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
X10	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
X3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
X4	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
X5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
X9	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
Y3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
Y8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
H1	0.5-2	HFSB-H1-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.035	=	mg/kg
H4	0.5-2	HFSB-H4-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
H5	0.5-2	HFSB-H5-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
I1	0.5-2	HFSB-I1-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
I3	0.5-2	HFSB-I3-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.025	U	mg/kg
I4	0.5-2	HFSB-I4-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
J1	0.5-2	HFSB-J1-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.069	B	mg/kg
J3	0.5-2	HFSB-J3-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.014	B	mg/kg
J4	0.5-2	HFSB-J4-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
J5	0.5-2	HFSB-J5-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.025	U	mg/kg

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units	Location Removed because of BEQ concentrations
I2	0.5-2	HFSB-I2-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.026	U	MG/KG	X
I5	0.5-2	HFSB-I5-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.024	U	MG/KG	X
J2	0.5-2	HFSB-J2-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.01	B	MG/KG	X

TABLE B-24
UCL 95 Residential PCBs - Pre-Removal
Exposure Unit 3 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 7/27/10

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	57
Number of Censored Data	46
Minimum	0.32
Maximum	0.43
Mean	0.159421
Median	0.069
Standard Deviation	0.148468
Variance	
Coefficient of Variation	0.931297
Skewness	0.318642

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.245139
Bounding (1/2 DL)	0.137486

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.245139

TABLE B-25
UCL 95 Residential BEQ - Pre-Removal
Exposure Unit 3 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 7/27/10

Note: Results reflect censored parameter estimations based on distributional assumptions.

Censor Estimated Statistics for	
Number of Samples	36
Number of Censored Data	14
Minimum Non-censored	0.01
Maximum	12.86
Mean	NA
Median	NA
Standard Deviation	NA
Variance	NA
Coefficient of Variation	NA
Skewness	NA

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	2.08214

Censor Estimated Statistics for ln()	
Minimum	-6.68461
Maximum	2.554122
Mean	-3.97207
Standard Deviation	3.032204
Variance	9.194264
Fit	0.984488

Goodness-of-Fit Results	
Distribution Recommended	Lognormal
Distribution Used	Lognormal

Estimates Assuming Lognormal Distribution	
MLE Mean	1.868368
MLE Standard Deviation	185.3316
MLE Median	0.018834
MLE Coefficient of Variation	99.19435
MVUE Estimate of Mean	0.840589
MVUE Estimate of Std. Dev.	7.863786
MVUE Estimate of SE	0.662811
MVUE Coefficient of Variation	9.355088

UCL Assuming Lognormal Distribution	
95% H-UCL	29.17026
95% Chebyshev (MVUE) UCL	3.729718
99% Chebyshev (MVUE) UCL	7.435497

FDEP Recommended UCL to Use:
2.08214

TABLE B-26
UCL 95 Residential BEQ - Post-Removal
Exposure Unit 3 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 7/27/10

Note: Results reflect censored parameter estimations based on distributional assumptions.

Censor Estimated Statistics for	
Number of Samples	28
Number of Censored Data	14
Minimum Non-censored	0.01
Maximum	0.21
Mean	NA
Median	NA
Standard Deviation	NA
Variance	NA
Coefficient of Variation	NA
Skewness	NA

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	0.078722

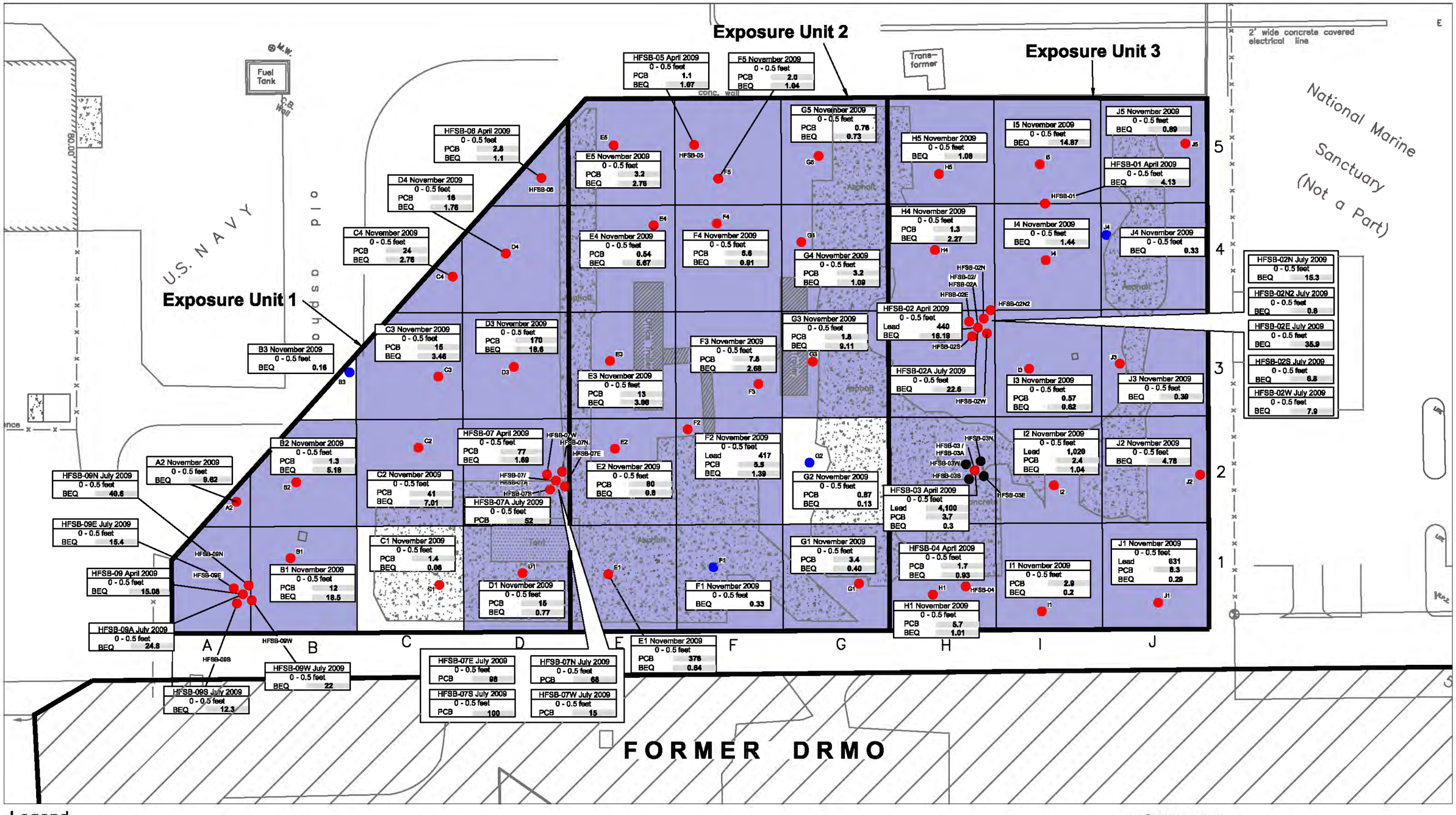
Censor Estimated Statistics for ln()	
Minimum	-6.68461
Maximum	-1.56065
Mean	-4.91362
Standard Deviation	2.093234
Variance	4.381629
Fit	0.95966

Goodness-of-Fit Results	
Distribution Recommended	Lognormal
Distribution Used	Lognormal

Estimates Assuming Lognormal Distribution	
MLE Mean	0.06569
MLE Standard Deviation	0.583752
MLE Median	0.007346
MLE Coefficient of Variation	8.886404
MVUE Estimate of Mean	0.045405
MVUE Estimate of Std. Dev.	0.141964
MVUE Estimate of SE	0.028583
MVUE Coefficient of Variation	3.126609

UCL Assuming Lognormal Distribution	
95% H-UCL	0.343824
95% Chebyshev (MVUE) UCL	0.169996
99% Chebyshev (MVUE) UCL	0.329804

FDEP Recommended UCL to Use:
0.078722



Legend

- Sample Location
- Exceeds Industrial Screening Standard
- Exceeds Residential Screening Standard
- **1.8** Residential Exceedance
- **3.4** Industrial Exceedance

Note: All concentrations and screening criteria are reported in mg/kg.

Area to be Excavated

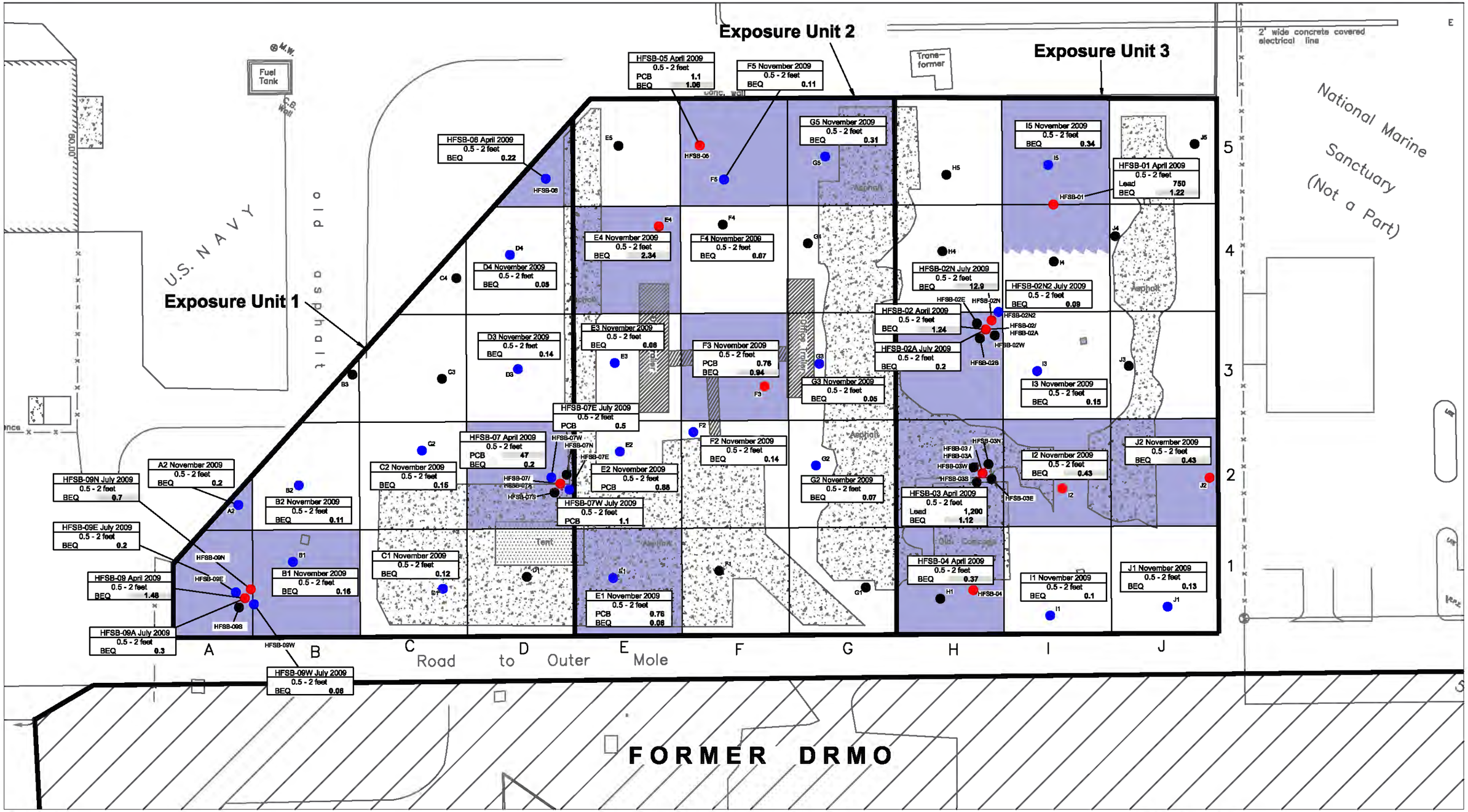
0 50 100
Feet

Residential Screening Standards

Analyte	SCTL	Apportioned SCTL	Action Level (3 X SCTL)
Lead	400	400	1200
PCB	0.5	0.25	1.5
BEQ	0.1	0.05	0.3

FIGURE B-1
Residential 95% UCL Exceedance Map
0 - 0.5 feet bgs
Parcel K - Truman Annex
Key West, Florida

CH2MHILL



Legend

- Sample Location
- Exceeds Industrial Screening Standard
- Exceeds Residential Screening Standard
- **0.11** Residential Exceedance
- **1.48** Industrial Exceedance

Area to be Excavated

0 50 100 Feet

Note: All concentrations and screening criteria are reported in mg/kg.

Residential Screening Standards			
Analyte	SCTL	Apportioned SCTL	Action Level (3 X SCTL)
Lead	400	400	1200
PCB	0.5	0.25	1.5
BEQ	0.1	0.05	0.3

FIGURE B-2
Residential 95% UCL Exceedance Map
0.5 - 2 feet bgs
Parcel K - Truman Annex
Key West, Florida

CH2MHILL

Appendix C
Calculations

TABLE C-1
Recreational Exposure Factors from FDEP (Ligia Mora-Applegate)

Exposure Factor	Abbreviation	Value	Unit
Target Risk	TR	0.000001	--
Target Hazard Index	THI	1	--
Body Weight	BW	39	Kg
Averaging Time	--	--	--
Cancer	ATc	25550	Days
Non-Cancer	ATnc	5110	Days
Relative Bioavailability	RBA	Chem Specific	--
Exposure Frequency	EF	200	Days/Year
Exposure Duration	ED	14	Year
Fraction from Contaminated Source	FC	1	--
Oral Ingestion Rate	IRo	129	mg/Day
Surface Area of Skin	SA	4200	Cm^2
Adherence Factor	AF	0.11	mg/Cm^2
Dermal Absorption	DA	0.01	--
Organics	--	0.01	--
Inorganics	--	0.001	--
Inhalation Rate	IRi	12.2	m^3/day
Volatilization Factor	VF	Chem Specific	m^3/day
Particulate Emissions Factor	PEF	1240000000	m^3/day

SCTL = $\dfrac{1}{\text{(1/Ingestion Component) + (1/Dermal Component) + (1/Inhalation Component)}}$

Cancer

Ingestion Component $\dfrac{\text{(TR xBW x ATc x RBA)}}{\text{(EF x ED x FC x (CSFo x IRo x 1E-6))}}$

Dermal Component $\dfrac{\text{(TR x BW x ATc x RBA)}}{\text{(EF x ED x FC x (CSFd x SA x AF x DA x 1E-6))}}$

Inhalation Component $\dfrac{\text{(TR x BW x ATc x RBA)}}{\text{(EFx ED x FC x (CSFi x SA x AF x DA x 1E-6))}}$

Non-Cancer

Ingestion Component $\dfrac{\text{(THI x BW x ATnc x RBA)}}{\text{(EF x ED x FC x (IRo x 1E-6 x (1/RfDo)))}}$

Dermal Component $\dfrac{\text{(THI x BW x ATnc x RBA)}}{\text{(EF x ED x FC x (SA x AF x DA x 1E-6 x (1/RfDd)))}}$

Inhalation Component $\dfrac{\text{(THI x BW x ATnc x RBA)}}{\text{(EF x ED x FC x (IRi x (1/RfDi) x ((1/PEF)+(1/VF))))}}$

Note:
CSFo = Oral Slope Factor
CSFd = Cancer Slope Factor Dermal
CSFi = Cancer Slope Factor Inhalation
RfDo = Oral Reference Dose
RfDd = Dermal Reference Dose
RfDi = Inhalation Reference Dose

The results of estimated recreational SCTLs are included in Tables C-2 and C-3

TABLE C-2
Calculation of Non-Cancer SCTL

Chemical	RfDo	RfDd	RfDi	VF (mg/m^3)	Ingestion Component	Dermal Component	Inhalation Component	SCTL (mg/kg)
Lead	--	--	--	NA	--	--	--	--
PCBS (1260)	2.0E-05	2.0E-05	2.0E-05	5.0E+05	1.1E+01	3.1E+02	5.8E+01	9.0E+00
BEQ	--	--	--	1.3E+07	--	--	--	--

Note:
RfDo = Oral Reference Dose
RfDd = Dermal Reference Dose
RfDi = Inhalation Reference Dose
VF = Volatilization Factor (Child)
SCTL = Soil Cleanup Target Level

TABLE C-3
Calculation of Cancer SCTL

Chemical	CSFo	CSFd	CSFi	VF (mg/m^3)	Ingestion Component	Dermal Component	Inhalation Component	SCTL (mg/kg)
Lead	NA	NA	NA	NA	NA	NA	NA	NA
PCBS (1260)	2.0E+00	2.0E+00	3.5E-01	5.0E+05	1.4E+00	3.9E+01	4.1E+01	1.3E+00
BEQ	7.3E+00	1.5E+01	3.1E+00	1.3E+07	3.8E-01	5.3E+00	1.2E+02	3.5E-01

Note:
CSFo = Oral Slope Factor
CSFd = Cancer Slope Factor Dermal
CSFi = Cancer Slope Factor Inhalation
VF = Volatilization Factor (Child)
SCTL = Soil Cleanup Target Level

TABLE C4

Industrial and Recreational Scenario Based Residual UCL and Risk Estimates for Exposure Units 1, 2 and 3

Industrial Scenario

Exposure Unit 1 - 0-0.5 ft bgs

Chemical	FL-UCL After Removal	Industrial SCTL	Apportioned Ratio Approach
PCBs	0.44899815	2.6	0.17
BEQ	0.31661275	0.7	0.45
		Sum of Ratios:	0.62

Exposure Unit 1 - 0.5-2.0 ft bgs

Chemical	FL-UCL After Removal	Industrial SCTL	Apportioned Ratio Approach
PCBs (1260)	0.36	2.60	0.14
BEQ	0.20	0.70	0.29
		Sum of Ratios:	0.43

Recreational Scenrio

Exposure Unit 1 - 0-0.5 ft bgs

Chemical	FL-UCL After Removal	Recreational SCTL	Ratio
BEQ	0.180	0.35	0.51
PCBs	0.449	1.29	0.35
		Sum of Ratios:	0.86

Exposure Unit 1 - 0.5-2.0 ft bgs

Chemical	FL-UCL After Removal	Recreational SCTL	Apportioned Ratio Approach
BEQ	0.21	0.35	0.59
PCBs (1260)	0.36	1.29	0.28
		Sum of Ratios:	**0.87**

Industrial Scenario

Exposure Unit 2 - 0-0.5 ft bgs

Chemical	FL-UCL After Removal	Industrial SCTL	Apportioned Ratio Approach
PCBs	0.784	2.6	0.30
BEQ	0.482	0.7	0.69
		Sum of Ratios:	0.99

Exposure Unit 2 - 0.5-2.0 ft bgs

Chemical	FL-UCL After Removal	Industrial SCTL	Apportioned Ratio Approach
PCBs	0.34	2.6	0.13
BEQ	0.35	0.70	0.50
		Sum of Ratios:	0.63

Recreational Scenrio

Exposure Unit 2 - 0-0.5 ft bgs

Chemical	FL-UCL After Removal	Recreational SCTL	Ratio
PCBs	0.57	1.29	0.44
BEQ	0.19	0.35	0.53
		Sum of Ratios:	0.97

Exposure Unit 2 - 0.5-2.0 ft bgs

Chemical	FL-UCL After Removal	Recreational SCTL	Apportioned Ratio Approach
PCBs (1260)	0.27	1.29	0.21
BEQ	0.25	0.35	0.71
		Sum of Ratios:	**0.92**

Industrial Scenario

Exposure Unit 3 - 0-0.5 ft bgs

Chemical	FL-UCL After Removal	Industrial SCTL	Apportioned Ratio Approach
PCBs	0.769	2.6	0.30
BEQ	0.216	0.7	0.31
		Sum of Ratios:	0.60

Exposure Unit 3 - 0.5-2.0 ft bgs

Chemical	FL-UCL After Removal	Industrial SCTL	Apportioned Ratio Approach
PCBs (1260)	0.25	2.6	0.09
BEQ	0.43	0.70	0.61
		Sum of Ratios:	0.70

Recreational Scenrio

Exposure Unit 3 - 0-0.5 ft bgs

Chemical	FL-UCL After Removal	Recreational SCTL	Ratio
PCBs	0.26	1.29	0.20
BEQ	0.23	0.35	0.65
		Sum of Ratios:	0.84

Exposure Unit 3 - 0.5-2.0 ft bgs

Chemical	FL-UCL After Removal	Recreational SCTL	Apportioned Ratio Approach
PCBs (1260)	0.25	1.29	0.19
BEQ	0.18	0.35	0.51
		Sum of Ratios:	**0.70**

TABLE C-5
Data - Recreational
Exposure Unit 1 (0 - 0.5 ft bgs)

Residentual Concentration Remaining

Location	Depth	Field ID	Activity	Sample Date	BEQ	Qualifier	PCB-1260 (AROCHLOR 1260) Final Result	Qualifier	Units	BEQ Exceeds 3x SCTL	PCBs Exceeds 3X SCTL	BEQ	Qualifier	PCB-1260 (AROCHLOR 1260) Final Result	Qualifier	Remove
A2	0-0.5	HFSB-A2-000.5	ParcelK-SoilInvestigation200!	05-Nov-0!	9.62	=	0.32	J	mg/kg	X		0.0025	U	0.32	J	X
B1	0-0.5	HFSB-B1-000.5	ParcelK-SoilInvestigation200!	05-Nov-0!	18.5	=	12	=	mg/kg	X	X	0.0025	U	0.024	U	X
B2	0-0.5	HFSB-B2-000.5	ParcelK-SoilInvestigation200!	05-Nov-0!	5.18	=	1.3	J	mg/kg	X		0.0025	U	1.3	J	X
B3	0-0.5	HFSB-B3-000.5	ParcelK-SoilInvestigation200!	05-Nov-0!	0.16	=	0.11	=	mg/kg			0.16	=	0.11	=	
C1	0-0.5	HFSB-C1-000.5	ParcelK-SoilInvestigation200!	05-Nov-0!	0.12	=	1.4	=	mg/kg			0.12	=	1.4	=	
C2	0-0.5	HFSB-C2-000.5	ParcelK-SoilInvestigation200!	05-Nov-0!	7.01	=	41	=	mg/kg	X	X	0.0025	U	0.024	U	X
C3	0-0.5	HFSB-C3-000.5	ParcelK-SoilInvestigation200!	05-Nov-0!	3.46	=	15	=	mg/kg	X	X	0.0025	U	0.024	U	X
C4	0-0.5	HFSB-C4-000.5	ParcelK-SoilInvestigation200!	05-Nov-0!	2.76	=	24	=	mg/kg	X	X	0.0025	U	0.024	U	X
D1	0-0.5	HFSB-D1-000.5	ParcelK-SoilInvestigation200!	05-Nov-0!	0.77	=	15	=	mg/kg		X	0.77	=	0.024	U	X
D3	0-0.5	HFSB-D3-000.5	ParcelK-SoilInvestigation200!	05-Nov-0!	18.6	=	170	=	mg/kg	X	X	0.0025	U	0.024	U	X
D4	0-0.5	HFSB-D4-000.5	ParcelK-SoilInvestigation200!	05-Nov-0!	1.76	=	16	=	mg/kg	X	X	0.0025	U	0.024	U	X
HFSB-06	0-0.5	HFSB-06-000.5	ParcelK-Soil Sampling April 200!	Apr-09	1.1	=	2.8	=	mg/kg	X		0.0025	U	2.8	=	X
HFSB-07	0-0.5	HFSB-07-000.5	ParcelK-Soil Sampling April 200!	Apr-09	1.69	=	77	=	mg/kg	X	X	0.0025	U	0.024	U	X
HFSB-09	0-0.5	HFSB-09-000.5	ParcelK-Soil Sampling April 200!	Apr-09	15.08	=	0.006	U	mg/kg	X		0.0025	U	0.006	U	X
SB09A	0-0.5	HFSB09A-0.0-0.5ft	ParcelK-SoilSampling200!	23-Jul-09	24.8	=	--	--	mg/kg	X		0.0025	U	--	--	X
SB09E	0-0.5	HFSB09E-0.0-0.5ft	ParcelK-SoilSampling200!	23-Jul-09	15.4	=	--	--	mg/kg	X		0.0025	U	--	--	X
SB09N	0-0.5	HFSB09N-0.0-0.5ft	ParcelK-SoilSampling200!	23-Jul-09	40.6	=	--	--	mg/kg	X		0.0025	U	--	--	X
SB09S	0-0.5	HFSB09S-0.0-0.5ft	ParcelK-SoilSampling200!	23-Jul-09	12.3	=	--	--	mg/kg	X		0.0025	U	--	--	X
SB09W	0-0.5	HFSB09W-0.0-0.5ft	ParcelK-SoilSampling200!	23-Jul-09	22	=	--	--	mg/kg	X		0.0025	U	--	--	X
D2	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
D3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
E1	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
E2	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
E3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
E7	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
D6	0-0.5	45-D6(0-0.5)-091406	IO Truman Annex PCB and Lead Sar	14-Sep-06	--	--	0.34	=	mg/kg			--	--	0.34	=	
D7	0-0.5	45-D7(0-0.5)-091406	IO Truman Annex PCB and Lead Sar	14-Sep-06	--	--	0.36	U	mg/kg			--	--	0.36	U	
D8	0-0.5	45-D8(0-0.5)-091406	IO Truman Annex PCB and Lead Sar	14-Sep-06	--	--	0.069	J	mg/kg			--	--	0.069	J	
E4	0-0.5	45-E4(0-0.5)-091406	IO Truman Annex PCB and Lead Sar	14-Sep-06	--	--	0.34	U	mg/kg			--	--	0.34	U	
E6	0-0.5	45-E6(0-0.5)-091406	IO Truman Annex PCB and Lead Sar	14-Sep-06	--	--	0.39	=	mg/kg			--	--	0.39	=	
E9	0-0.5	45-E9(0-0.5)-091406	IO Truman Annex PCB and Lead Sar	14-Sep-06	--	--	0.34	U	mg/kg			--	--	0.34	U	
L3	0-0.5	45-L3-(0-0.5)-090606	DRMO-2006-Data	06-Sep-06	--	--	0.1	J	mg/kg			--	--	0.1	J	
L7	0-0.5	45-L7(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.33	U	mg/kg			--	--	0.33	U	
M1	0-0.5	45-M1(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.33	U	mg/kg			--	--	0.33	U	
M3	0-0.5	45-M3(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.33	U	mg/kg			--	--	0.33	U	
M5	0-0.5	45-M5(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.34	U	mg/kg			--	--	0.34	U	
M7	0-0.5	45-M7(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.14	J	mg/kg			--	--	0.14	J	
M9	0-0.5	45-M9(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.34	U	mg/kg			--	--	0.34	U	
N1	0-0.5	45-N1(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.32	U	mg/kg			--	--	0.32	U	
N3	0-0.5	45-N3(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.2	J	mg/kg			--	--	0.2	J	
N5	0-0.5	45-N5(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.075	J	mg/kg			--	--	0.075	J	
N7	0-0.5	45-N7(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.33	U	mg/kg			--	--	0.33	U	
N9	0-0.5	45-N9(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.095	J	mg/kg			--	--	0.095	J	
SB07A	0-0.5	HFSB07A-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	52	=	mg/kg		X	--	--	0.024	U	X
SB07E	0-0.5	HFSB07E-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	98	=	mg/kg		X	--	--	0.024	U	X
SB07N	0-0.5	HFSB07N-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	68	=	mg/kg		X	--	--	0.024	U	X
SB07S	0-0.5	HFSB07S-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	100	=	mg/kg		X	--	--	0.024	U	X
SB07W	0-0.5	HFSB07W-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	15	=	mg/kg		X	--	--	0.024	U	X
SW-E1	0-0.5	45-SW-E1	Nov. sampling	12-Nov-07	--	--	0.039	=	mg/kg			--	--	0.039	=	
T6	0-0.5	45-T6(0-0.5)-060912	IO Truman Annex PCB and Lead Sar	12-Sep-06	--	--	0.33	U	mg/kg			--	--	0.33	U	
U1	0-0.5	45-U1(0-0.5)-060913	IO Truman Annex PCB and Lead Sar	13-Sep-06	--	--	0.32	U	mg/kg			--	--	0.32	U	
U3	0-0.5	45-U3(0-0.5)-060913	IO Truman Annex PCB and Lead Sar	13-Sep-06	--	--	0.33	U	mg/kg			--	--	0.33	U	
U4	0-0.5	45-U4(0-0.5)-060913	IO Truman Annex PCB and Lead Sar	13-Sep-06	--	--	0.33	U	mg/kg			--	--	0.33	U	
U6	0-0.5	45-U6(0-0.5)-060913	IO Truman Annex PCB and Lead Sar	13-Sep-06	--	--	0.32	U	mg/kg			--	--	0.32	U	
U7	0-0.5	45-U7(0-0.5)-060913	IO Truman Annex PCB and Lead Sar	13-Sep-06	--	--	0.32	U	mg/kg			--	--	0.32	U	
C1	0-0.5	45-C1(0-0.5)-060913	IO Truman Annex PCB and Lead Sar	13-Sep-06	--	--	0.32	U	mg/kg			--	--	0.32	U	
C3	0-0.5	45-C3(0-0.5)-060913	IO Truman Annex PCB and Lead Sar	13-Sep-06	--	--	0.33	U	mg/kg			--	--	0.33	U	
C5	0-0.5	45-C5(0-0.5)-060913	IO Truman Annex PCB and Lead Sar	13-Sep-06	--	--	0.25	J	mg/kg			--	--	0.25	J	
C6	0-0.5	45-C6(0-0.5)-060913	IO Truman Annex PCB and Lead Sar	13-Sep-06	--	--	0.16	J	mg/kg			--	--	0.16	J	
C7	0-0.5	45-C7(0-0.5)-060913	IO Truman Annex PCB and Lead Sar	13-Sep-06	--	--	0.35	=	mg/kg			--	--	0.35	=	
C9	0-0.5	45-C9(0-0.5)-060913	IO Truman Annex PCB and Lead Sar	13-Sep-06	--	--	0.34	U	mg/kg			--	--	0.34	U	
D10	0-0.5	45-D10(0-0.5)-091406	IO Truman Annex PCB and Lead Sar	14-Sep-06	--	--	0.34	U	mg/kg			--	--	0.34	U	
D4	0-0.5	45-D4(0-0.5)-091406	IO Truman Annex PCB and Lead Sar	14-Sep-06	--	--	0.22	J	mg/kg			--	--	0.22	J	

Green approach.

Chemical	UCL	SL	Ratio	
BEQ	0.180213	0.35	0.515	UCl based on FLU-UCL
PCB	0.448998	1.29	0.348	UCl based on FLU-UCL
		Sum:	0.863	

Exceedance Concentration Removed and replaced with ND-cleanfill

Note: Concentration was used in calculation of UCL, however concentration is expected to be ND-cleanfill post remediation.

TABLE C-6
PCBs - Post Removal
Exposure Unit 1 (0 - 0.5 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Summary Statistics for	
Number of Samples	58
Number of Censored Data	40
Minimum	0.003
Maximum	2.8
Mean	0.205328
Median	0.16
Standard Deviation	0.425726
Variance	0.181243
Coefficient of Variation	2.073399
Skewness	4.789524

95% UCL (Assuming Normal Data)	
Student's-t	0.298795

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.334854
Modified-t	0.304654

95% Non-parametric UCL	
CLT	0.297284
Jackknife	NA
Standard Bootstrap	0.29524
Bootstrap-t	0.447434
Chebyshev (Mean, Std)	0.448998

Summary Statistics for ln()	
Minimum	-5.80914
Maximum	1.029619
Mean	-2.62119
Standard Deviation	1.517633
Variance	2.303211

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.230022
MLE Standard Deviation	0.690305
MLE Median	0.072717
MLE Coefficient of Variation	3.001043
MVUE Estimate of Mean	0.204229
MVUE Estimate of Std. Dev.	0.419255
MVUE Estimate of SE	0.086058
MVUE Coefficient of Variation	2.05287

UCL Assuming Lognormal Distribution	
95% H-UCL	0.411115
95% Chebyshev (MVUE) UCL	0.579346
99% Chebyshev (MVUE) UCL	1.060495

FDEP Recommended UCL to Use:
0.448998

TABLE C-7
UCL Recreational BEQ - Post Removal
Exposure Unit 1 (0 - 0.5 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	25
Number of Censored Data	22
Minimum	0.12
Maximum	0.77
Mean	0.0442
Median	0.0025
Standard Deviation	0.156018
Variance	
Coefficient of Variation	3.529812
Skewness	4.564325

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.180213
Bounding (1/2 DL)	0.17938

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.180213

TABLE C-8

Data - Recreational

Exposure Unit 2 (0 - 0.5 ft bgs) 3.87 1.05

Residual Concentrations

Location	Depth	Field ID	Activity	Sample Date	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Units	PCB-1260 (AROCHLOR 1260) Exceeds 3x SCTL	BEQ Exceeds 3x SCTL	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Remove
E1	0-0.5	HFSB-E1-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	370	=	0.64	=	mg/kg	X		0.024	U	0.64	=	X
E2	0-0.5	HFSB-E2-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	80	J	0.8	=	mg/kg	X		0.024	U	0.0025	U	X
E3	0-0.5	HFSB-E3-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	13	=	3.86	=	mg/kg	X	X	0.024	U	0.0025	U	X
E4	0-0.5	HFSB-E4-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	0.49	=	5.67	=	mg/kg		X	0.024	U	0.0025	U	X
E5	0-0.5	HFSB-E5-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	3.2	J	2.76	=	mg/kg		X	0.024	U	0.0025	U	X
F1	0-0.5	HFSB-F1-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	0.12	=	0.33	=	mg/kg			0.12	=	0.33	=	
F2	0-0.5	HFSB-F2-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	5.5	J	1.39	=	mg/kg	X	X	0.024	U	0.0025	U	X
F3	0-0.5	HFSB-F3-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	7.8	=	2.68	=	mg/kg	X	X	0.024	U	0.0025	U	X
F4	0-0.5	HFSB-F4-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	6.6	JB	0.91	=	mg/kg	X		0.024	U	0.0025	U	X
F5	0-0.5	HFSB-F5-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	2	B	1.04	=	mg/kg			0.024	U	0.0025	U	X
G1	0-0.5	HFSB-G1-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	3.4	J	0.4	=	mg/kg			3.4	J	0.4	=	
G2	0-0.5	HFSB-G2-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	0.87	=	0.13	=	mg/kg			0.87	=	0.13	=	
G3	0-0.5	HFSB-G3-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	1.8	B	9.11	=	mg/kg		X	0.024	U	0.0025	U	X
G4	0-0.5	HFSB-G4-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	3.2	B	1.09	=	mg/kg		X	0.024	U	0.0025	U	X
G5	0-0.5	HFSB-G5-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	0.76	B	0.73	=	mg/kg			0.024	U	0.0025	U	X
HFSB-05	0-0.5	HFSB-05-000.5	ParcelK-Soil Sampling April 2009	Apr-09	1.1	=	1.07	=	mg/kg		X	0.024	U	0.0025	U	X
O5	0-0.5	45-O5(0-0.5)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	0.084	J	--	--	mg/kg			0.084	J	--	--	
O9	0-0.5	45-O9(0-0.5)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
P10	0-0.5	45-P10(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.35	U	--	--	mg/kg			0.35	U	--	--	
P2	0-0.5	45-P2(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.34	U	--	--	mg/kg			0.34	U	--	--	
P7	0-0.5	45-P7(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.35	U	--	--	mg/kg			0.35	U	--	--	
SW-E3	0-0.5	45-SW-E3	Nov. sampling	12-Nov-07	0.09	=	--	--	mg/kg			0.09	=	--	--	
V1	0-0.5	45-V1(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
V10	0-0.5	45-V10(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
V2	0-0.5	45-V2(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
V4	0-0.5	45-V4(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
V6	0-0.5	45-V6(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
V8	0-0.5	45-V8(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
W1	0-0.5	45-W1(0-0.5)-060908	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
W3	0-0.5	45-W3(0-0.5)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
W5	0-0.5	45-W5(0-0.5)-060908	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
W7	0-0.5	45-W7(0-0.5)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
W9	0-0.5	45-W9(0-0.5)-060908	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
F1	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
F10	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
F3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
F5	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
F6	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
F8	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
O1	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
O3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
O7	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
P5	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
P8	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	

UCLs and Sums based on Removal of Exceedance Concentrations

Chemical	UCL	SCTL	Ratio	
PCBs	1.080310583	1.29	0.84	**UCL generated via FLU-UCL**
BEQ	0.463547736	0.35	1.32	**UCL generated via FLU-UCL**
		Sum	2.16	

UCLs and Sums based on Removal of Additional Concentrations

Chemical	UCL	SCTL	Ratio	
PCBs	0.572330654	1.29	0.44	**UCL generated via FLU-UCL**
BEQ	0.185722575	0.35	0.53	**UCL generated via FLU-UCL**
		Sum	0.97	

TABLE C-9
UCL 95 Recreational Additional PCBs
Exposure Unit 2 (0 - 0.5 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	44
Number of Censored Data	39
Minimum	0.34
Maximum	3.4
Mean	0.229773
Median	0.024
Standard Deviation	0.521295
Variance	
Coefficient of Variation	2.268741
Skewness	5.490393

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.572331
Bounding (1/2 DL)	0.50715

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.572331

TABLE C-10
UCL 95 Recreational Additional BEQ
Exposure Unit 2 (0 - 0.5 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	27
Number of Censored Data	23
Minimum	0.13
Maximum	0.64
Mean	0.057685
Median	0.0025
Standard Deviation	0.152631
Variance	
Coefficient of Variation	2.645925
Skewness	2.970507

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.185723
Bounding (1/2 DL)	0.184993

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.185723

TABLE C-11
Data - Recreational
Exposure Unit 3 (0 - 0.5 ft bgs)

Location	Depth	Field ID	Activity	Sample Date	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Units	PCB-1260 (AROCHLOR 1260) Exceeds 3x SCTL	BEQ Exceeds 3x SCTL	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Remove
G4	0-0.5	45-G4(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.11	J	--	--	mg/kg			0.11	J	--	--	
G6	0-0.5	45-G6(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
G8	0-0.5	45-G8(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.25	J	--	--	mg/kg			0.25	J	--	--	
H1	0-0.5	45-H1(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.063	J	--	--	mg/kg			0.063	J	--	--	
H1	0-0.5	HFSB-H1-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	5.7	=	1.01	=	mg/kg	X		0.024	U	0.0025	U	X
H10	0-0.5	45-H10(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
H3	0-0.5	45-H3(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
H4	0-0.5	45-H4(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
H4	0-0.5	HFSB-H4-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	1.3	=	2.27	=	mg/kg		X	0.024	U	0.0025	U	X
H5	0-0.5	HFSB-H5-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.17	=	1.08	=	mg/kg		X	0.17	=	0.0025	U	X
H6	0-0.5	45-H6(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
H8	0-0.5	45-H8(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
HFSB-01	0-0.5	HFSB-01-000.5	ParcelK-Soil Sampling April 2009	Apr-09	0.39	=	4.13	=	mg/kg		X	0.39	=	0.0025	U	X
HFSB-02	0-0.5	HFSB-02-000.5	ParcelK-Soil Sampling April 2009	Apr-09	0.0062	U	16.19	=	mg/kg		X	0.0062	U	0.0025	U	X
HFSB-03	0-0.5	HFSB-03-000.5	ParcelK-Soil Sampling April 2009	Apr-09	3.7	=	0.33	=	mg/kg			0.024	U	0.33	=	X
HFSB-04	0-0.5	HFSB-04-000.5	ParcelK-Soil Sampling April 2009	Apr-09	1.7	=	0.93	=	mg/kg			0.024	U	0.0025	U	X
I1	0-0.5	HFSB-I1-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	2.9	=	0.2	=	mg/kg			0.024	U	0.2	=	X
I2	0-0.5	HFSB-I2-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	2.4	=	1.04	=	mg/kg			0.024	U	0.0025	U	X
I3	0-0.5	HFSB-I3-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.57	=	0.62	=	mg/kg			0.57	=	0.62	=	
I4	0-0.5	HFSB-I4-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.12	B	1.44	=	mg/kg		X	0.12	B	0.0025	U	X
I5	0-0.5	HFSB-I5-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.0088	B	14.87	=	mg/kg		X	0.0088	B	0.0025	U	X
J1	0-0.5	HFSB-J1-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	8.3	B	0.29	=	mg/kg	X		0.024	U	0.29	=	X
J2	0-0.5	HFSB-J2-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.1	B	4.78	=	mg/kg		X	0.1	B	0.0025	U	X
J3	0-0.5	HFSB-J3-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.057	JB	0.39	=	mg/kg			0.057	JB	0.39	=	
J4	0-0.5	HFSB-J4-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.014	B	0.33	=	mg/kg			0.014	B	0.33	=	
J5	0-0.5	HFSB-J5-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.092	B	0.89	=	mg/kg			0.092	B	0.89	=	
Q1	0-0.5	45-Q1(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.34	U	--	--	mg/kg			0.34	U	--	--	
Q10	0-0.5	45-Q10(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
Q3	0-0.5	45-Q3(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
Q4	0-0.5	45-Q4(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.34	U	--	--	mg/kg			0.34	U	--	--	
Q6	0-0.5	45-Q6(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
SW-G2	0-0.5	45-SW-G2	Nov. sampling	12-Nov-07	0.5	=	--	--	mg/kg			0.5	=	--	--	
X6	0-0.5	45-X6(0-0.5)-091906	DRMO Truman Annex PCB and Lead Sampling	19-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
X8	0-0.5	45-X8(0-0.5)-091906	DRMO Truman Annex PCB and Lead Sampling	19-Sep-06	0.1	J	--	--	mg/kg			0.1	J	--	--	
Y10	0-0.5	45-Y10(0-0.5)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
Y11	0-0.5	45-Y11(0-0.5)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
Y2	0-0.5	45-Y2(0-0.5)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
Y5	0-0.5	45-Y5(0-0.5)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	0.31	U	--	--	mg/kg			0.31	U	--	--	
Y7	0-0.5	45-Y7(0-0.5)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	0.31	U	--	--	mg/kg			0.31	U	--	--	
SB02A	0-0.5	HFSB02A-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	22.6	=	mg/kg		X	--	--	0.0025	U	X
SB02E	0-0.5	HFSB02E-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	35.9	=	mg/kg		X	--	--	0.0025	U	X
SB02N	0-0.5	HFSB02N-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	15.3	=	mg/kg		X	--	--	0.0025	U	X
SB02N2	0-0.5	HFSB02N20.0-0.5	ParcelK-SoilSampling2009	24-Jul-09	--	--	0.8	=	mg/kg			--	--	0.0025	U	X
SB02S	0-0.5	HFSB02S-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	6.8	=	mg/kg		X	--	--	0.0025	U	X

TABLE C-11
Data - Recreational
Exposure Unit 3 (0 - 0.5 ft bgs)

Location	Depth	Field ID	Activity	Sample Date	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Units	PCB-1260 (AROCHLOR 1260) Exceeds 3x SCTL	BEQ Exceeds 3x SCTL	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Remove
SB02W	0-0.5	HFSB02W-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	7.9	=	mg/kg		X	--	--	0.0025	U	X
G1	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
G10	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
G2	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
Q5	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
Q7	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
Q8	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X1	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X10	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X4	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X5	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X9	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
Y3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
Y8	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	

Chemical	UCL	SCTL	Ratio	
PCBs	0.7693	1.29	0.60	**UCL generated via FLU-UCL**
BEQ	0.425	0.35	1.21	**UCL generated via FLU-UCL**
		Sum	1.81	

Removed because concentration exceeds 3x the SCTL
Removed to decrease UCL

Chemical		SCTL	Ratio	
PCBs	0.2555	1.29	0.20	**UCL generated via FLU-UCL**
BEQ	0.2261	0.35	0.65	**UCL generated via FLU-UCL**
		Sum	0.84	

TABLE C-12
UCL 95 Recreational Additional PCBs
Exposure Unit 3 (0 - 0.5 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	53
Number of Censored Data	39
Minimum	0.32
Maximum	0.57
Mean	0.161226
Median	0.092
Standard Deviation	0.157469
Variance	
Coefficient of Variation	0.976692
Skewness	0.637316

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.255509
Bounding (1/2 DL)	0.176398

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.255509

TABLE C-13
UCL 95 Recreational Additional BEQ
E*xposure Unit 3 (0 - 0.5 ft bgs)*

FDEP UCL Calculator Version 1.0 8/9/10

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	37
Number of Censored Data	30
Minimum	0.2
Maximum	0.89
Mean	0.084459
Median	0.0025
Standard Deviation	0.197678
Variance	
Coefficient of Variation	2.340503
Skewness	2.768075

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.226115
Bounding (1/2 DL)	0.225411

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.226115

TABLE C-14
Data - Industrial
Exposure Unit 1 (0 - 0.5 ft bgs)

Residentual Concentration Remaining

Location	Depth	Field ID	Activity	Sample Date	BEQ	Qualifier	PCB-1260 (AROCHLOR 1260) Final Result	Qualifier	Units	BEQ Exceeds 3x SCTL	PCBs Exceeds 3X SCTL	BEQ	Qualifier	PCB-1260 (AROCHLOR 1260) Final Result	Qualifier	Remove
A2	0-0.5	HFSB-A2-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	9.62	=	0.32	J	mg/kg	X		0.0025	U	0.32	J	X
B1	0-0.5	HFSB-B1-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	18.5	=	12	=	mg/kg	X	X	0.0025	U	0.024	U	X
B2	0-0.5	HFSB-B2-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	5.18	=	1.3	J	mg/kg	X		0.0025	U	1.3	J	X
B3	0-0.5	HFSB-B3-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	0.16	=	0.11	=	mg/kg			0.16	=	0.11	=	
C1	0-0.5	HFSB-C1-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	0.12	=	1.4	=	mg/kg			0.12	=	1.4	=	
C2	0-0.5	HFSB-C2-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	7.01	=	41	=	mg/kg	X	X	0.0025	U	0.024	U	X
C3	0-0.5	HFSB-C3-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	3.46	=	15	=	mg/kg	X	X	0.0025	U	0.024	U	X
C4	0-0.5	HFSB-C4-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	2.76	=	24	=	mg/kg	X	X	0.0025	U	0.024	U	X
D1	0-0.5	HFSB-D1-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	0.77	=	15	=	mg/kg		X	0.77	=	0.024	U	X
D3	0-0.5	HFSB-D3-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	18.6	=	170	=	mg/kg	X	X	0.0025	U	0.024	U	X
D4	0-0.5	HFSB-D4-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	1.76	=	16	=	mg/kg		X	0.0025	U	0.024	U	X
HFSB-06	0-0.5	HFSB-06-000.5	ParcelK-Soil Sampling April 2009	Apr-09	1.1	=	2.8	=	mg/kg			1.1	=	2.8	=	
HFSB-07	0-0.5	HFSB-07-000.5	ParcelK-Soil Sampling April 2009	Apr-09	1.69	=	77	=	mg/kg		X	0.0025	U	0.024	U	X
HFSB-09	0-0.5	HFSB-09-000.5	ParcelK-Soil Sampling April 2009	Apr-09	15.08	=	0.006	U	mg/kg	X		0.0025	U	0.006	U	X
SB09A	0-0.5	HFSB09A-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	24.8	=	--	--	mg/kg	X		0.0025	U			X
SB09E	0-0.5	HFSB09E-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	15.4	=	--	--	mg/kg	X		0.0025	U			X
SB09N	0-0.5	HFSB09N-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	40.6	=	--	--	mg/kg	X		0.0025	U			X
SB09S	0-0.5	HFSB09S-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	12.3	=	--	--	mg/kg	X		0.0025	U			X
SB09W	0-0.5	HFSB09W-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	22	=	--	--	mg/kg	X		0.0025	U			X
D2	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
D3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
E1	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
E2	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
E3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
E7	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
D6	0-0.5	45-D6(0-0.5)-091406	O Truman Annex PCB and Lead Sar	14-Sep-06	--	--	0.34	=	mg/kg					0.34	=	
D7	0-0.5	45-D7(0-0.5)-091406	O Truman Annex PCB and Lead Sar	14-Sep-06	--	--	0.36	U	mg/kg					0.36	U	
D8	0-0.5	45-D8(0-0.5)-091406	O Truman Annex PCB and Lead Sar	14-Sep-06	--	--	0.069	J	mg/kg					0.069	J	
E4	0-0.5	45-E4(0-0.5)-091406	O Truman Annex PCB and Lead Sar	14-Sep-06	--	--	0.34	U	mg/kg					0.34	U	
E6	0-0.5	45-E6(0-0.5)-091406	O Truman Annex PCB and Lead Sar	14-Sep-06	--	--	0.39	=	mg/kg					0.39	=	
E9	0-0.5	45-E9(0-0.5)-091406	O Truman Annex PCB and Lead Sar	14-Sep-06	--	--	0.34	U	mg/kg					0.34	U	
L3	0-0.5	45-L3-(0-0.5)-090606	DRMO-2006-Data	06-Sep-06	--	--	0.1	J	mg/kg					0.1	J	
L7	0-0.5	45-L7(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.33	U	mg/kg					0.33	U	
M1	0-0.5	45-M1(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.33	U	mg/kg					0.33	U	
M3	0-0.5	45-M3(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.33	U	mg/kg					0.33	U	
M5	0-0.5	45-M5(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.34	U	mg/kg					0.34	U	
M7	0-0.5	45-M7(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.14	J	mg/kg					0.14	J	
M9	0-0.5	45-M9(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.34	U	mg/kg					0.34	U	
N1	0-0.5	45-N1(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.32	U	mg/kg					0.32	U	
N3	0-0.5	45-N3(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.2	J	mg/kg					0.2	J	
N5	0-0.5	45-N5(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.075	J	mg/kg					0.075	J	
N7	0-0.5	45-N7(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.33	U	mg/kg					0.33	U	
N9	0-0.5	45-N9(0-0.5)-090706	DRMO-2006-Data	07-Sep-06	--	--	0.095	J	mg/kg					0.095	J	
SB07A	0-0.5	HFSB07A-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	52	=	mg/kg		X			0.024	U	X
SB07E	0-0.5	HFSB07E-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	98	=	mg/kg		X			0.024	U	X
SB07N	0-0.5	HFSB07N-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	68	=	mg/kg		X			0.024	U	X
SB07S	0-0.5	HFSB07S-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	100	=	mg/kg		X			0.024	U	X
SB07W	0-0.5	HFSB07W-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	15	=	mg/kg		X			0.024	U	X
SW-E1	0-0.5	45-SW-E1	Nov. sampling	12-Nov-07	--	--	0.039	=	mg/kg					0.039	=	
T6	0-0.5	45-T6(0-0.5)-060912	O Truman Annex PCB and Lead Sar	12-Sep-06	--	--	0.33	U	mg/kg					0.33	U	
U1	0-0.5	45-U1(0-0.5)-060913	O Truman Annex PCB and Lead Sar	13-Sep-06	--	--	0.32	U	mg/kg					0.32	U	
U3	0-0.5	45-U3(0-0.5)-060913	O Truman Annex PCB and Lead Sar	13-Sep-06	--	--	0.33	U	mg/kg					0.33	U	

TABLE C-14
Data - Industrial
Exposure Unit 1 (0 - 0.5 ft bgs)

Residentual Concentration Remaining

Location	Depth	Field ID	Activity	Sample Date	BEQ	Qualifier	PCB-1260 (AROCHLOR 1260) Final Result	Qualifier	Units	BEQ Exceeds 3x SCTL	PCBs Exceeds 3X SCTL	BEQ	Qualifier	PCB-1260 (AROCHLOR 1260) Final Result	Qualifier	Remove
U4	0-0.5	45-U4(0-0.5)-060913	O Truman Annex PCB and Lead San	13-Sep-06	--	--	0.33	U	mg/kg					0.33	U	
U6	0-0.5	45-U6(0-0.5)-060913	O Truman Annex PCB and Lead San	13-Sep-06	--	--	0.32	U	mg/kg					0.32	U	
U7	0-0.5	45-U7(0-0.5)-060913	O Truman Annex PCB and Lead San	13-Sep-06	--	--	0.32	U	mg/kg					0.32	U	
C1	0-0.5	45-C1(0-0.5)-060913	O Truman Annex PCB and Lead San	13-Sep-06	--	--	0.32	U	mg/kg					0.32	U	
C3	0-0.5	45-C3(0-0.5)-060913	O Truman Annex PCB and Lead San	13-Sep-06	--	--	0.33	U	mg/kg					0.33	U	
C5	0-0.5	45-C5(0-0.5)-060913	O Truman Annex PCB and Lead San	13-Sep-06	--	--	0.25	J	mg/kg					0.25	J	
C6	0-0.5	45-C6(0-0.5)-060913	O Truman Annex PCB and Lead San	13-Sep-06	--	--	0.16	J	mg/kg					0.16	J	
C7	0-0.5	45-C7(0-0.5)-060913	O Truman Annex PCB and Lead San	13-Sep-06	--	--	0.35	=	mg/kg					0.35	=	
C9	0-0.5	45-C9(0-0.5)-060913	O Truman Annex PCB and Lead San	13-Sep-06	--	--	0.34	U	mg/kg					0.34	U	
D10	0-0.5	45-D10(0-0.5)-091406	O Truman Annex PCB and Lead San	14-Sep-06	--	--	0.34	U	mg/kg					0.34	U	
D4	0-0.5	45-D4(0-0.5)-091406	O Truman Annex PCB and Lead San	14-Sep-06	--	--	0.22	J	mg/kg					0.22	J	

Green approach.

Chemical	UCL	SL	Ratio	
BEQ	0.68032	0.7	0.971884557	**UCL Based on FLU-UCL.**
PCB	0.449	2.6	0.172691597	**UCL Based on FLU-UCL.**
		Sum:	1.144576155	
Orange Approach				
BEQ	0.31661	0.7	0.452303929	**UCL Based on FLU-UCL.**
PCB	0.449	2.6	0.172691597	**UCL Based on FLU-UCL.**
		Sum:	0.624995526	

Exceedance Concentration Removed and replaced with ND-cleanfill

Additional BEQ Removal to satisfy ratio

NOTE: Sample location was removed. Concentration was included in calculation of UCL. However, concentration remaining on site is expected to be ND-cleanfill.

TABLE C-15
UCL 95 Industrial PCBs - Post-Removal
Exposure Unit 1 (0 - 0.5 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Summary Statistics for	
Number of Samples	58
Number of Censored Data	40
Minimum	0.003
Maximum	2.8
Mean	0.205328
Median	0.16
Standard Deviation	0.425726
Variance	0.181243
Coefficient of Variation	2.073399
Skewness	4.789524

95% UCL (Assuming Normal Data)	
Student's-t	0.298795

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.334854
Modified-t	0.304654

95% Non-parametric UCL	
CLT	0.297284
Jackknife	NA
Standard Bootstrap	0.285312
Bootstrap-t	0.337135
Chebyshev (Mean, Std)	0.448998

Summary Statistics for ln()	
Minimum	-5.80914
Maximum	1.029619
Mean	-2.62119
Standard Deviation	1.517633
Variance	2.303211

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.230022
MLE Standard Deviation	0.690305
MLE Median	0.072717
MLE Coefficient of Variation	3.001043
MVUE Estimate of Mean	0.204229
MVUE Estimate of Std. Dev.	0.419255
MVUE Estimate of SE	0.086058
MVUE Coefficient of Variation	2.05287

UCL Assuming Lognormal Distribution	
95% H-UCL	0.411115
95% Chebyshev (MVUE) UCL	0.579346
99% Chebyshev (MVUE) UCL	1.060495

FDEP Recommended UCL to Use:
0.448998

TABLE C-16
UCL 95 Industrial Additional BEQ - Post-Removal
Exposure Unit 1 (0 - 0.5 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	25
Number of Censored Data	21
Minimum	0.12
Maximum	1.1
Mean	0.0881
Median	0.0025
Standard Deviation	0.262122
Variance	
Coefficient of Variation	2.975278
Skewness	3.370822

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.316613
Bounding (1/2 DL)	0.315874

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.316613

TABLE C-17

Data - Industrial

Exposure Zone 2 (0 - 0.5 ft bgs)

Residual Concentrations

Location	Depth	Field ID	Activity	Sample Date	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Units	PCB-1260 (AROCHLOR 1260) Exceeds 3x SCTL	BEQ Exceeds 3x SCTL	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Remove
E1	0-0.5	HFSB-E1-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	370	=	0.64	=	mg/kg	X		0.024	U	0.64	=	X
E2	0-0.5	HFSB-E2-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	80	J	0.8	=	mg/kg	X		0.024	U	0.8	=	X
E3	0-0.5	HFSB-E3-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	13	=	3.86	=	mg/kg	X	X	0.024	U	0.0025	U	X
E4	0-0.5	HFSB-E4-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	0.49	=	5.67	=	mg/kg		X	0.49	=	0.0025	U	X
E5	0-0.5	HFSB-E5-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	3.2	J	2.76	=	mg/kg		X	0.024	U	0.0025	U	X
F1	0-0.5	HFSB-F1-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	0.12	=	0.33	=	mg/kg			0.12	=	0.33	=	
F2	0-0.5	HFSB-F2-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	5.5	J	1.39	=	mg/kg			0.024	U	0.0025	U	X
F3	0-0.5	HFSB-F3-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	7.8	=	2.68	=	mg/kg	X	X	0.024	U	0.0025	U	X
F4	0-0.5	HFSB-F4-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	6.6	JB	0.91	=	mg/kg			0.024	U	0.0025	U	X
F5	0-0.5	HFSB-F5-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	2	B	1.04	=	mg/kg			2	B	1.04	=	
G1	0-0.5	HFSB-G1-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	3.4	J	0.4	=	mg/kg			3.4	J	0.4	=	
G2	0-0.5	HFSB-G2-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	0.87	=	0.13	=	mg/kg			0.87	=	0.13	=	
G3	0-0.5	HFSB-G3-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	1.8	B	9.11	=	mg/kg		X	1.8	B	0.0025	U	X
G4	0-0.5	HFSB-G4-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	3.2	B	1.09	=	mg/kg			0.024	U	0.0025	U	X
G5	0-0.5	HFSB-G5-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	0.76	B	0.73	=	mg/kg			0.76	B	0.73	=	
HFSB-05	0-0.5	HFSB-05-000.5	ParcelK-Soil Sampling April 2009	Apr-09	1.1	=	1.07	=	mg/kg			1.1	=	1.07	=	
O5	0-0.5	45-O5(0-0.5)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	0.084	J	--	--	mg/kg			0.084	J	--	--	
O9	0-0.5	45-O9(0-0.5)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
P10	0-0.5	45-P10(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.35	U	--	--	mg/kg			0.35	U	--	--	
P2	0-0.5	45-P2(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.34	U	--	--	mg/kg			0.34	U	--	--	
P7	0-0.5	45-P7(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.35	U	--	--	mg/kg			0.35	U	--	--	
SW-E3	0-0.5	45-SW-E3	Nov. sampling	12-Nov-07	0.09	=	--	--	mg/kg			0.09	=	--	--	
V1	0-0.5	45-V1(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
V10	0-0.5	45-V10(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
V2	0-0.5	45-V2(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
V4	0-0.5	45-V4(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
V6	0-0.5	45-V6(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
V8	0-0.5	45-V8(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
W1	0-0.5	45-W1(0-0.5)-060908	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
W3	0-0.5	45-W3(0-0.5)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
W5	0-0.5	45-W5(0-0.5)-060908	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
W7	0-0.5	45-W7(0-0.5)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
W9	0-0.5	45-W9(0-0.5)-060908	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
F1	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
F10	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
F3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
F5	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
F6	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
F8	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
O1	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
O3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
O7	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
P5	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
P8	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	

UCLs and Sums based on Removal of Exceedance Concentrations

Chemical	UCL	SCTL	Ratio	
PCBs	1.692095637	2.6	0.65	**UCL generated via FLU-UCL**
BEQ	0.696690619	0.7	1.00	**UCL generated via FLU-UCL**
		Sum	1.65	

UCLs and Sums based on Removal of Additional Concentrations

Chemical	UCL	SCTL	Ratio	
PCBs	0.784262061	2.6	0.30	**UCL generated via FLU-UCL**
BEQ	0.481708139	0.7	0.69	**UCL generated via FLU-UCL**
		Sum	0.99	

TABLE C-18
UCL 95 Industrial Additional PCBs - Post-Removal
Exposure Unit 2 (0 - 0.5 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	44
Number of Censored Data	34
Minimum	0.34
Maximum	3.4
Mean	0.366818
Median	0.22
Standard Deviation	0.635254
Variance	
Coefficient of Variation	1.731796
Skewness	3.322949

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.784262
Bounding (1/2 DL)	0.729509

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.784262

TABLE C-19
UCL 95 Industrial Additional BEQ - Post-Removal
Exposure Unit 2 (0 - 0.5 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	27
Number of Censored Data	19
Minimum	0.13
Maximum	1.07
Mean	0.19213
Median	0.0025
Standard Deviation	0.3452
Variance	
Coefficient of Variation	1.796706
Skewness	1.653973

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.481708
Bounding (1/2 DL)	0.48125

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.481708

TABLE C-20
Data - Industrial
Exposure Unit 3 (0 - 0.5 ft bgs)

Location	Depth	Field ID	Activity	Sample Date	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Units	PCB-1260 (AROCHLOR 1260) Exceeds 3x SCTL	BEQ Exceeds 3x SCTL	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Remove
G4	0-0.5	45-G4(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.11	J	--	--	mg/kg			0.11	J	--	--	
G6	0-0.5	45-G6(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
G8	0-0.5	45-G8(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.25	J	--	--	mg/kg			0.25	J	--	--	
H1	0-0.5	45-H1(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.063	J	--	--	mg/kg			0.063	J	--	--	
H1	0-0.5	HFSB-H1-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	5.7	=	1.01	=	mg/kg			0.024	U	0.0025	U	X
H10	0-0.5	45-H10(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
H3	0-0.5	45-H3(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
H4	0-0.5	45-H4(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
H4	0-0.5	HFSB-H4-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	1.3	=	2.27	=	mg/kg		X	1.3	=	0.0025	U	X
H5	0-0.5	HFSB-H5-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.17	=	1.08	=	mg/kg			0.17	=	1.08	=	
H6	0-0.5	45-H6(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
H8	0-0.5	45-H8(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
HFSB-01	0-0.5	HFSB-01-000.5	ParcelK-Soil Sampling April 2009	Apr-09	0.39	=	4.13	=	mg/kg		X	0.39	=	0.0025	U	X
HFSB-02	0-0.5	HFSB-02-000.5	ParcelK-Soil Sampling April 2009	Apr-09	0.0062	U	16.19	=	mg/kg		X	0.0062	U	0.0025	U	X
HFSB-03	0-0.5	HFSB-03-000.5	ParcelK-Soil Sampling April 2009	Apr-09	3.7	=	0.33	=	mg/kg			3.7	=	0.33	=	
HFSB-04	0-0.5	HFSB-04-000.5	ParcelK-Soil Sampling April 2009	Apr-09	1.7	=	0.93	=	mg/kg			1.7	=	0.93	=	
I1	0-0.5	HFSB-I1-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	2.9	=	0.2	=	mg/kg			2.9	=	0.2	=	
I2	0-0.5	HFSB-I2-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	2.4	=	1.04	=	mg/kg			2.4	=	1.04	=	
I3	0-0.5	HFSB-I3-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.57	=	0.62	=	mg/kg			0.57	=	0.62	=	
I4	0-0.5	HFSB-I4-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.12	B	1.44	=	mg/kg			0.12	B	1.44	=	
I5	0-0.5	HFSB-I5-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.0088	B	14.87	=	mg/kg		X	0.0088	B	0.0025	U	X
J1	0-0.5	HFSB-J1-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	8.3	B	0.29	=	mg/kg	X		0.024	U	0.29	=	X
J2	0-0.5	HFSB-J2-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.1	B	4.78	=	mg/kg		X	0.1	B	0.0025	U	X
J3	0-0.5	HFSB-J3-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.057	JB	0.39	=	mg/kg			0.057	JB	0.39	=	
J4	0-0.5	HFSB-J4-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.014	B	0.33	=	mg/kg			0.014	B	0.33	=	
J5	0-0.5	HFSB-J5-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.092	B	0.89	=	mg/kg			0.092	B	0.89	=	
Q1	0-0.5	45-Q1(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.34	U	--	--	mg/kg			0.34	U	--	--	
Q10	0-0.5	45-Q10(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
Q3	0-0.5	45-Q3(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
Q4	0-0.5	45-Q4(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.34	U	--	--	mg/kg			0.34	U	--	--	
Q6	0-0.5	45-Q6(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
SW-G2	0-0.5	45-SW-G2	Nov. sampling	12-Nov-07	0.5	=	--	--	mg/kg			0.5	=	--	--	
X6	0-0.5	45-X6(0-0.5)-091906	DRMO Truman Annex PCB and Lead Sampling	19-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
X8	0-0.5	45-X8(0-0.5)-091906	DRMO Truman Annex PCB and Lead Sampling	19-Sep-06	0.1	J	--	--	mg/kg			0.1	J	--	--	
Y10	0-0.5	45-Y10(0-0.5)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
Y11	0-0.5	45-Y11(0-0.5)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
Y2	0-0.5	45-Y2(0-0.5)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
Y5	0-0.5	45-Y5(0-0.5)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	0.31	U	--	--	mg/kg			0.31	U	--	--	
Y7	0-0.5	45-Y7(0-0.5)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	0.31	U	--	--	mg/kg			0.31	U	--	--	
SB02A	0-0.5	HFSB02A-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	22.6	=	mg/kg		X	--	--	0.0025	U	X
SB02E	0-0.5	HFSB02E-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	35.9	=	mg/kg		X	--	--	0.0025	U	X
SB02N	0-0.5	HFSB02N-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	15.3	=	mg/kg		X	--	--	0.0025	U	X
SB02N2	0-0.5	HFSB02N20.0-0.5	ParcelK-SoilSampling2009	24-Jul-09	--	--	0.8	=	mg/kg			--	--	0.8	=	
SB02S	0-0.5	HFSB02S-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	6.8	=	mg/kg		X	--	--	0.0025	U	X
SB02W	0-0.5	HFSB02W-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	7.9	=	mg/kg		X	--	--	0.0025	U	X
G1	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
G10	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
G2	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
Q5	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
Q7	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
Q8	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X1	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X10	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X4	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X5	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X9	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
Y3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
Y8	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	

Chemical	UCL	SCTL	Ratio	
PCBs	1.0593	2.6	0.41	**UCL based on FLU-UCL**
BEQ	0.5494	0.7	0.78	**UCL based on FLU-UCL**
		Sum	1.19	

Chemical	UCL	SCTL	Ratio	
PCBs	0.7693	2.6	0.30	**UCL based on FLU-UCL**
BEQ	0.2163	0.7	0.31	**UCL based on FLU-UCL**
		Sum	0.60	

TABLE C-21
UCL 95 Industrial Additional PCBs - Post-Removal
Exposure Unit 3 (0 - 0.5 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Summary Statistics for	
Number of Samples	53
Number of Censored Data	34
Minimum	0.0031
Maximum	3.7
Mean	0.329904
Median	0.155
Standard Deviation	0.733778
Variance	0.53843
Coefficient of Variation	2.224218
Skewness	3.380532

95% UCL (Assuming Normal Data)	
Student's-t	0.498699

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.545724
Modified-t	0.5065

95% Non-parametric UCL	
CLT	0.495707
Jackknife	NA
Standard Bootstrap	0.493081
Bootstrap-t	0.484442
Chebyshev (Mean, Std)	0.769257

Summary Statistics for ln()	
Minimum	-5.776353359
Maximum	1.308332801
Mean	-2.543567423
Standard Deviation	1.714496037
Variance	2.93949666

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.341701034
MLE Standard Deviation	1.445937618
MLE Median	0.078585551
MLE Coefficient of Variation	4.231586891
MVUE Estimate of Mean	0.290933549
MVUE Estimate of Std. Dev.	0.737777377
MVUE Estimate of SE	0.138007426
MVUE Coefficient of Variation	2.535896524

UCL Assuming Lognormal Distribution	
95% H-UCL	0.726086617
95% Chebyshev (MVUE) UCL	0.892494142
99% Chebyshev (MVUE) UCL	1.664093614

FDEP Recommended UCL to Use:
0.769257

TABLE C-22
UCL 95 Industrial Additiional BEQ - Removal
Exposure Unit 3 (0 - 0.5 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Note: Results reflect censored parameter estimations based on distributional assumptions.

Censor Estimated Statistics for	
Number of Samples	37
Number of Censored Data	25
Minimum Non-censored	0.2
Maximum	1.44
Mean	0.064666
Median	0.00125
Standard Deviation	0.546414
Variance	0.298568
Coefficient of Variation	8.44973
Skewness	1.703605
Fit	0.950364

95% UCL (Assuming Normal Data)	
Student's-t	0.216326

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.230715
Modified-t	0.219177

95% Non-parametric UCL	
CLT	0.212437
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	0.508964

Censor Estimated Statistics for ln()	
Minimum	-6.684611797
Maximum	0.364643157
Mean	0.064666425
Standard Deviation	0.546413815
Variance	0.298568057

Goodness-of-Fit Results	
Distribution Recommended	Normal
Distribution Used	Normal

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.216326

TABLE C-23
Summary of Site Characteristics Pre/Post Removal
Exposure Unit 1 (0.5 - 2.0 ft bgs)

	Pre-Removal Action Site Characteristics 0.5 - 2.0 ft bgs				
Chemical	**FOD**	**Min**	**Max**	**Mean**	**FL-UCL Before Removal**
PCBS (1260)	16 / 65	1.50E-02	4.70E+00	0.3319	0.6
BEQ	18 / 24	2.00E-02	1.48E+00	0.1491	0.4

	Post-Removal Action Site Characteristics 0.5-2.0 ft bgs				
Chemical	**FOD**	**Min**	**Max**	**Mean**	**FL-UCL After Removal**
PCBS (1260)	15 / 63	1.50E-02	1.10E+00	0.2636	0.36
BEQ	16 / 22	2.50E-03	5.60E-01	0.0863	0.20

	Post-Removal Action Site Characteristics 0.5-2.0 ft bgs				
Chemical	**Max**	**FL-UCL After Removal**	**Recreational SCTL**	**Max Concentration Exceeds 3 x SCTL**	**Apportioned Ratio Approach**
PCBS (1260)	1.10E+00	0.36	1.29	No	0.28
BEQ	5.60E-01	0.21	0.35	No	0.59
				Sum of Ratios:	**0.87**

FOD = Frequency of Detection
Min = Minimum Concentration
Max = Maximum Concentration
Mean = Mean Concentration
FL UCL = Upper Confidence Limit calculated using FDEP UCL Calculator Version 1.0
SCTL = Soil Clean Up Target Level
All units are expressed in mg/kg.

TABLE C-24

PCBs - Recreational

Exposure Unit 1 (0.5-2.0 ft bgs)

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units
HFSB-06	0.5-2	HFSB-06-0.502	ParcelK-Soil Sampling April 2009	4/1/2009	PCB-1260 (AROCHLOR 1260)	0.17	=	mg/kg
B1	0.5-2	HFSB-B1-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.015	=	mg/kg
B2	0.5-2	HFSB-B2-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.041	=	mg/kg
C2	0.5-2	HFSB-C2-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.45	=	mg/kg
C4	0.5-2	HFSB-C4-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.14	=	mg/kg
D3	0.5-2	HFSB-D3-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.38	=	mg/kg
SB07E	0.5-2	HFSB07E-0.5-2.0ft	ParcelK-SoilSampling2009	7/24/2009	PCB-1260 (AROCHLOR 1260)	0.5	=	mg/kg
SB07N	0.5-2	HFSB07N-0.5-2.0ft	ParcelK-SoilSampling2009	7/24/2009	PCB-1260 (AROCHLOR 1260)	0.49	=	mg/kg
SB07S	0.5-2	HFSB07S-0.5-2.0ft	ParcelK-SoilSampling2009	7/24/2009	PCB-1260 (AROCHLOR 1260)	0.1	=	mg/kg
SB07W	0.5-2	HFSB07W-0.5-2.0ft	ParcelK-SoilSampling2009	7/24/2009	PCB-1260 (AROCHLOR 1260)	1.1	=	mg/kg
D1	0.5-2	45-D1(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.15	J	mg/kg
D10	0.5-2	45-D10(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.084	J	mg/kg
D6	0.5-2	45-D6(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.19	J	mg/kg
C3	0.5-2	HFSB-C3-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.12	J	mg/kg
D4	0.5-2	HFSB-D4-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.082	J	mg/kg
C10	0.5-2	45-C10(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
C2	0.5-2	45-C2(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.35	U	mg/kg
C3	0.5-2	45-C3(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
C4	0.5-2	45-C4(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
C6	0.5-2	45-C6(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
C7	0.5-2	45-C7(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
C8	0.5-2	45-C8(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
C9	0.5-2	45-C9(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
D5	0.5-2	45-D5(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.35	U	mg/kg
D7	0.5-2	45-D7(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
D9	0.5-2	45-D9(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
E10	0.5-2	45-E10(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
E4	0.5-2	45-E4(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
E5	0.5-2	45-E5(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
E8	0.5-2	45-E8(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
E9	0.5-2	45-E9(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
T2	0.5-2	45-T2(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	9/12/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
T3	0.5-2	45-T3(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	9/12/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
T7	0.5-2	45-T7(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	9/12/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
U1	0.5-2	45-U1(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
U10	0.5-2	45-U10(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
U2	0.5-2	45-U2(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
U3	0.5-2	45-U3(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
U5	0.5-2	45-U5(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
U6	0.5-2	45-U6(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
U7	0.5-2	45-U7(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
U9	0.5-2	45-U9(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
L10	0.5-2	45-L10(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
M10	0.5-2	45-M10(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
M2	0.5-2	45-M2(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.31	U	mg/kg
M4	0.5-2	45-M4(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
M6	0.5-2	45-M6(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
M8	0.5-2	45-M8(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
N10	0.5-2	45-N10(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
N2	0.5-2	45-N2(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
N4	0.5-2	45-N4(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
N6	0.5-2	45-N6(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
N8	0.5-2	45-N8(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
D2	0.5-2	BACKFILL	DRMO-Backfill data	1/16/2007	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
D3	0.5-2	BACKFILL	DRMO-Backfill data	1/16/2007	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
E1	0.5-2	BACKFILL	DRMO-Backfill data	1/16/2007	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
E2	0.5-2	BACKFILL	DRMO-Backfill data	1/16/2007	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
E3	0.5-2	BACKFILL	DRMO-Backfill data	1/16/2007	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
E7	0.5-2	BACKFILL	DRMO-Backfill data	1/16/2007	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
A2	0.5-2	HFSB-A2-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.015	U	mg/kg
B3	0.5-2	HFSB-B3-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.014	U	mg/kg
C1	0.5-2	HFSB-C1-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.016	U	mg/kg
D1	0.5-2	HFSB-D1-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.015	U	mg/kg

Samples to be Removed

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units	Location Removed based on BEQ Results
HFSB-07	0.5-2	HFSB-07-0.502	ParcelK-Soil Sampling April 2009	4/1/2009	PCB-1260 (AROCHLOR 1260)	4.7	=	mg/kg	
HFSB-09	0.5-2	HFSB-09-0.502	ParcelK-Soil Sampling April 2009	4/1/2009	PCB-1260 (AROCHLOR 1260)	0.0059	U	mg/kg	X

TABLE C-25
BEQ - Recreational
Exposure Unit 1 (0.5 - 2.0 ft bgs)

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units
HFSB-06	0.5-2	HFSB-06-0.502	ParcelK-Soil Sampling April 2009	Apr-09	BEQ	0.22	=	mg/kg
SB09A	0.5-2	HFSB09A-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	0.0025	=	mg/kg
SB09N	0.5-2	HFSB09N-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	0.56	=	mg/kg
SB09S	0.5-2	HFSB09S-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	0.031	=	mg/kg
SB09W	0.5-2	HFSB09W-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	0.038	=	mg/kg
A2	0.5-2	HFSB-A2-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.2	=	mg/kg
B1	0.5-2	HFSB-B1-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.16	=	mg/kg
B2	0.5-2	HFSB-B2-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.11	=	mg/kg
B3	0.5-2	HFSB-B3-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.02	=	mg/kg
C1	0.5-2	HFSB-C1-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.12	=	mg/kg
C2	0.5-2	HFSB-C2-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.15	=	mg/kg
C3	0.5-2	HFSB-C3-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.02	=	mg/kg
C4	0.5-2	HFSB-C4-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.04	=	mg/kg
D1	0.5-2	HFSB-D1-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.03	=	mg/kg
D3	0.5-2	HFSB-D3-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.14	=	mg/kg
D4	0.5-2	HFSB-D4-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.05	=	mg/kg
D2	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
D3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
E1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
E2	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
E3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
E7	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg

Samples to be Removed

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units	Location to be Removed based on PCB Results
HFSB-09	0.5-2	HFSB-09-0.502	ParcelK-Soil Sampling April 2009	Apr-09	BEQ	1.48	=	mg/kg	
HFSB-07	0.5-2	HFSB-07-0.502	ParcelK-Soil Sampling April 2009	Apr-09	BEQ	0.2	=	mg/kg	X

TABLE C-26
UCL 95 Recreational PCBs - Pre-Removal
Exopsure Unit 1 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	65
Number of Censored Data	49
Minimum	0.34
Maximum	4.7
Mean	0.331875
Median	0.33
Standard Deviation	0.577488
Variance	
Coefficient of Variation	1.740074
Skewness	6.976461

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.644097
Bounding (1/2 DL)	0.548579

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.644097

TABLE C-27
UCL 95 Recreational BEQ - Pre-Removal
Exposure Unit 1 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Summary Statistics for	
Number of Samples	24
Number of Censored Data	6
Minimum	0.00125
Maximum	1.48
Mean	0.149125
Median	0.039
Standard Deviation	0.309354
Variance	0.0957
Coefficient of Variation	2.074463
Skewness	3.834389

95% UCL (Assuming Normal Data)	
Student's-t	0.25735

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.30582
Modified-t	0.265588

95% Non-parametric UCL	
CLT	0.253001
Jackknife	NA
Standard Bootstrap	0.250829
Bootstrap-t	0.508784
Chebyshev (Mean, Std)	0.424381

Summary Statistics for ln()	
Minimum	-6.684611797
Maximum	0.3920421
Mean	-3.555517408
Standard Deviation	2.223931622
Variance	4.94587186

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.338719998
MLE Standard Deviation	4.001964593
MLE Median	0.028566591
MLE Coefficient of Variation	11.81496404
MVUE Estimate of Mean	0.235731393
MVUE Estimate of Std. Dev.	0.935753435
MVUE Estimate of SE	0.148433943
MVUE Coefficient of Variation	3.969574959

UCL Assuming Lognormal Distribution	
95% H-UCL	2.706557512
95% Chebyshev (MVUE) UCL	0.88274008
99% Chebyshev (MVUE) UCL	1.712634325

FDEP Recommended UCL to Use:
0.424381

TABLE C-28
UCL 95 Recreational PCBs - Post-Removal
Exposure Unit 1 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	63
Number of Censored Data	48
Minimum	0.34
Maximum	1.1
Mean	0.267714
Median	0.33
Standard Deviation	0.174937
Variance	
Coefficient of Variation	0.653445
Skewness	1.287372

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.363784
Bounding (1/2 DL)	0.251659

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.363784

TABLE C-29
UCL 95 Recreational BEQ - Post-Removal
Exposure Unit 1 (0.5-2.0 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Summary Statistics for	
Number of Samples	22
Number of Censored Data	6
Minimum	0.00125
Maximum	0.56
Mean	0.086318
Median	0.0345
Standard Deviation	0.127336
Variance	0.016214
Coefficient of Variation	1.475191
Skewness	2.677329

95% UCL (Assuming Normal Data)	
Student's-t	0.133033

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.147537
Modified-t	0.135616

95% Non-parametric UCL	
CLT	0.130977
Jackknife	NA
Standard Bootstrap	0.12558
Bootstrap-t	0.198206
Chebyshev (Mean, Std)	0.204657

Summary Statistics for ln()	
Minimum	-6.684611797
Maximum	-0.579818487
Mean	-3.823410088
Standard Deviation	2.102218088
Variance	4.419320889

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.19913951
MLE Standard Deviation	1.803723336
MLE Median	0.021853153
MLE Coefficient of Variation	9.057586486
MVUE Estimate of Mean	0.142204121
MVUE Estimate of Std. Dev.	0.478642521
MVUE Estimate of SE	0.08720947
MVUE Coefficient of Variation	3.36588362

UCL Assuming Lognormal Distribution	
95% H-UCL	1.480235457
95% Chebyshev (MVUE) UCL	0.52234149
99% Chebyshev (MVUE) UCL	1.009929657

FDEP Recommended UCL to Use:
0.204657

TABLE C-30
Summary of Site Characteristics Pre/Post Removal - Recreational
Exposure Unit 2 (0.5 - 2.0 ft bgs)

	Pre-Removal Action Site Characteristics 0.5-2.0 ft bgs				
Chemical	**FOD**	**Min**	**Max**	**Mean**	**FL-UCL Before Removal**
PCBS (1260)	24 / 60	9.30E-03	1.50E+00	0.1936	0.3
BEQ	16 / 27	1.00E-02	2.34E+00	--	0.6

	Post-Removal Action Site Characteristics 0.5-2.0 ft bgs				
Chemical	**FOD**	**Min**	**Max**	**Mean**	**FL-UCL After Removal**
PCBS (1260)	22 / 58	9.30E-03	8.80E-01	0.1682	0.27
BEQ	14 / 25	1.00E-02	9.40E-01	--	0.25

	Post-Removal Action Site Characteristics 0.5-2.0 ft bgs				
Chemical	**Max**	**FL-UCL After Removal**	**Recreational SCTL**	**Max Concentration Exceeds 3 x SCTL**	**Apportioned Ratio Approach**
PCBS (1260)	8.80E-01	0.27	1.29	No	0.21
BEQ	9.40E-01	0.25	0.35	No	0.71
				Sum of Ratios:	**0.92**

FOD = Frequency of Detection
Min = Minimum Concentration
Max = Maximum Concentration
Mean = Mean Concentration
FL UCL = Upper Confidence Limit calculated using FDEP UCL Calculator Version 1.0
SCTL = Soil Clean Up Target Level
All units are expressed in mg/kg.

TABLE C-31
PCBs - Recreational
Exposure Unit 2 (0.5 - 2.0 ft bgs)

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units
O2	0.5-2	45-O2(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.44	=	mg/kg
O4	0.5-2	45-O4(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.36	=	mg/kg
O5	0.5-2	45-O5(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.41	=	mg/kg
O6	0.5-2	45-O6(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.42	=	mg/kg
O8	0.5-2	45-O8(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.38	=	mg/kg
E1	0.5-2	HFSB-E1-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.76	=	mg/kg
E2	0.5-2	HFSB-E2-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.88	=	mg/kg
E3	0.5-2	HFSB-E3-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.053	=	mg/kg
F3	0.5-2	HFSB-F3-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.76	=	mg/kg
F4	0.5-2	HFSB-F4-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.042	=	mg/kg
F5	0.5-2	HFSB-F5-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.058	B	mg/kg
G2	0.5-2	HFSB-G2-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.021	B	mg/kg
G3	0.5-2	HFSB-G3-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.021	B	mg/kg
G4	0.5-2	HFSB-G4-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.04	B	mg/kg
G5	0.5-2	HFSB-G5-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.014	B	mg/kg
F2	0.5-2	45-F2(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.23	J	mg/kg
F4	0.5-2	45-F4(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.27	J	mg/kg
F7	0.5-2	45-F7(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.076	J	mg/kg
P1	0.5-2	45-P1(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.18	J	mg/kg
P4	0.5-2	45-P4(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.12	J	mg/kg
F2	0.5-2	HFSB-F2-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.21	J	mg/kg
G1	0.5-2	HFSB-G1-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.0093	J	mg/kg
F9	0.5-2	45-F9(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
O10	0.5-2	45-O10(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
O9	0.5-2	45-O9(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
P10	0.5-2	45-P10(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.36	U	mg/kg
P2	0.5-2	45-P2(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
P3	0.5-2	45-P3(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.35	U	mg/kg
P6	0.5-2	45-P6(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
P7	0.5-2	45-P7(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
P9	0.5-2	45-P9(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.35	U	mg/kg
V2	0.5-2	45-V2(0.5-2)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
V3	0.5-2	45-V3(0.5-2)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
V5	0.5-2	45-V5(0.5-2)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
V7	0.5-2	45-V7(0.5-2)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
V8	0.5-2	45-V8(0.5-2)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
V9	0.5-2	45-V9(0.5-2)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
W1	0.5-2	45-W1(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
W10	0.5-2	45-W10(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
W2	0.5-2	45-W2(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
W4	0.5-2	45-W4(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
W5	0.5-2	45-W5(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
W6	0.5-2	45-W6(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
W8	0.5-2	45-W8(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
W9	0.5-2	45-W9(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
F1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
F10	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
F3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
F5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
F6	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
F8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
O1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
O3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
O7	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
P5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
P8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
E5	0.5-2	HFSB-E5-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.015	U	mg/kg
F1	0.5-2	HFSB-F1-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg

Samples to be Removed

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units	Location Removed based on BEQ Results
HFSB-05	0.5-2	HFSB-05-0.502	ParcelK-Soil Sampling April 2009	Apr-09	PCB-1260 (AROCHLOR 1260)	1.5	=	mg/kg	
E4	0.5-2	HFSB-E4-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.36	J	mg/kg	X

TABLE C-32
BEQ - Recreational
Exposure Unit 2 (0.5 - 2.0 ft bgs)

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units
F1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
F10	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
F3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
F5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
F6	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
F8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
O1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
O3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
O7	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
P5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
P8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
E1	0.5-2	HFSB-E1-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.06	=	mg/kg
E2	0.5-2	HFSB-E2-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.1	=	mg/kg
E3	0.5-2	HFSB-E3-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.06	=	mg/kg
E5	0.5-2	HFSB-E5-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.04	=	mg/kg
F1	0.5-2	HFSB-F1-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.02	=	mg/kg
F2	0.5-2	HFSB-F2-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.14	=	mg/kg
F3	0.5-2	HFSB-F3-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.94	=	mg/kg
F4	0.5-2	HFSB-F4-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.07	=	mg/kg
F5	0.5-2	HFSB-F5-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.11	=	mg/kg
G1	0.5-2	HFSB-G1-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.01	=	mg/kg
G2	0.5-2	HFSB-G2-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.07	=	mg/kg
G3	0.5-2	HFSB-G3-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.05	=	mg/kg
G4	0.5-2	HFSB-G4-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.02	=	mg/kg
G5	0.5-2	HFSB-G5-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.31	=	mg/kg

Samples to be Removed

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units	Sampled Removed Based on PCB Result	Sampled Removed based on Exceeding 3x SCTL
HFSB-05	0.5-2	HFSB-05-0.502	ParcelK-Soil Sampling April 2009	Apr-09	BEQ	1.06	=	mg/kg	X	
E4	0.5-2	HFSB-E4-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	2.34	=	mg/kg		X

TABLE C-33
UCL 95 Recreational PCBs - Pre-Removal
Exposure Unit 2 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Summary Statistics for	
Number of Samples	60
Number of Censored Data	36
Minimum	0.0075
Maximum	1.5
Mean	0.193597
Median	0.165
Standard Deviation	0.252191
Variance	0.063601
Coefficient of Variation	1.302664
Skewness	3.119668

95% UCL (Assuming Normal Data)	
Student's-t	0.248004

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.261167
Modified-t	0.250189

95% Non-parametric UCL	
CLT	0.247154
Jackknife	NA
Standard Bootstrap	0.249641
Bootstrap-t	0.276597
Chebyshev (Mean, Std)	0.335516

Summary Statistics for ln()	
Minimum	-4.892852306
Maximum	0.405465096
Mean	-2.409116416
Standard Deviation	1.408456525
Variance	1.983749782

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.242381699
MLE Standard Deviation	0.60692071
MLE Median	0.089894689
MLE Coefficient of Variation	2.503987355
MVUE Estimate of Mean	0.224992216
MVUE Estimate of Std. Dev.	0.436812115
MVUE Estimate of SE	0.078386759
MVUE Coefficient of Variation	1.941454349

UCL Assuming Lognormal Distribution	
95% H-UCL	0.401098162
95% Chebyshev (MVUE) UCL	0.566672266
99% Chebyshev (MVUE) UCL	1.004932642

FDEP Recommended UCL to Use:
0.335516

TABLE C-34
UCL 95 Recreational BEQ - Pre-Removal
Exposure Unit 2 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Note: Results reflect censored parameter estimations based on distributional assumptions.

Censor Estimated Statistics for	
Number of Samples	27
Number of Censored Data	11
Minimum Non-censored	0.01
Maximum	2.34
Mean	NA
Median	NA
Standard Deviation	NA
Variance	NA
Coefficient of Variation	NA
Skewness	NA

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	0.621793

Censor Estimated Statistics for ln()	
Minimum	-6.684611797
Maximum	0.850150883
Mean	-4.160337556
Standard Deviation	2.740940977
Variance	7.512757441
Fit	0.975703716

Goodness-of-Fit Results	
Distribution Recommended	Lognormal
Distribution Used	Lognormal

Estimates Assuming Lognormal Distribution	
MLE Mean	0.667671605
MLE Standard Deviation	28.5639883
MLE Median	0.01560229
MLE Coefficient of Variation	42.7814933
MVUE Estimate of Mean	0.31855002
MVUE Estimate of Std. Dev.	1.771304558
MVUE Estimate of SE	0.244159263
MVUE Coefficient of Variation	5.560522505

UCL Assuming Lognormal Distribution	
95% H-UCL	11.0374279
95% Chebyshev (MVUE) UCL	1.382815838
99% Chebyshev (MVUE) UCL	2.747910261

FDEP Recommended UCL to Use:
0.621793

TABLE C-35
UCL 95 Recreational PCBs - Post-Removal
Exposure Zone 2 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Summary Statistics for	
Number of Samples	58
Number of Censored Data	36
Minimum	0.0075
Maximum	0.88
Mean	0.168203
Median	0.165
Standard Deviation	0.186409
Variance	0.034748
Coefficient of Variation	1.108235
Skewness	2.164032

95% UCL (Assuming Normal Data)	
Student's-t	0.209129

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.2159
Modified-t	0.210288

95% Non-parametric UCL	
CLT	0.208468
Jackknife	NA
Standard Bootstrap	0.209193
Bootstrap-t	0.225498
Chebyshev (Mean, Std)	0.274897

Summary Statistics for ln()	
Minimum	-4.892852306
Maximum	-0.127833381
Mean	-2.481565498
Standard Deviation	1.369401673
Variance	1.875260942

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.213539164
MLE Standard Deviation	0.501817984
MLE Median	0.083612228
MLE Coefficient of Variation	2.350004447
MVUE Estimate of Mean	0.198210508
MVUE Estimate of Std. Dev.	0.362413313
MVUE Estimate of SE	0.069014391
MVUE Coefficient of Variation	1.82842634

UCL Assuming Lognormal Distribution	
95% H-UCL	0.349124789
95% Chebyshev (MVUE) UCL	0.499037325
99% Chebyshev (MVUE) UCL	0.884896815

FDEP Recommended UCL to Use:
0.274897

TABLE C-36
UCL 95 Recreational BEQ - Post-Removal
Exposure Unit 2 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Note: Results reflect censored parameter estimations based on distributional assumptions.

Censor Estimated Statistics for	
Number of Samples	25
Number of Censored Data	11
Minimum Non-censored	0.01
Maximum	0.94
Mean	NA
Median	NA
Standard Deviation	NA
Variance	NA
Coefficient of Variation	NA
Skewness	NA

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	0.247602

Censor Estimated Statistics for ln()	
Minimum	-6.684611797
Maximum	-0.061875407
Mean	-4.456985939
Standard Deviation	2.35495663
Variance	5.54582073
Fit	0.961842239

Goodness-of-Fit Results	
Distribution Recommended	Lognormal
Distribution Used	Lognormal

Estimates Assuming Lognormal Distribution	
MLE Mean	0.185615941
MLE Standard Deviation	2.965006137
MLE Median	0.011597266
MLE Coefficient of Variation	15.97387661
MVUE Estimate of Mean	0.110258386
MVUE Estimate of Std. Dev.	0.41981993
MVUE Estimate of SE	0.076823437
MVUE Coefficient of Variation	3.807600921

UCL Assuming Lognormal Distribution	
95% H-UCL	1.741767526
95% Chebyshev (MVUE) UCL	0.44512406
99% Chebyshev (MVUE) UCL	0.874643922

FDEP Recommended UCL to Use:
0.247602

TABLE C-37

Summary of Site Characteristics Pre/Post Removal - Recreational

Exposure Unit 3 (0.5 - 2.0 ft bgs)

	Pre-Removal Action Site Characteristics - Zone 3 - 0.5-2.0 ft bgs				
Chemical	**FOD**	**Min**	**Max**	**Mean**	**FL-UCL Before Removal**
PCBS (1260)	11 / 57	1.00E-02	4.30E-01	--	0.2
BEQ	22 / 36	1.00E-02	1.29E+01	--	2.1

	Post-Removal Action Site Characteristics 0.5-2.0 ft bgs				
Chemical	**FOD**	**Min**	**Max**	**Mean**	**FL-UCL After Removal**
BEQ	18 / 32	1.00E-02	4.30E-01	0.0790	0.18

	Post-Removal Action Site Characteristics 0.5-2.0 ft bgs				
Chemical	**Max**	**FL-UCL After Removal**	**Recreational SCTL**	**Max Concentration < 3 x SCTL**	**Apportioned Ratio Approach**
PCBS (1260)	0.43	0.25	1.29	No	0.19
BEQ	4.30E-01	0.18	0.35	No	0.51
				Sum of Ratios:	**0.70**

FOD = Frequency of Detection

Min = Minimum Concentration

Max = Maximum Concentration

Mean = Mean Concentration

FL UCL = Upper Confidence Limit calculated using FDEP UCL Calculator Version 1.0

SCTL = Soil Clean Up Target Level

All units are expressed in mg/kg.

TABLE C-38
PCBS - Recreational
Exposure Unit 3 (0.5 - 2.0 ft bgs)

Maximum concentration (0.43) does not exceed SCTL.

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units
G3	0.5-2	45-G3(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.071	J	mg/kg
G4	0.5-2	45-G4(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.082	J	mg/kg
G5	0.5-2	45-G5(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
G6	0.5-2	45-G6(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
G7	0.5-2	45-G7(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
G9	0.5-2	45-G9(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.069	J	mg/kg
H10	0.5-2	45-H10(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
H2	0.5-2	45-H2(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
H3	0.5-2	45-H3(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
H4	0.5-2	45-H4(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
H5	0.5-2	45-H5(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
H7	0.5-2	45-H7(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
H9	0.5-2	45-H9(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
Q10	0.5-2	45-Q10(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
Q2	0.5-2	45-Q2(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
Q3	0.5-2	45-Q3(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
Q4	0.5-2	45-Q4(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
Q9	0.5-2	45-Q9(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
X2	0.5-2	45-X2(0.5-2)-091906	DRMO Truman Annex PCB and Lead Sampling	19-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
X7	0.5-2	45-X7(0.5-2)-091906	DRMO Truman Annex PCB and Lead Sampling	19-Sep-06	PCB-1260 (AROCHLOR 1260)	0.13	J	mg/kg
Y1	0.5-2	45-Y1(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.31	U	mg/kg
Y10	0.5-2	45-Y10(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.059	J	mg/kg
Y11	0.5-2	45-Y11(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.43	=	mg/kg
Y12	0.5-2	45-Y12(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.31	U	mg/kg
Y2	0.5-2	45-Y2(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
Y4	0.5-2	45-Y4(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
Y5	0.5-2	45-Y5(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
Y6	0.5-2	45-Y6(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
Y7	0.5-2	45-Y7(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.082	J	mg/kg
Y9	0.5-2	45-Y9(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
G1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
G10	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
G2	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
Q5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
Q7	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg

TABLE C-38
PCBS - Recreational
Exposure Unit 3 (0.5 - 2.0 ft bgs)

Maximum concentration (0.43) does not exceed SCTL.

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units
Q8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
X1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
X10	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
X3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
X4	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
X5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
X9	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
Y3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
Y8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
H1	0.5-2	HFSB-H1-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.035	=	mg/kg
H4	0.5-2	HFSB-H4-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
H5	0.5-2	HFSB-H5-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
I1	0.5-2	HFSB-I1-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
I2	0.5-2	HFSB-I2-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.026	U	mg/kg
I3	0.5-2	HFSB-I3-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.025	U	mg/kg
I4	0.5-2	HFSB-I4-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
I5	0.5-2	HFSB-I5-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
J1	0.5-2	HFSB-J1-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.069	B	mg/kg
J2	0.5-2	HFSB-J2-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.01	B	mg/kg
J3	0.5-2	HFSB-J3-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.014	B	mg/kg
J4	0.5-2	HFSB-J4-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
J5	0.5-2	HFSB-J5-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.025	U	mg/kg

TABLE C-39
BEQ - Recreational
Exposure Unit 3 (0.5 - 2.0 ft bgs)

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units
HFSB-04	0.5-2	HFSB-04-0.502	ParcelK-Soil Sampling April 2009	Arpil 2009	BEQ	0.37	=	mg/kg
G1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
G10	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
G2	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
Q5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
Q7	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
Q8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
X1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
X10	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
X3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
X4	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
X5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
X9	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
Y3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
Y8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
H1	0.5-2	HFSB-H1-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.07	=	mg/kg
H4	0.5-2	HFSB-H4-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.02	=	mg/kg
H5	0.5-2	HFSB-H5-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.02	=	mg/kg
I1	0.5-2	HFSB-I1-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.1	=	mg/kg
I2	0.5-2	HFSB-I2-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.43	=	mg/kg
I3	0.5-2	HFSB-I3-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.15	=	mg/kg
I4	0.5-2	HFSB-I4-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.01	=	mg/kg
I5	0.5-2	HFSB-I5-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.34	=	mg/kg
J1	0.5-2	HFSB-J1-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.13	=	mg/kg
J2	0.5-2	HFSB-J2-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.43	=	mg/kg
J3	0.5-2	HFSB-J3-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.04	=	mg/kg
J4	0.5-2	HFSB-J4-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.03	=	mg/kg
J5	0.5-2	HFSB-J5-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.02	=	mg/kg
SB02A	0.5-2	HFSB02A-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	0.21	=	mg/kg
SB02E	0.5-2	HFSB02E-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	0.03	=	mg/kg
SB02N2	0.5-2	HFSB02N20.5-2.0	ParcelK-SoilSampling2009	24-Jul-09	BEQ	0.09	=	mg/kg
SB02W	0.5-2	HFSB02W-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	0.02	=	mg/kg

Samples to be Removed

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units	Location Removed because Concentration exceeds 3x SCTL
HFSB-01	0.5-2	HFSB-01-0.502	ParcelK-Soil Sampling April 2009	Arpil 2009	BEQ	1.22	=	mg/kg	X
HFSB-02	0.5-2	HFSB-02-0.502	ParcelK-Soil Sampling April 2009	Arpil 2009	BEQ	1.24	=	mg/kg	X
HFSB-03	0.5-2	HFSB-03-0.502	ParcelK-Soil Sampling April 2009	Arpil 2009	BEQ	1.12	=	mg/kg	X
SB02N	0.5-2	HFSB02N-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	12.86	=	mg/kg	X

TABLE C-40
UCL 95 Recreational PCBs - Pre-Removal and Post-Removal
Exposure Unit 3 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	57
Number of Censored Data	46
Minimum	0.32
Maximum	0.43
Mean	0.159421
Median	0.069
Standard Deviation	0.148468
Variance	
Coefficient of Variation	0.931297
Skewness	0.318642

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.245139
Bounding (1/2 DL)	0.137486

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.245139

TABLE C-41
UCL 95 Recreational BEQ - Pre-Removal
Exposure Unit 3 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Note: Results reflect censored parameter estimations based on distributional assumptions.

Censor Estimated Statistics for	
Number of Samples	36
Number of Censored Data	14
Minimum Non-censored	0.01
Maximum	12.86
Mean	NA
Median	NA
Standard Deviation	NA
Variance	NA
Coefficient of Variation	NA
Skewness	NA

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	2.08214

Censor Estimated Statistics for ln()	
Minimum	-6.684611797
Maximum	2.554121733
Mean	-3.972066344
Standard Deviation	3.032204432
Variance	9.19426372
Fit	0.984487534

Goodness-of-Fit Results	
Distribution Recommended	Lognormal
Distribution Used	Lognormal

Estimates Assuming Lognormal Distribution	
MLE Mean	1.868368362
MLE Standard Deviation	185.3315834
MLE Median	0.018834474
MLE Coefficient of Variation	99.19434901
MVUE Estimate of Mean	0.840589225
MVUE Estimate of Std. Dev.	7.863785767
MVUE Estimate of SE	0.662811492
MVUE Coefficient of Variation	9.355087515

UCL Assuming Lognormal Distribution	
95% H-UCL	29.17025566
95% Chebyshev (MVUE) UCL	3.729718208
99% Chebyshev (MVUE) UCL	7.435497284

FDEP Recommended UCL to Use:
2.08214

TABLE C-42
UCL 95 Recreational BEQ - Post-Removal
Exposure Unit 3 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Summary Statistics for	
Number of Samples	32
Number of Censored Data	14
Minimum	0.00125
Maximum	0.43
Mean	0.078984
Median	0.02
Standard Deviation	0.131283
Variance	0.017235
Coefficient of Variation	1.662134
Skewness	1.880471

95% UCL (Assuming Normal Data)	
Student's-t	0.118333

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.125406
Modified-t	0.119619

95% Non-parametric UCL	
CLT	0.117161
Jackknife	NA
Standard Bootstrap	0.118007
Bootstrap-t	0.13118
Chebyshev (Mean, Std)	0.180147

Summary Statistics for ln()	
Minimum	-6.684611797
Maximum	-0.84397006
Mean	-4.39683128
Standard Deviation	2.245215121
Variance	5.040990938

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.15315025
MLE Standard Deviation	1.898217881
MLE Median	0.012316305
MLE Coefficient of Variation	12.39448108
MVUE Estimate of Mean	0.105473869
MVUE Estimate of Std. Dev.	0.426507593
MVUE Estimate of SE	0.067012255
MVUE Coefficient of Variation	4.043727595

UCL Assuming Lognormal Distribution	
95% H-UCL	0.843984485
95% Chebyshev (MVUE) UCL	0.39757359
99% Chebyshev (MVUE) UCL	0.772239089

FDEP Recommended UCL to Use:
0.180147

TABLE C-43
Summary of Site Characteristics Pre/Post Removal - Industrial
Exposure Unit 1 (0.5 - 2.0 ft bgs)

	Pre-Removal Action Site Characteristics 0.5-2.0 ft bgs				
Chemical	**FOD**	**Min**	**Max**	**Mean**	**FL-UCL Before Removal**
PCBS (1260)	16 / 65	1.50E-02	4.70E+00	0.3319	0.6
BEQ	18 / 24	2.00E-02	1.48E+00	0.1491	0.4

	Post-Removal Action Site Characteristics 0.5-2.0 ft bgs				
Chemical	**FOD**	**Min**	**Max**	**Mean**	**FL-UCL After Removal**
PCBS (1260)	15 / 63	1.50E-02	1.10E+00	0.2677	0.36
BEQ	16 / 22	2.50E-03	5.60E-01	0.0863	0.20

	Post-Removal Action Site Characteristics 0.5-2.0 ft bgs				
Chemical	**Max**	**FL-UCL After Removal**	**Industrial SCTL**	**Max Concentration Exceeds 3 x SCTL**	**Apportioned Ratio Approach**
PCBS (1260)	1.10E+00	0.36	2.60	No	0.14
BEQ	5.60E-01	0.20	0.70	No	0.29
				Sum of Ratios:	0.43

FOD = Frequency of Detection
Min = Minimum Concentration
Max = Maximum Concentration
Mean = Mean Concentration
FL UCL = Upper Confidence Limit calculated using FDEP UCL Calculator Version 1.0
SCTL = Soil Clean Up Target Level
All units are expressed in mg/kg.

TABLE C-44

PCBs - Industrial

Exposure Unit 1 (0.5 - 2.0 ft bgs)

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units
HFSB-06	0.5-2	HFSB-06-0.502	ParcelK-Soil Sampling April 2009	4/1/2009	PCB-1260 (AROCHLOR 1260)	0.17	=	mg/kg
B1	0.5-2	HFSB-B1-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.015	=	mg/kg
B2	0.5-2	HFSB-B2-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.041	=	mg/kg
C2	0.5-2	HFSB-C2-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.45	=	mg/kg
C4	0.5-2	HFSB-C4-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.14	=	mg/kg
D3	0.5-2	HFSB-D3-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.38	=	mg/kg
SB07E	0.5-2	HFSB07E-0.5-2.0ft	ParcelK-SoilSampling2009	7/24/2009	PCB-1260 (AROCHLOR 1260)	0.5	=	mg/kg
SB07N	0.5-2	HFSB07N-0.5-2.0ft	ParcelK-SoilSampling2009	7/24/2009	PCB-1260 (AROCHLOR 1260)	0.49	=	mg/kg
SB07S	0.5-2	HFSB07S-0.5-2.0ft	ParcelK-SoilSampling2009	7/24/2009	PCB-1260 (AROCHLOR 1260)	0.1	=	mg/kg
SB07W	0.5-2	HFSB07W-0.5-2.0ft	ParcelK-SoilSampling2009	7/24/2009	PCB-1260 (AROCHLOR 1260)	1.1	=	mg/kg
D1	0.5-2	45-D1(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.15	J	mg/kg
D10	0.5-2	45-D10(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.084	J	mg/kg
D6	0.5-2	45-D6(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.19	J	mg/kg
C3	0.5-2	HFSB-C3-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.12	J	mg/kg
D4	0.5-2	HFSB-D4-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.082	J	mg/kg
C10	0.5-2	45-C10(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
C2	0.5-2	45-C2(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.35	U	mg/kg
C3	0.5-2	45-C3(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
C4	0.5-2	45-C4(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
C6	0.5-2	45-C6(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
C7	0.5-2	45-C7(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
C8	0.5-2	45-C8(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
C9	0.5-2	45-C9(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
D5	0.5-2	45-D5(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.35	U	mg/kg
D7	0.5-2	45-D7(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
D9	0.5-2	45-D9(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
E10	0.5-2	45-E10(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
E4	0.5-2	45-E4(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
E5	0.5-2	45-E5(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
E8	0.5-2	45-E8(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
E9	0.5-2	45-E9(0.5-2)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
T2	0.5-2	45-T2(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	9/12/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
T3	0.5-2	45-T3(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	9/12/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
T7	0.5-2	45-T7(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	9/12/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
U1	0.5-2	45-U1(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
U10	0.5-2	45-U10(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
U2	0.5-2	45-U2(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
U3	0.5-2	45-U3(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
U5	0.5-2	45-U5(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
U6	0.5-2	45-U6(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
U7	0.5-2	45-U7(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
U9	0.5-2	45-U9(0.5-2)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
L10	0.5-2	45-L10(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
M10	0.5-2	45-M10(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
M2	0.5-2	45-M2(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.31	U	mg/kg
M4	0.5-2	45-M4(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
M6	0.5-2	45-M6(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
M8	0.5-2	45-M8(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
N10	0.5-2	45-N10(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
N2	0.5-2	45-N2(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
N4	0.5-2	45-N4(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
N6	0.5-2	45-N6(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
N8	0.5-2	45-N8(0.5-2)-090706	DRMO-2006-Data	9/7/2006	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
D2	0.5-2	BACKFILL	DRMO-Backfill data	1/16/2007	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
D3	0.5-2	BACKFILL	DRMO-Backfill data	1/16/2007	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
E1	0.5-2	BACKFILL	DRMO-Backfill data	1/16/2007	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
E2	0.5-2	BACKFILL	DRMO-Backfill data	1/16/2007	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
E3	0.5-2	BACKFILL	DRMO-Backfill data	1/16/2007	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
E7	0.5-2	BACKFILL	DRMO-Backfill data	1/16/2007	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
A2	0.5-2	HFSB-A2-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.015	U	mg/kg
B3	0.5-2	HFSB-B3-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.014	U	mg/kg
C1	0.5-2	HFSB-C1-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.016	U	mg/kg
D1	0.5-2	HFSB-D1-0.502	ParcelK-SoilInvestigation2009	11/5/2009	PCB-1260 (AROCHLOR 1260)	0.015	U	mg/kg

Samples to be Removed

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units	Location Removed based on BEQ Result
HFSB-07	0.5-2	HFSB-07-0.502	ParcelK-Soil Sampling April 2009	4/1/2009	PCB-1260 (AROCHLOR 1260)	4.7	=	mg/kg	
HFSB-09	0.5-2	HFSB-09-0.502	ParcelK-Soil Sampling April 2009	4/1/2009	PCB-1260 (AROCHLOR 1260)	0.0059	U	mg/kg	X

TABLE C-45
BEQ - Industrial
Exposure Unit 1 (0.5 - 2.0 ft bgs)

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units
HFSB-06	0.5-2	HFSB-06-0.502	ParcelK-Soil Sampling April 2009	Apr-09	BEQ	0.22	=	mg/kg
SB09A	0.5-2	HFSB09A-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	0.0025	=	mg/kg
SB09N	0.5-2	HFSB09N-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	0.56	=	mg/kg
SB09S	0.5-2	HFSB09S-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	0.031	=	mg/kg
SB09W	0.5-2	HFSB09W-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	0.038	=	mg/kg
A2	0.5-2	HFSB-A2-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.2	=	mg/kg
B1	0.5-2	HFSB-B1-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.16	=	mg/kg
B2	0.5-2	HFSB-B2-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.11	=	mg/kg
B3	0.5-2	HFSB-B3-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.02	=	mg/kg
C1	0.5-2	HFSB-C1-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.12	=	mg/kg
C2	0.5-2	HFSB-C2-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.15	=	mg/kg
C3	0.5-2	HFSB-C3-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.02	=	mg/kg
C4	0.5-2	HFSB-C4-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.04	=	mg/kg
D1	0.5-2	HFSB-D1-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.03	=	mg/kg
D3	0.5-2	HFSB-D3-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.14	=	mg/kg
D4	0.5-2	HFSB-D4-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.05	=	mg/kg
D2	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
D3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
E1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
E2	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
E3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
E7	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg

Sample to be Removed

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units	Location to be Removed based on PCB Results
HFSB-09	0.5-2	HFSB-09-0.502	ParcelK-Soil Sampling April 2009	Apr-09	BEQ	1.48	=	mg/kg	
HFSB-07	0.5-2	HFSB-07-0.502	ParcelK-Soil Sampling April 2009	Apr-09	BEQ	0.2	=	mg/kg	X

TABLE C-46
UCL 95 Industrial PCBs - Pre-Removal
Exposure Unit 1 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	65
Number of Censored Data	49
Minimum	0.34
Maximum	4.7
Mean	0.331875
Median	0.33
Standard Deviation	0.577488
Variance	
Coefficient of Variation	1.740074
Skewness	6.976461

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.644097
Bounding (1/2 DL)	0.548579

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.644097

TABLE C-47
UCL 95 Industrial PCBs - Post-Removal
Exposure Unit (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	63
Number of Censored Data	48
Minimum	0.34
Maximum	1.1
Mean	0.267714
Median	0.33
Standard Deviation	0.174937
Variance	
Coefficient of Variation	0.653445
Skewness	1.287372

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.363784
Bounding (1/2 DL)	0.251659

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.363784

TABLE C-48
UCL 95 Industrial BEQ - Pre-Removal
Exposure Unit 1 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Summary Statistics for	
Number of Samples	24
Number of Censored Data	6
Minimum	0.00125
Maximum	1.48
Mean	0.149125
Median	0.039
Standard Deviation	0.309354
Variance	0.0957
Coefficient of Variation	2.074463
Skewness	3.834389

95% UCL (Assuming Normal Data)	
Student's-t	0.25735

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.30582
Modified-t	0.265588

95% Non-parametric UCL	
CLT	0.253001
Jackknife	NA
Standard Bootstrap	0.250829
Bootstrap-t	0.508784
Chebyshev (Mean, Std)	0.424381

Summary Statistics for ln()	
Minimum	-6.684611797
Maximum	0.3920421
Mean	-3.555517408
Standard Deviation	2.223931622
Variance	4.94587186

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.338719998
MLE Standard Deviation	4.001964593
MLE Median	0.028566591
MLE Coefficient of Variation	11.81496404
MVUE Estimate of Mean	0.235731393
MVUE Estimate of Std. Dev.	0.935753435
MVUE Estimate of SE	0.148433943
MVUE Coefficient of Variation	3.969574959

UCL Assuming Lognormal Distribution	
95% H-UCL	2.706557512
95% Chebyshev (MVUE) UCL	0.88274008
99% Chebyshev (MVUE) UCL	1.712634325

FDEP Recommended UCL to Use:
0.424381

TABLE C-49
UCL 95 Industrial BEQ - Post-Removal
Exposure Unit 1 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Summary Statistics for	
Number of Samples	22
Number of Censored Data	6
Minimum	0.00125
Maximum	0.56
Mean	0.086318
Median	0.0345
Standard Deviation	0.127336
Variance	0.016214
Coefficient of Variation	1.475191
Skewness	2.677329

95% UCL (Assuming Normal Data)	
Student's-t	0.133033

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.147537
Modified-t	0.135616

95% Non-parametric UCL	
CLT	0.130977
Jackknife	NA
Standard Bootstrap	0.131063
Bootstrap-t	0.177659
Chebyshev (Mean, Std)	0.204657

Summary Statistics for ln()	
Minimum	-6.684611797
Maximum	-0.579818487
Mean	-3.823410088
Standard Deviation	2.102218088
Variance	4.419320889

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.19913951
MLE Standard Deviation	1.803723336
MLE Median	0.021853153
MLE Coefficient of Variation	9.057586486
MVUE Estimate of Mean	0.142204121
MVUE Estimate of Std. Dev.	0.478642521
MVUE Estimate of SE	0.08720947
MVUE Coefficient of Variation	3.36588362

UCL Assuming Lognormal Distribution	
95% H-UCL	1.480235457
95% Chebyshev (MVUE) UCL	0.52234149
99% Chebyshev (MVUE) UCL	1.009929657

FDEP Recommended UCL to Use:
0.204657

TABLE C-50

Summary of Site Characteristics Pre/Post Removal - Industrial

Exposure Unit 2 (0.5 - 2.0 ft bgs)

	Pre-Removal Action Site Characteristics 0.5-2.0 ft bgs				
Chemical	**FOD**	**Min**	**Max**	**Mean**	**FL-UCL Before Removal**
PCBs	24 / 60	0.0093	1.5	**--**	0.3
BEQ	16 / 27	1.00E-02	2.34E+00	--	0.6

	Post-Removal Action Site Characteristics 0.5-2.0 ft bgs				
Chemical	**FOD**	**Min**	**Max**	**Mean**	**FL-UCL After Removal**
BEQ	15 / 26	1.00E-02	1.06E+00	--	0.35

	Post-Removal Action Site Characteristics 0.5-2.0 ft bgs				
Chemical	**Max**	**FL-UCL After Removal**	**Industrial SCTL**	**Max Concentration < 3 x SCTL**	**Apportioned Ratio Approach**
PCBs	1.5	0.34	2.6	No	0.13
BEQ	1.06E+00	0.35	0.70	No	0.50
				Sum of Ratios:	0.63

FOD = Frequency of Detection

Min = Minimum Concentration

Max = Maximum Concentration

Mean = Mean Concentration

FL UCL = Upper Confidence Limit calculated using FDEP UCL Calculator Version 1.0

SCTL = Soil Clean Up Target Level

All units are expressed in mg/kg.

TABLE C-51
PCBs - Industrial
Exposure Unit 2 (0.5 - 2.0 ft bgs)

NOTE: No samples recommended for removal. Max concentration (1.5) does not exceed Industrial SCTL (2.6). FLU-UCL (0.34) does not exceed SCTL.

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units
F2	0.5-2	45-F2(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.23	J	mg/kg
F4	0.5-2	45-F4(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.27	J	mg/kg
F7	0.5-2	45-F7(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.076	J	mg/kg
F9	0.5-2	45-F9(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
O10	0.5-2	45-O10(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
O2	0.5-2	45-O2(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.44	=	mg/kg
O4	0.5-2	45-O4(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.36	=	mg/kg
O5	0.5-2	45-O5(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.41	=	mg/kg
O6	0.5-2	45-O6(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.42	=	mg/kg
O8	0.5-2	45-O8(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.38	=	mg/kg
O9	0.5-2	45-O9(0.5-2)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
P1	0.5-2	45-P1(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.18	J	mg/kg
P10	0.5-2	45-P10(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.36	U	mg/kg
P2	0.5-2	45-P2(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
P3	0.5-2	45-P3(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.35	U	mg/kg
P4	0.5-2	45-P4(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.12	J	mg/kg
P6	0.5-2	45-P6(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
P7	0.5-2	45-P7(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
P9	0.5-2	45-P9(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.35	U	mg/kg
V2	0.5-2	45-V2(0.5-2)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
V3	0.5-2	45-V3(0.5-2)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
V5	0.5-2	45-V5(0.5-2)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
V7	0.5-2	45-V7(0.5-2)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
V8	0.5-2	45-V8(0.5-2)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
V9	0.5-2	45-V9(0.5-2)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
W1	0.5-2	45-W1(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
W10	0.5-2	45-W10(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
W2	0.5-2	45-W2(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
W4	0.5-2	45-W4(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
W5	0.5-2	45-W5(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
W6	0.5-2	45-W6(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
W8	0.5-2	45-W8(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
W9	0.5-2	45-W9(0.5-2)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
F1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
F10	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
F3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
F5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
F6	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
F8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
O1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
O3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
O7	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
P5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
P8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
HFSB-05	0.5-2	HFSB-05-0.502	ParcelK-Soil Sampling April 2009	Apr-09	PCB-1260 (AROCHLOR 1260)	1.5	=	mg/kg
E1	0.5-2	HFSB-E1-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.76	=	mg/kg
E2	0.5-2	HFSB-E2-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.88	=	mg/kg
E3	0.5-2	HFSB-E3-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.053	=	mg/kg
E4	0.5-2	HFSB-E4-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.36	J	mg/kg
E5	0.5-2	HFSB-E5-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.015	U	mg/kg
F1	0.5-2	HFSB-F1-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
F2	0.5-2	HFSB-F2-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.21	J	mg/kg
F3	0.5-2	HFSB-F3-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.76	=	mg/kg
F4	0.5-2	HFSB-F4-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.042	=	mg/kg
F5	0.5-2	HFSB-F5-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.058	B	mg/kg
G1	0.5-2	HFSB-G1-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.0093	J	mg/kg
G2	0.5-2	HFSB-G2-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.021	B	mg/kg
G3	0.5-2	HFSB-G3-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.021	B	mg/kg
G4	0.5-2	HFSB-G4-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.04	B	mg/kg
G5	0.5-2	HFSB-G5-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	PCB-1260 (AROCHLOR 1260)	0.014	B	mg/kg

TABLE C-52
BEQ - Industrial
Exposure Unit 2 (0.5 - 2.0 ft bgs)

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units
HFSB-05	0.5-2	HFSB-05-0.502	ParcelK-Soil Sampling April 2009	Apr-09	BEQ	1.06	=	mg/kg
F1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
F10	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
F3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
F5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
F6	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
F8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
O1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
O3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
O7	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
P5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
P8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
E1	0.5-2	HFSB-E1-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.06	=	mg/kg
E2	0.5-2	HFSB-E2-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.1	=	mg/kg
E3	0.5-2	HFSB-E3-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.06	=	mg/kg
E5	0.5-2	HFSB-E5-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	0.04	=	mg/kg
F1	0.5-2	HFSB-F1-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.02	=	mg/kg
F2	0.5-2	HFSB-F2-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.14	=	mg/kg
F3	0.5-2	HFSB-F3-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.94	=	mg/kg
F4	0.5-2	HFSB-F4-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.07	=	mg/kg
F5	0.5-2	HFSB-F5-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.11	=	mg/kg
G1	0.5-2	HFSB-G1-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.01	=	mg/kg
G2	0.5-2	HFSB-G2-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.07	=	mg/kg
G3	0.5-2	HFSB-G3-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.05	=	mg/kg
G4	0.5-2	HFSB-G4-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.02	=	mg/kg
G5	0.5-2	HFSB-G5-0.502	ParcelK-SoilInvestigation2009	04-Nov-09	BEQ	0.31	=	mg/kg

Samples to be Removed

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units
E4	0.5-2	HFSB-E4-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	2.34	=	mg/kg

TABLE C-53
UCL 95 Industrial PCBs - Pre-Removal and Post-Removal
Exposure Unit 2 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Summary Statistics for	
Number of Samples	60
Number of Censored Data	36
Minimum	0.0075
Maximum	1.5
Mean	0.193597
Median	0.165
Standard Deviation	0.252191
Variance	0.063601
Coefficient of Variation	1.302664
Skewness	3.119668

95% UCL (Assuming Normal Data)	
Student's-t	0.248004

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.261167
Modified-t	0.250189

95% Non-parametric UCL	
CLT	0.247154
Jackknife	NA
Standard Bootstrap	0.258219
Bootstrap-t	0.28002
Chebyshev (Mean, Std)	0.335516

Summary Statistics for ln()	
Minimum	-4.892852306
Maximum	0.405465096
Mean	-2.409116416
Standard Deviation	1.408456525
Variance	1.983749782

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.242381699
MLE Standard Deviation	0.60692071
MLE Median	0.089894689
MLE Coefficient of Variation	2.503987355
MVUE Estimate of Mean	0.224992216
MVUE Estimate of Std. Dev.	0.436812115
MVUE Estimate of SE	0.078386759
MVUE Coefficient of Variation	1.941454349

UCL Assuming Lognormal Distribution	
95% H-UCL	0.401098162
95% Chebyshev (MVUE) UCL	0.566672266
99% Chebyshev (MVUE) UCL	1.004932642

FDEP Recommended UCL to Use:
0.335516

TABLE C-54
UCL 95 Industrial BEQ - Pre-Removal
Exposure Unit 2 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Note: Results reflect censored parameter estimations based on distributional assumptions.

Censor Estimated Statistics for	
Number of Samples	27
Number of Censored Data	11
Minimum Non-censored	0.01
Maximum	2.34
Mean	NA
Median	NA
Standard Deviation	NA
Variance	NA
Coefficient of Variation	NA
Skewness	NA

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	0.621793

Censor Estimated Statistics for ln()	
Minimum	-6.684611797
Maximum	0.850150883
Mean	-4.160337556
Standard Deviation	2.740940977
Variance	7.512757441
Fit	0.975703716

Goodness-of-Fit Results	
Distribution Recommended	Lognormal
Distribution Used	Lognormal

Estimates Assuming Lognormal Distribution	
MLE Mean	0.667671605
MLE Standard Deviation	28.5639883
MLE Median	0.01560229
MLE Coefficient of Variation	42.7814933
MVUE Estimate of Mean	0.31855002
MVUE Estimate of Std. Dev.	1.771304558
MVUE Estimate of SE	0.244159263
MVUE Coefficient of Variation	5.560522505

UCL Assuming Lognormal Distribution	
95% H-UCL	11.0374279
95% Chebyshev (MVUE) UCL	1.382815838
99% Chebyshev (MVUE) UCL	2.747910261

FDEP Recommended UCL to Use:
0.621793

TABLE C-55
UCL 95 Industrial BEQ - Post-Removal
Exposure Unit 2 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Note: Results reflect censored parameter estimations based on distributional assumptions.

Censor Estimated Statistics for	
Number of Samples	26
Number of Censored Data	11
Minimum Non-censored	0.01
Maximum	1.06
Mean	NA
Median	NA
Standard Deviation	NA
Variance	NA
Coefficient of Variation	NA
Skewness	NA

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	0.347838

Censor Estimated Statistics for ln()	
Minimum	-6.684611797
Maximum	0.058268853
Mean	-4.309684602
Standard Deviation	2.521218998
Variance	6.356545236
Fit	0.967692614

Goodness-of-Fit Results	
Distribution Recommended	Lognormal
Distribution Used	Lognormal

Estimates Assuming Lognormal Distribution	
MLE Mean	0.32257746
MLE Standard Deviation	7.736831247
MLE Median	0.013437787
MLE Coefficient of Variation	23.98441365
MVUE Estimate of Mean	0.176141769
MVUE Estimate of Std. Dev.	0.792981453
MVUE Estimate of SE	0.128058769
MVUE Coefficient of Variation	4.501950099

UCL Assuming Lognormal Distribution	
95% H-UCL	3.80381155
95% Chebyshev (MVUE) UCL	0.734337151
99% Chebyshev (MVUE) UCL	1.450313687

FDEP Recommended UCL to Use:
0.347838

TABLE C-56
Summary of Site Characteristics Pre/Post Removal - Industrial
Exposure Unit 3 (0.5 - 2.0 ft bgs)

	Pre-Removal Action Site Characteristics - Zone 3 - 0.5-2.0 ft bgs				
Chemical	**FOD**	**Min**	**Max**	**Mean**	**FL-UCL Before Removal**
PCBS (1260)	11 / 57	1.00E-02	4.30E-01	--	0.2
BEQ	22 / 36	1.00E-02	1.29E+01	--	2.1

	Post-Removal Action Site Characteristics 0.5-2.0 ft bgs				
Chemical	**FOD**	**Min**	**Max**	**Mean**	**FL-UCL After Removal**
BEQ	21 / 35	1.00E-02	1.24E+00	0.1745	0.43

	Post-Removal Action Site Characteristics 0.5-2.0 ft bgs				
Chemical	**Max**	**FL-UCL After Removal**	**Industrial SCTL**	**Max Concentration Exceeds 3 x SCTL**	**Apportioned Ratio Approach**
PCBS (1260)	0.43	0.25	2.6	No	0.09
BEQ	1.24E+00	0.43	0.70	No	0.61
				Sum of Ratios:	0.70

FOD = Frequency of Detection
Min = Minimum Concentration
Max = Maximum Concentration
Mean = Mean Concentration
FL UCL = Upper Confidence Limit calculated using FDEP UCL Calculator Version 1.0
SCTL = Soil Clean Up Target Level
All units are expressed in mg/kg.

TABLE C-57
PCBs - Industrial
Exposure Unit 3 (0.5 - 2.0 ft bgs)

Maximum concentration (0.43) does not exceed SCTL. FLU-UCL (0.25) does not exceed SCTL.

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units
G3	0.5-2	45-G3(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.071	J	mg/kg
G4	0.5-2	45-G4(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.082	J	mg/kg
G5	0.5-2	45-G5(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
G6	0.5-2	45-G6(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
G7	0.5-2	45-G7(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
G9	0.5-2	45-G9(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.069	J	mg/kg
H10	0.5-2	45-H10(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
H2	0.5-2	45-H2(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
H3	0.5-2	45-H3(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.33	U	mg/kg
H4	0.5-2	45-H4(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
H5	0.5-2	45-H5(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
H7	0.5-2	45-H7(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
H9	0.5-2	45-H9(0.5-2)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
Q10	0.5-2	45-Q10(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
Q2	0.5-2	45-Q2(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
Q3	0.5-2	45-Q3(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
Q4	0.5-2	45-Q4(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
Q9	0.5-2	45-Q9(0.5-2)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
X2	0.5-2	45-X2(0.5-2)-091906	DRMO Truman Annex PCB and Lead Sampling	19-Sep-06	PCB-1260 (AROCHLOR 1260)	0.34	U	mg/kg
X7	0.5-2	45-X7(0.5-2)-091906	DRMO Truman Annex PCB and Lead Sampling	19-Sep-06	PCB-1260 (AROCHLOR 1260)	0.13	J	mg/kg
Y1	0.5-2	45-Y1(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.31	U	mg/kg
Y10	0.5-2	45-Y10(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.059	J	mg/kg
Y11	0.5-2	45-Y11(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.43	=	mg/kg
Y12	0.5-2	45-Y12(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.31	U	mg/kg
Y2	0.5-2	45-Y2(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
Y4	0.5-2	45-Y4(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
Y5	0.5-2	45-Y5(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
Y6	0.5-2	45-Y6(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
Y7	0.5-2	45-Y7(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.082	J	mg/kg
Y9	0.5-2	45-Y9(0.5-2)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	PCB-1260 (AROCHLOR 1260)	0.32	U	mg/kg
G1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
G10	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
G2	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
Q5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
Q7	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
Q8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
X1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
X10	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
X3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
X4	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
X5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
X9	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
Y3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
Y8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
H1	0.5-2	HFSB-H1-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.035	=	mg/kg
H4	0.5-2	HFSB-H4-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
H5	0.5-2	HFSB-H5-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
I1	0.5-2	HFSB-I1-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
I2	0.5-2	HFSB-I2-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.026	U	mg/kg
I3	0.5-2	HFSB-I3-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.025	U	mg/kg
I4	0.5-2	HFSB-I4-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
I5	0.5-2	HFSB-I5-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
J1	0.5-2	HFSB-J1-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.069	B	mg/kg
J2	0.5-2	HFSB-J2-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.01	B	mg/kg
J3	0.5-2	HFSB-J3-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.014	B	mg/kg
J4	0.5-2	HFSB-J4-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.024	U	mg/kg
J5	0.5-2	HFSB-J5-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	PCB-1260 (AROCHLOR 1260)	0.025	U	mg/kg

TABLE C-58
BEQ - Industrial
Exposure Unit 3 (0.5 - 2.0 ft bgs)

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units
HFSB-01	0.5-2	HFSB-01-0.502	ParcelK-Soil Sampling April 2009	Arpil 2009	BEQ	1.22	=	mg/kg
HFSB-02	0.5-2	HFSB-02-0.502	ParcelK-Soil Sampling April 2009	Arpil 2009	BEQ	1.24	=	mg/kg
HFSB-03	0.5-2	HFSB-03-0.502	ParcelK-Soil Sampling April 2009	Arpil 2009	BEQ	1.12	=	mg/kg
HFSB-04	0.5-2	HFSB-04-0.502	ParcelK-Soil Sampling April 2009	Arpil 2009	BEQ	0.37	=	mg/kg
G1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
G10	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
G2	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
Q5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
Q7	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
Q8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
X1	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
X10	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
X3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
X4	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
X5	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
X9	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
Y3	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
Y8	0.5-2	BACKFILL	DRMO-Backfill data	16-Jan-07	BEQ	0.0025	U	mg/kg
H1	0.5-2	HFSB-H1-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.07	=	mg/kg
H4	0.5-2	HFSB-H4-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.02	=	mg/kg
H5	0.5-2	HFSB-H5-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.02	=	mg/kg
I1	0.5-2	HFSB-I1-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.1	=	mg/kg
I2	0.5-2	HFSB-I2-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.43	=	mg/kg
I3	0.5-2	HFSB-I3-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.15	=	mg/kg
I4	0.5-2	HFSB-I4-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.01	=	mg/kg
I5	0.5-2	HFSB-I5-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.34	=	mg/kg
J1	0.5-2	HFSB-J1-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.13	=	mg/kg
J2	0.5-2	HFSB-J2-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.43	=	mg/kg
J3	0.5-2	HFSB-J3-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.04	=	mg/kg
J4	0.5-2	HFSB-J4-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.03	=	mg/kg
J5	0.5-2	HFSB-J5-0.502	ParcelK-SoilInvestigation2009	03-Nov-09	BEQ	0.02	=	mg/kg
SB02A	0.5-2	HFSB02A-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	0.21	=	mg/kg
SB02E	0.5-2	HFSB02E-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	0.03	=	mg/kg
SB02N2	0.5-2	HFSB02N20.5-2.0	ParcelK-SoilSampling2009	24-Jul-09	BEQ	0.09	=	mg/kg
SB02W	0.5-2	HFSB02W-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	0.02	=	mg/kg

Samples to be Removed

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units	Location Removed because Concentration Exceeds 3x SCTL.
SB02N	0.5-2	HFSB02N-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	12.86	=	mg/kg	X

TABLE C-59
UCL 95 Industrial PCBs - Pre-Removal and Post-Removal
Exposure Unit 3 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	57
Number of Censored Data	46
Minimum	0.32
Maximum	0.43
Mean	0.159421
Median	0.069
Standard Deviation	0.148468
Variance	
Coefficient of Variation	0.931297
Skewness	0.318642

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.245139
Bounding (1/2 DL)	0.137486

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.245139

TABLE C-60
UCL 95 Industrial BEQ - Pre-Removal
Exposure Unit 3 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Note: Results reflect censored parameter estimations based on distributional assumptions.

Censor Estimated Statistics for	
Number of Samples	36
Number of Censored Data	14
Minimum Non-censored	0.01
Maximum	12.86
Mean	NA
Median	NA
Standard Deviation	NA
Variance	NA
Coefficient of Variation	NA
Skewness	NA

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	2.08214

Censor Estimated Statistics for ln()	
Minimum	-6.684611797
Maximum	2.554121733
Mean	-3.972066344
Standard Deviation	3.032204432
Variance	9.19426372
Fit	0.984487534

Goodness-of-Fit Results	
Distribution Recommended	Lognormal
Distribution Used	Lognormal

Estimates Assuming Lognormal Distribution	
MLE Mean	1.868368362
MLE Standard Deviation	185.3315834
MLE Median	0.018834474
MLE Coefficient of Variation	99.19434901
MVUE Estimate of Mean	0.840589225
MVUE Estimate of Std. Dev.	7.863785767
MVUE Estimate of SE	0.662811492
MVUE Coefficient of Variation	9.355087515

UCL Assuming Lognormal Distribution	
95% H-UCL	29.17025566
95% Chebyshev (MVUE) UCL	3.729718208
99% Chebyshev (MVUE) UCL	7.435497284

FDEP Recommended UCL to Use:
2.08214

TABLE C-61
UCL 95 Industrial BEQ - Post-Removal
Exposure Unit 3 (0.5 - 2.0 ft bgs)

FDEP UCL Calculator Version 1.0 8/9/10

Summary Statistics for	
Number of Samples	35
Number of Censored Data	14
Minimum	0.00125
Maximum	1.24
Mean	0.1745
Median	0.02
Standard Deviation	0.340785
Variance	0.116134
Coefficient of Variation	1.952921
Skewness	2.475239

95% UCL (Assuming Normal Data)	
Student's-t	0.271903

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.295013
Modified-t	0.275919

95% Non-parametric UCL	
CLT	0.269257
Jackknife	NA
Standard Bootstrap	0.277836
Bootstrap-t	0.3144
Chebyshev (Mean, Std)	0.425592

Summary Statistics for ln()	
Minimum	-6.684611797
Maximum	0.21511139
Mean	-4.004894571
Standard Deviation	2.506615179
Variance	6.283119657

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.421753296
MLE Standard Deviation	9.75022567
MLE Median	0.018226211
MLE Coefficient of Variation	23.11831528
MVUE Estimate of Mean	0.2659266
MVUE Estimate of Std. Dev.	1.491886848
MVUE Estimate of SE	0.181013759
MVUE Coefficient of Variation	5.610145245

UCL Assuming Lognormal Distribution	
95% H-UCL	2.99831605
95% Chebyshev (MVUE) UCL	1.054947495
99% Chebyshev (MVUE) UCL	2.066995382

FDEP Recommended UCL to Use:
0.425592

Appendix D
Removal

TABLE D-1

Recreational Land Use Based Risk Evaluation and Sample Removal to Eliminate Hot Spots and Site wide Exceedences of SCTLs

0-0.5 ft Depth Interval

Location	Depth	Field ID	Activity	Sample Date	BEQ	Qualifier	PCB-1260 (AROCHLOR 1260) Final Result	Qualifier	Lead	Qualifier	Units	BEQ Exceeds 3x SCTL	PCBs Exceeds 3X SCTL	Lead Exceeds 3X SCTL	BEQ	Qualifier	(AROCHLOR 1260) Final Result	Qualifier	Remove
A2	0-0.5	HFSB-A2-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	9.62	=	0.32	J	62	=	mg/kg	X			0.0025	U	0.32	J	X
B1	0-0.5	HFSB-B1-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	18.5	=	12	=	142	=	mg/kg	X	X		0.0025	U	0.024	U	X
B2	0-0.5	HFSB-B2-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	5.18	=	1.3	J	98.1	=	mg/kg	X			0.0025	U	1.3	J	X
C2	0-0.5	HFSB-C2-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	7.01	=	41	=	146	=	mg/kg	X	X		0.0025	U	0.024	U	X
C3	0-0.5	HFSB-C3-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	3.46	=	15	=	141	=	mg/kg	X	X		0.0025	U	0.024	U	X
C4	0-0.5	HFSB-C4-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	2.76	=	24	=	192	=	mg/kg	X	X		0.0025	U	0.024	U	X
D1	0-0.5	HFSB-D1-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	0.77	=	15	=	64.7	=	mg/kg		X		0.77	=	0.024	U	X
D3	0-0.5	HFSB-D3-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	18.6	=	170	=	158	=	mg/kg	X	X		0.0025	U	0.024	U	X
D4	0-0.5	HFSB-D4-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	1.76	=	16	=	98	=	mg/kg	X	X		0.0025	U	0.024	U	X
E1	0-0.5	HFSB-E1-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	370	=	0.64	=	89.4	=	mg/kg	X			0.024	U	0.64	=	X
E2	0-0.5	HFSB-E2-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	80	J	0.8	=	32	=	mg/kg	X			0.024	U	0.0025	U	X
E3	0-0.5	HFSB-E3-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	13	=	3.86	=	152	=	mg/kg	X	X		0.024	U	0.0025	U	X
E4	0-0.5	HFSB-E4-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	0.49	=	5.67	=	131	=	mg/kg		X		0.024	U	0.0025	U	X
E5	0-0.5	HFSB-E5-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	3.2	J	2.76	=	62.1	=	mg/kg		X		0.024	U	0.0025	U	X
F2	0-0.5	HFSB-F2-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	5.5	J	1.39	=	417	=	mg/kg	X	X		0.024	U	0.0025	U	X
F3	0-0.5	HFSB-F3-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	7.8	=	2.68	=	373	=	mg/kg	X	X		0.024	U	0.0025	U	X
F4	0-0.5	HFSB-F4-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	6.6	JB	0.91	=	132	=	mg/kg	X			0.024	U	0.0025	U	X
F5	0-0.5	HFSB-F5-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	2	B	1.04	=	95.9	=	mg/kg				0.024	U	0.0025	U	X
G3	0-0.5	HFSB-G3-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	1.8	B	9.11	=	249	=	mg/kg		X		0.024	U	0.0025	U	X
G4	0-0.5	HFSB-G4-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	3.2	B	1.09	=	108	=	mg/kg		X		0.024	U	0.0025	U	X
G5	0-0.5	HFSB-G5-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	0.76	B	0.73	=	64.8	=	mg/kg				0.024	U	0.0025	U	X
H1	0-0.5	HFSB-H1-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	5.7	=	1.01	=	118	=	mg/kg	X			0.024	U	0.0025	U	X
H4	0-0.5	HFSB-H4-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	1.3	=	2.27	=	214	=	mg/kg		X		0.024	U	0.0025	U	X
H5	0-0.5	HFSB-H5-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.17	=	1.08	=	93.7	=	mg/kg		X		0.17	=	0.0025	U	X
HFSB-01	0-0.5	HFSB-01-000.5	ParcelK-Soil Sampling April 2009	Apr-09	0.39	=	4.13	=	300	=	mg/kg		X		0.39	=	0.0025	U	X
HFSB-02	0-0.5	HFSB-02-000.5	ParcelK-Soil Sampling April 2009	Apr-09	0.0062	U	16.19	=	440	=	mg/kg		X		0.0062	U	0.0025	U	X
HFSB-03	0-0.5	HFSB-03-000.5	ParcelK-Soil Sampling April 2009	Apr-09	3.7	=	0.33	=	4100	=	mg/kg			X	0.024	U	0.33	=	X
HFSB-04	0-0.5	HFSB-04-000.5	ParcelK-Soil Sampling April 2009	Apr-09	1.7	=	0.93	=	200	=	mg/kg				0.024	U	0.0025	U	X
HFSB-05	0-0.5	HFSB-05-000.5	ParcelK-Soil Sampling April 2009	Apr-09	1.1	=	1.07	=	120	=	mg/kg		X		0.024	U	0.0025	U	X
HFSB-06	0-0.5	HFSB-06-000.5	ParcelK-Soil Sampling April 2009	Apr-09	1.1	=	2.8	=	120	=	mg/kg	X			0.0025	U	2.8	=	X
HFSB-07	0-0.5	HFSB-07-000.5	ParcelK-Soil Sampling April 2009	Apr-09	1.69	=	77	=	110	=	mg/kg	X	X		0.0025	U	0.024	U	X
HFSB-09	0-0.5	HFSB-09-000.5	ParcelK-Soil Sampling April 2009	Apr-09	15.08	=	0.006	U	94	=	mg/kg	X			0.0025	U	0.006	U	X
I1	0-0.5	HFSB-I1-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	2.9	=	0.2	=	242	=	mg/kg				0.024	U	0.2	=	X
I2	0-0.5	HFSB-I2-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	2.4	=	1.04	=	1020	=	mg/kg				0.024	U	0.0025	U	X
I4	0-0.5	HFSB-I4-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.12	B	1.44	=	58	=	mg/kg		X		0.12	B	0.0025	U	X
I5	0-0.5	HFSB-I5-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.0088	B	14.87	=	369	=	mg/kg		X		0.0088	B	0.0025	U	X
J1	0-0.5	HFSB-J1-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	8.3	B	0.29	=	631	=	mg/kg	X			0.024	U	0.29	=	X
J2	0-0.5	HFSB-J2-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.1	B	4.78	=	214	=	mg/kg		X		0.1	B	0.0025	U	X
SB02A	0-0.5	HFSB02A-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	22.6	=	--	--	mg/kg		X		--	--	0.0025	U	X
SB02E	0-0.5	HFSB02E-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	35.9	=	--	--	mg/kg		X		--	--	0.0025	U	X
SB02N	0-0.5	HFSB02N-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	15.3	=	--	--	mg/kg		X		--	--	0.0025	U	X
SB02N2	0-0.5	HFSB02N20.0-0.5	ParcelK-SoilSampling2009	24-Jul-09	--	--	0.8	=	--	--	mg/kg				--	--	0.0025	U	X
SB02S	0-0.5	HFSB02S-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	6.8	=	--	--	mg/kg		X		--	--	0.0025	U	X
SB02W	0-0.5	HFSB02W-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	7.9	=	--	--	mg/kg		X		--	--	0.0025	U	X
SB07A	0-0.5	HFSB07A-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	52	=	--	--	mg/kg		X		--	--	0.024	U	X
SB07E	0-0.5	HFSB07E-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	98	=	--	--	mg/kg		X		--	--	0.024	U	X
SB07N	0-0.5	HFSB07N-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	68	=	--	--	mg/kg		X		--	--	0.024	U	X
SB07S	0-0.5	HFSB07S-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	100	=	--	--	mg/kg		X		--	--	0.024	U	X

TABLE D-1

Recreational Land Use Based Risk Evaluation and Sample Removal to Eliminate Hot Spots and Site wide Exceedences of SCTLs

0-0.5 ft Depth Interval

Location	Depth	Field ID	Activity	Sample Date	BEQ	Qualifier	PCB-1260 (AROCHLOR 1260) Final Result	Qualifier	Lead	Qualifier	Units	BEQ Exceeds 3x SCTL	PCBs Exceeds 3X SCTL	Lead Exceeds 3X SCTL	BEQ	Qualifier	(AROCHLOR 1260) Final Result	Qualifier	Remove
SB07W	0-0.5	HFSB07W-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	15	=	--	--	mg/kg		X		--	--	0.024	U	X
SB09A	0-0.5	HFSB09A-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	24.8	=	--	--	--	--	mg/kg	X			0.0025	U	--	--	X
SB09E	0-0.5	HFSB09E-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	15.4	=	--	--	--	--	mg/kg	X			0.0025	U	--	--	X
SB09N	0-0.5	HFSB09N-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	40.6	=	--	--	--	--	mg/kg	X			0.0025	U	--	--	X
SB09S	0-0.5	HFSB09S-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	12.3	=	--	--	--	--	mg/kg	X			0.0025	U	--	--	X
SB09W	0-0.5	HFSB09W-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	22	=	--	--	--	--	mg/kg	X			0.0025	U	--	--	X

Notes:

Recreational Screening Standards

Analyte	Apportioned SCTL	Action Level (3 X SCTL)
Lead	400	1200
PCB	1.29	3.87
BEQ	0.35	1.05

TABLE D-2

Industrial Land Use Based Risk Evaluation and Sample Removal to Eliminate Hot Spots and Site wide Exceedences of SCTLs

0-0.5 ft Depth Interval

Location	Depth	Field ID	Activity	Sample Date	BEQ	Qualifier	PCB-1260 (AROCHLOR 1260) Final Result	Qualifier	Lead	Qualifier	Units	BEQ Exceeds 3x SCTL	PCBs Exceeds 3X SCTL	Lead Exceeds 3X SCTL	BEQ	Qualifier	PCB-1260 (AROCHLOR 1260) Final Result	Qualifier	Remove
A2	0-0.5	HFSB-A2-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	9.62	=	0.32	J	62	=	mg/kg	X			0.0025	U	0.32	J	X
B1	0-0.5	HFSB-B1-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	18.5	=	12	=	142	=	mg/kg	X	X		0.0025	U	0.024	U	X
B2	0-0.5	HFSB-B2-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	5.18	=	1.3	J	98.1	=	mg/kg	X			0.0025	U	1.3	J	X
C2	0-0.5	HFSB-C2-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	7.01	=	41	=	146	=	mg/kg	X	X		0.0025	U	0.024	U	X
C3	0-0.5	HFSB-C3-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	3.46	=	15	=	141	=	mg/kg	X	X		0.0025	U	0.024	U	X
C4	0-0.5	HFSB-C4-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	2.76	=	24	=	192	=	mg/kg	X	X		0.0025	U	0.024	U	X
D1	0-0.5	HFSB-D1-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	0.77	=	15	=	64.7	=	mg/kg		X		0.77	=	0.024	U	X
D3	0-0.5	HFSB-D3-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	18.6	=	170	=	158	=	mg/kg	X	X		0.0025	U	0.024	U	X
D4	0-0.5	HFSB-D4-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	1.76	=	16	=	98	=	mg/kg		X		0.0025	U	0.024	U	X
E1	0-0.5	HFSB-E1-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	370	=	0.64	=	89.4	=	mg/kg	X			0.024	U	0.64	=	X
E2	0-0.5	HFSB-E2-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	80	J	0.8	=	32	=	mg/kg	X			0.024	U	0.8	=	X
E3	0-0.5	HFSB-E3-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	13	=	3.86	=	152	=	mg/kg	X	X		0.024	U	0.0025	U	X
E4	0-0.5	HFSB-E4-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	0.49	=	5.67	=	131	=	mg/kg		X		0.49	=	0.0025	U	X
E5	0-0.5	HFSB-E5-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	3.2	J	2.76	=	62.1	=	mg/kg		X		0.024	U	0.0025	U	X
F2	0-0.5	HFSB-F2-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	5.5	J	1.39	=	417	=	mg/kg				0.024	U	0.0025	U	X
F3	0-0.5	HFSB-F3-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	7.8	=	2.68	=	373	=	mg/kg	X	X		0.024	U	0.0025	U	X
F4	0-0.5	HFSB-F4-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	6.6	JB	0.91	=	132	=	mg/kg				0.024	U	0.0025	U	X
G3	0-0.5	HFSB-G3-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	1.8	B	9.11	=	249	=	mg/kg		X		1.8	B	0.0025	U	X
G4	0-0.5	HFSB-G4-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	3.2	B	1.09	=	108	=	mg/kg				0.024	U	0.0025	U	X
H1	0-0.5	HFSB-H1-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	5.7	=	1.01	=	118	=	mg/kg				0.024	U	0.0025	U	X
H4	0-0.5	HFSB-H4-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	1.3	=	2.27	=	214	=	mg/kg		X		1.3	=	0.0025	U	X
HFSB-02	0-0.5	HFSB-02-000.5	ParcelK-Soil Sampling April 2009	Apr-09	0.0062	U	16.19	=	440	=	mg/kg		X		0.0062	U	0.0025	U	X
HFSB-03	0-0.5	HFSB-03-000.5	ParcelK-Soil Sampling April 2009	Apr-09	3.7	=	0.33	=	4100	=	mg/kg			X	3.7	=	0.33	=	X
HFSB-07	0-0.5	HFSB-07-000.5	ParcelK-Soil Sampling April 2009	Apr-09	1.69	=	77	=	110	=	mg/kg		X		0.0025	U	0.024	U	X
J2	0-0.5	HFSB-J2-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.1	B	4.78	=	214	=	mg/kg		X		0.1	B	0.0025	U	X
SB02A	0-0.5	HFSB02A-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	22.6	=	--	--	mg/kg		X		--	--	0.0025	U	X
SB02E	0-0.5	HFSB02E-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	35.9	=	--	--	mg/kg		X		--	--	0.0025	U	X
SB02N	0-0.5	HFSB02N-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	15.3	=	--	--	mg/kg		X		--	--	0.0025	U	X
SB02S	0-0.5	HFSB02S-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	6.8	=	--	--	mg/kg		X		--	--	0.0025	U	X
SB02W	0-0.5	HFSB02W-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	7.9	=	--	--	mg/kg		X		--	--	0.0025	U	X
SB07A	0-0.5	HFSB07A-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	52	=	--	--	mg/kg		X				0.024	U	X
SB07E	0-0.5	HFSB07E-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	98	=	--	--	mg/kg		X				0.024	U	X
SB07N	0-0.5	HFSB07N-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	68	=	--	--	mg/kg		X				0.024	U	X
SB07S	0-0.5	HFSB07S-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	100	=	--	--	mg/kg		X				0.024	U	X
SB07W	0-0.5	HFSB07W-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	15	=	--	--	mg/kg		X				0.024	U	X
SB09A	0-0.5	HFSB09A-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	24.8	=	--	--	--	--	mg/kg	X			0.0025	U			X
SB09E	0-0.5	HFSB09E-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	15.4	=	--	--	--	--	mg/kg	X			0.0025	U			X
SB09N	0-0.5	HFSB09N-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	40.6	=	--	--	--	--	mg/kg	X			0.0025	U			X
SB09S	0-0.5	HFSB09S-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	12.3	=	--	--	--	--	mg/kg	X			0.0025	U			X
SB09W	0-0.5	HFSB09W-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	22	=	--	--	--	--	mg/kg	X			0.0025	U			X

Notes:

Industrial Screening Standards

Analyte	SCTL	Apportioned SCTL	Action Level (3 X SCTL)
Lead	1400	1400	4200
PCB	2.6	1.3	7.8
BEQ	0.7	0.35	2.1

TABLE D-3

Recreational Land Use Based Risk Evaluation and Sample Removal to Eliminate Hot Spots and Site wide Exceedences of SCTLs

0.5-2 ft Depth Interval

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units	Remove
E4	0.5-2	HFSB-E4-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	2.34	=	mg/kg	X
E4	0.5-2	HFSB-E4-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	PCB-1260 (AROCHLOR 1260)	0.36	J	mg/kg	X
HFSB-01	0.5-2	HFSB-01-0.502	ParcelK-Soil Sampling April 2009	Arpil 2009	BEQ	1.22	=	mg/kg	X
HFSB-02	0.5-2	HFSB-02-0.502	ParcelK-Soil Sampling April 2009	Arpil 2009	BEQ	1.24	=	mg/kg	X
HFSB-03	0.5-2	HFSB-03-0.502	ParcelK-Soil Sampling April 2009	Arpil 2009	Lead	1200	=	mg/kg	X
HFSB-03	0.5-2	HFSB-03-0.502	ParcelK-Soil Sampling April 2009	Arpil 2009	BEQ	1.12	=	mg/kg	X
HFSB-05	0.5-2	HFSB-05-0.502	ParcelK-Soil Sampling April 2009	Apr-09	BEQ	1.06	=	mg/kg	X
HFSB-05	0.5-2	HFSB-05-0.502	ParcelK-Soil Sampling April 2009	Apr-09	PCB-1260 (AROCHLOR 1260)	1.5	=	mg/kg	X
HFSB-07	0.5-2	HFSB-07-0.502	ParcelK-Soil Sampling April 2009	Apr-09	BEQ	0.2	=	mg/kg	X
HFSB-07	0.5-2	HFSB-07-0.502	ParcelK-Soil Sampling April 2009	4/1/2009	PCB-1260 (AROCHLOR 1260)	4.7	=	mg/kg	X
HFSB-09	0.5-2	HFSB-09-0.502	ParcelK-Soil Sampling April 2009	Apr-09	BEQ	1.48	=	mg/kg	X
HFSB-09	0.5-2	HFSB-09-0.502	ParcelK-Soil Sampling April 2009	4/1/2009	PCB-1260 (AROCHLOR 1260)	0.0059	U	mg/kg	X
SB02N	0.5-2	HFSB02N-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	12.86	=	mg/kg	X

Notes:

Recreational Screening Standards

Analyte	Apportioned SCTL	Action Level (3 X SCTL)
Lead	400	1200
PCB	1.29	3.87
BEQ	0.35	1.05

TABLE D-4

Industrial Land Use Based Risk Evaluation and Sample Removal to Eliminate Hot Spots and Site wide Exceedences of SCTLs

0.5-2 ft Depth Interval

Location	Depth	Field ID	Activity	Sample Date	Analyte	Final Result	Qualifier	Units	Remove
E4	0.5-2	HFSB-E4-0.502	ParcelK-SoilInvestigation2009	05-Nov-09	BEQ	2.34	=	mg/kg	X
HFSB-03	0.5-2	HFSB-03-0.502	ParcelK-Soil Sampling April 2009	Arpil 2009	Lead	1200	=	mg/kg	X
HFSB-07	0.5-2	HFSB-07-0.502	ParcelK-Soil Sampling April 2009	Apr-09	BEQ	0.2	=	mg/kg	X
HFSB-07	0.5-2	HFSB-07-0.502	ParcelK-Soil Sampling April 2009	4/1/2009	PCB-1260 (AROCHLOR 1260)	4.7	=	mg/kg	X
HFSB-09	0.5-2	HFSB-09-0.502	ParcelK-Soil Sampling April 2009	Apr-09	BEQ	1.48	=	mg/kg	X
HFSB-09	0.5-2	HFSB-09-0.502	ParcelK-Soil Sampling April 2009	4/1/2009	PCB-1260 (AROCHLOR 1260)	0.0059	U	mg/kg	X
SB02N	0.5-2	HFSB02N-0.5-2.0ft	ParcelK-SoilSampling2009	24-Jul-09	BEQ	12.86	=	mg/kg	X

Notes:

Industrial Screening Standards

Analyte	SCTL	Apportioned SCTL	Action Level (3 X SCTL)
Lead	1400	1400	4200
PCB	2.6	1.3	7.8
BEQ	0.7	0.35	2.1

Appendix E
Leachability

Appendix B
Risk Assessment Documents

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TABLE B-1
Recreational Exposure Factors from FDEP (from Ligia Mora-Applegate)

Exposure Factor	Abbreviation	Value	Unit
Target Risk	TR	0.000001	--
Target Hazard Index	THI	1	--
Body Weight	BW	39	kilogram
Averaging Time	--	--	--
Cancer	ATc	25550	Days
Non-Cancer	ATnc	5110	Days
Relative Bioavailability	RBA	Chem Specific	--
Exposure Frequency	EF	200	Days/Year
Exposure Duration	ED	14	Year
Fraction from Contaminated Source	FC	1	--
Oral Ingestion Rate	IRo	129	milligram (mg)/Day
Surface Area of Skin	SA	4200	$centimeter^2$
Adherence Factor	AF	0.11	mg/cm^2
Dermal Absorption	DA	0.01	--
Organics	--	0.01	--
Inorganics	--	0.001	--
Inhalation Rate	IRi	12.2	cubic meter ($m^{3)}$/day
Volatilization Factor	VF	Chem Specific	m^3/day
Particulate Emissions Factor	PEF	1240000000	m^3/day

SCTL = $\dfrac{1}{\text{(1/Ingestion Component) + (1/Dermal Component) + (1/Inhalation Component)}}$

Cancer

Ingestion Component $\dfrac{\text{(TR xBW x ATc x RBA)}}{\text{(EF x ED x FC x (CSFo x IRo x 1E-6))}}$

Dermal Component $\dfrac{\text{(TR x BW x ATc x RBA)}}{\text{(EF x ED x FC x (CSFd x SA x AF x DA x 1E-6))}}$

Inhalation Component $\dfrac{\text{(TR x BW x ATc x RBA)}}{\text{(EFx ED x FC x (CSFi x SA x AF x DA x 1E-6))}}$

Non-Cancer

Ingestion Component $\dfrac{\text{(THI x BW x ATnc x RBA)}}{\text{(EF x ED x FC x (IRo x 1E-6 x (1/RfDo)))}}$

Dermal Component $\dfrac{\text{(THI x BW x ATnc x RBA)}}{\text{(EF x ED x FC x (SA x AF x DA x 1E-6 x (1/RfDd)))}}$

Inhalation Component $\dfrac{\text{(THI x BW x ATnc x RBA)}}{\text{(EF x ED x FC x (IRi x (1/RfDi) x ((1/PEF)+(1/VF))))}}$

Note:
CSFo = Oral Slope Factor
CSFd = Cancer Slope Factor Dermal
CSFi = Cancer Slope Factor Inhalation
RfDo = Oral Reference Dose
RfDd = Dermal Reference Dose
RfDi = Inhalation Reference Dose

The results of estimated recreational SCTLs are included in Tables B4 onwards.

TABLE B-2
Recreational SCTL Calculation - Non-Cancer SCTL

Chemical	RfDo	RfDd	RfDi	VF (mg/m^3)	Ingestion Component	Dermal Component	Inhalation Component	SCTL (mg/kg)
Lead	--	--	--	NA	--	--	--	--
PCBS (1260)	2.0E-05	2.0E-05	2.0E-05	5.0E+05	1.1E+01	3.1E+02	5.8E+01	9.0E+00
BEQ	--	--	--	1.3E+07	--	--	--	--

Note:
RfDo = Oral Reference Dose
RfDd = Dermal Reference Dose
RfDi = Inhalation Reference Dose
VF = Volatilization Factor (Child)
SCTL = Soil Cleanup Target Level

TABLE B-3
Recreational SCTL Calculation - Cancer SCTL

Chemical	CSFo	CSFd	CSFi	VF (mg/m^3)	Ingestion Component	Dermal Component	Inhalation Component	SCTL (mg/kg)
Lead	NA	NA	NA	NA	NA	NA	NA	400*
PCBS (1260)	2.0E+00	2.0E+00	3.5E-01	5.0E+05	1.4E+00	3.9E+01	4.1E+01	1.29
BEQ	7.3E+00	1.5E+01	3.1E+00	1.3E+07	3.8E-01	5.3E+00	1.2E+02	0.35

Note:
CSFo = Oral Slope Factor
CSFd = Cancer Slope Factor Dermal
CSFi = Cancer Slope Factor Inhalation
VF = Volatilization Factor (Child)
SCTL = Soil Cleanup Target Level
* - Lead SCTL is based on the residential SCTL from the CH62-780 SCTL table.

TABLE B-4
Exposure Unit 1 (0 - 0.5 ft bls)

											Residual Concentration Remaining				
Location	**Depth**	**Field ID**	**Activity**	**Sample Date**	**BEQ**	**Qualifier**	**PCB-1260 (AROCHLOR 1260) Final Result**	**Qualifier**	**Units**	**BEQ Exceeds 3x SCTL**	**PCBs Exceeds 3X SCTL**	**BEQ**	**Qualifier**	**PCB-1260 (AROCHLOR 1260) Final Result**	**Qualifier**	**Remove**
Road-1	0-0.5	HFSB-Road-1-000_5	Dec-10	12/16/2010	3.0261		0.33	B	mg/kg	X		0.0025	U	0.024	U	X
C2N	0-0.5	C2N000.5	ParcelK-SoilSampling2010	7/8/2010	1.76	=	29	=	mg/kg	X	X	0.0025	U	0.024	U	X
C2S	0-0.5	C2S000.5	ParcelK-SoilSampling2010	7/8/2010	1.1	=	24	=	mg/kg	X	X	0.0025	U	0.024	U	X
C3W	0-0.5	C3W000.5	ParcelK-SoilSampling2010	7/8/2010	2.62	=	23	=	mg/kg	X	X	0.0025	U	0.024	U	X
D2W	0-0.5	D2W000.5	ParcelK-SoilSampling2010	7/8/2010	0.11	=	62	=	mg/kg		X	0.0025	U	0.024	U	X
D4N	0-0.5	D4N000.5	ParcelK-SoilSampling2010	7/8/2010	1.18	=	3.8	=	mg/kg	X		0.0025	U	0.024	U	X
A2	0-0.5	HFSB-A2-000.5	ParcelK-SoilInvestigation2009	11/5/2009	9.62	=	0.32	J	mg/kg	X		0.0025	U	0.024	U	X
B1	0-0.5	HFSB-B1-000.5	ParcelK-SoilInvestigation2009	11/5/2009	18.5	=	12	=	mg/kg	X	X	0.0025	U	0.024	U	X
B2	0-0.5	HFSB-B2-000.5	ParcelK-SoilInvestigation2009	11/5/2009	5.18	=	1.3	J	mg/kg	X		0.0025	U	0.024	U	X
C2	0-0.5	HFSB-C2-000.5	ParcelK-SoilInvestigation2009	11/5/2009	7.01	=	41	=	mg/kg	X	X	0.0025	U	0.024	U	X
C3	0-0.5	HFSB-C3-000.5	ParcelK-SoilInvestigation2009	11/5/2009	3.46	=	15	=	mg/kg	X	X	0.0025	U	0.024	U	X
C4	0-0.5	HFSB-C4-000.5	ParcelK-SoilInvestigation2009	11/5/2009	2.76	=	24	=	mg/kg	X	X	0.0025	U	0.024	U	X
D1	0-0.5	HFSB-D1-000.5	ParcelK-SoilInvestigation2009	11/5/2009	0.77	=	15	=	mg/kg		X	0.0025	U	0.024	U	X
D3	0-0.5	HFSB-D3-000.5	ParcelK-SoilInvestigation2009	11/5/2009	18.6	=	170	=	mg/kg	X	X	0.0025	U	0.024	U	X
D4	0-0.5	HFSB-D4-000.5	ParcelK-SoilInvestigation2009	11/5/2009	1.76	=	16	=	mg/kg	X	X	0.0025	U	0.024	U	X
HFSB-06	0-0.5	HFSB-06-000.5	ParcelK-Soil Sampling April 2009	4/1/2009	1.1	=	2.8	=	mg/kg	X		0.0025	U	0.024	U	X
HFSB-07	0-0.5	HFSB-07-000.5	ParcelK-Soil Sampling April 2009	4/1/2009	1.69	=	77	=	mg/kg	X	X	0.0025	U	0.024	U	X
HFSB-09	0-0.5	HFSB-09-000.5	ParcelK-Soil Sampling April 2009	4/1/2009	15.08	=	0.006	U	mg/kg	X		0.0025	U	0.024	U	X
SB09A	0-0.5	HFSB09A-0.0-0.5ft	ParcelK-SoilSampling2009	7/23/2009	24.8	=	--	--	mg/kg	X		0.0025	U	--	--	X
SB09E	0-0.5	HFSB09E-0.0-0.5ft	ParcelK-SoilSampling2009	7/23/2009	15.4	=	--	--	mg/kg	X		0.0025	U	--	--	X
SB09N	0-0.5	HFSB09N-0.0-0.5ft	ParcelK-SoilSampling2009	7/23/2009	40.6	=	--	--	mg/kg	X		0.0025	U	--	--	X
SB09S	0-0.5	HFSB09S-0.0-0.5ft	ParcelK-SoilSampling2009	7/23/2009	12.3	=	--	--	mg/kg	X		0.0025	U	--	--	X
SB09W	0-0.5	HFSB09W-0.0-0.5ft	ParcelK-SoilSampling2009	7/23/2009	22	=	--	--	mg/kg	X		0.0025	U	--	--	X
SB07A	0-0.5	HFSB07A-0.0-0.5ft	ParcelK-SoilSampling2009	7/23/2009	--	--	52	=	mg/kg		X	--	--	0.024	U	X
SB07E	0-0.5	HFSB07E-0.0-0.5ft	ParcelK-SoilSampling2009	7/23/2009	--	--	98	=	mg/kg		X	--	--	0.024	U	X
SB07N	0-0.5	HFSB07N-0.0-0.5ft	ParcelK-SoilSampling2009	7/23/2009	--	--	68	=	mg/kg		X	--	--	0.024	U	X
SB07S	0-0.5	HFSB07S-0.0-0.5ft	ParcelK-SoilSampling2009	7/23/2009	--	--	100	=	mg/kg		X	--	--	0.024	U	X
SB07W	0-0.5	HFSB07W-0.0-0.5ft	ParcelK-SoilSampling2009	7/23/2009	--	--	15	=	mg/kg		X	--	--	0.024	U	X
Road-2	0-0.5	HFSB-Road-2-000_5	Dec-10	12/16/2010	0.52426		2	B	mg/kg			0.52426		2	B	
B1N	0-0.5	B1N000.5	ParcelK-SoilSampling2010	7/8/2010	0.31	=	0.19	=	mg/kg			0.31	=	0.19	=	
B1S	0-0.5	B1S000.5	ParcelK-SoilSampling2010	7/8/2010	0.56	=	0.5	=	mg/kg			0.56	=	0.5	=	
B2N	0-0.5	B2N000.5	ParcelK-SoilSampling2010	8/6/2010	0.33	=	0.48	=	mg/kg			0.33	=	0.48	=	
D1W	0-0.5	D1W000.5	ParcelK-SoilSampling2010	7/8/2010	0.08	=	2.3	=	mg/kg			0.08	=	2.3	=	
1C2	0-0.5	1C2000.5	ParcelK-SoilSampling2010	7/8/2010	0.17	=	0.33	=	mg/kg			0.17	=	0.33	=	
B3	0-0.5	HFSB-B3-000.5	ParcelK-SoilInvestigation2009	11/5/2009	0.16	=	0.11	=	mg/kg			0.16	=	0.11	=	
C1	0-0.5	HFSB-C1-000.5	ParcelK-SoilInvestigation2009	11/5/2009	0.12	=	1.4	=	mg/kg			0.12	=	1.4	=	
D2	0-0.5	BACKFILL	DRMO-Backfill data	1/16/2007	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
D3	0-0.5	BACKFILL	DRMO-Backfill data	1/16/2007	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
E1	0-0.5	BACKFILL	DRMO-Backfill data	1/16/2007	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
E2	0-0.5	BACKFILL	DRMO-Backfill data	1/16/2007	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
E3	0-0.5	BACKFILL	DRMO-Backfill data	1/16/2007	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
E7	0-0.5	BACKFILL	DRMO-Backfill data	1/16/2007	0.0025	U	0.024	U	mg/kg			0.0025	U	0.024	U	
D6	0-0.5	45-D6(0-0.5)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	--	--	0.34	=	mg/kg			--	--	0.34	=	
D7	0-0.5	45-D7(0-0.5)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	--	--	0.36	U	mg/kg			--	--	0.36	U	
D8	0-0.5	45-D8(0-0.5)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	--	--	0.069	J	mg/kg			--	--	0.069	J	
E4	0-0.5	45-E4(0-0.5)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	--	--	0.34	U	mg/kg			--	--	0.34	U	
E6	0-0.5	45-E6(0-0.5)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	--	--	0.39	=	mg/kg			--	--	0.39	=	
E9	0-0.5	45-E9(0-0.5)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	--	--	0.34	U	mg/kg			--	--	0.34	U	
L3	0-0.5	45-L3-(0-0.5)-090606	DRMO-2006-Data	9/6/2006	--	--	0.1	J	mg/kg			--	--	0.1	J	
L7	0-0.5	45-L7(0-0.5)-090706	DRMO-2006-Data	9/7/2006	--	--	0.33	U	mg/kg			--	--	0.33	U	
M1	0-0.5	45-M1(0-0.5)-090706	DRMO-2006-Data	9/7/2006	--	--	0.33	U	mg/kg			--	--	0.33	U	
M3	0-0.5	45-M3(0-0.5)-090706	DRMO-2006-Data	9/7/2006	--	--	0.33	U	mg/kg			--	--	0.33	U	
M5	0-0.5	45-M5(0-0.5)-090706	DRMO-2006-Data	9/7/2006	--	--	0.34	U	mg/kg			--	--	0.34	U	
M7	0-0.5	45-M7(0-0.5)-090706	DRMO-2006-Data	9/7/2006	--	--	0.14	J	mg/kg			--	--	0.14	J	
M9	0-0.5	45-M9(0-0.5)-090706	DRMO-2006-Data	9/7/2006	--	--	0.34	U	mg/kg			--	--	0.34	U	
N1	0-0.5	45-N1(0-0.5)-090706	DRMO-2006-Data	9/7/2006	--	--	0.32	U	mg/kg			--	--	0.32	U	
N3	0-0.5	45-N3(0-0.5)-090706	DRMO-2006-Data	9/7/2006	--	--	0.2	J	mg/kg			--	--	0.2	J	
N5	0-0.5	45-N5(0-0.5)-090706	DRMO-2006-Data	9/7/2006	--	--	0.075	J	mg/kg			--	--	0.075	J	
N7	0-0.5	45-N7(0-0.5)-090706	DRMO-2006-Data	9/7/2006	--	--	0.33	U	mg/kg			--	--	0.33	U	
N9	0-0.5	45-N9(0-0.5)-090706	DRMO-2006-Data	9/7/2006	--	--	0.095	J	mg/kg			--	--	0.095	J	
SW-E1	0-0.5	45-SW-E1	Nov. sampling	11/12/2007	--	--	0.039	=	mg/kg			--	--	0.039	=	
T6	0-0.5	45-T6(0-0.5)-060912	DRMO Truman Annex PCB and Lead Sampling	9/12/2006	--	--	0.33	U	mg/kg			--	--	0.33	U	
U1	0-0.5	45-U1(0-0.5)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	--	--	0.32	U	mg/kg			--	--	0.32	U	
U3	0-0.5	45-U3(0-0.5)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	--	--	0.33	U	mg/kg			--	--	0.33	U	
U4	0-0.5	45-U4(0-0.5)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	--	--	0.33	U	mg/kg			--	--	0.33	U	
U6	0-0.5	45-U6(0-0.5)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	--	--	0.32	U	mg/kg			--	--	0.32	U	
U7	0-0.5	45-U7(0-0.5)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	--	--	0.32	U	mg/kg			--	--	0.32	U	
C1	0-0.5	45-C1(0-0.5)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	--	--	0.32	U	mg/kg			--	--	0.32	U	
C3	0-0.5	45-C3(0-0.5)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	--	--	0.33	U	mg/kg			--	--	0.33	U	
C5	0-0.5	45-C5(0-0.5)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	--	--	0.25	J	mg/kg			--	--	0.25	J	
C6	0-0.5	45-C6(0-0.5)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	--	--	0.16	J	mg/kg			--	--	0.16	J	
C7	0-0.5	45-C7(0-0.5)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	--	--	0.35	=	mg/kg			--	--	0.35	=	
C9	0-0.5	45-C9(0-0.5)-060913	DRMO Truman Annex PCB and Lead Sampling	9/13/2006	--	--	0.34	U	mg/kg			--	--	0.34	U	
D10	0-0.5	45-D10(0-0.5)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	--	--	0.34	U	mg/kg			--	--	0.34	U	
D4	0-0.5	45-D4(0-0.5)-091406	DRMO Truman Annex PCB and Lead Sampling	9/14/2006	--	--	0.22	J	mg/kg			--	--	0.22	J	

Chemical	UCL	SL	Ratio
BEQ	0.16441	0.35	0.47
PCB	0.44776	1.29	0.35
		Sum:	0.82

TABLE B-5
PAH UCL Calculation - Exposure Unit 1 (0 - 0.5 ft bls)

FDEP UCL Calculator Version 1.0 2/5/14

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	37
Number of Censored Data	29
Minimum	0.08
Maximum	0.56
Mean	0.062885
Median	0.0025
Standard Deviation	0.141677
Variance	
Coefficient of Variation	2.252947
Skewness	2.593448

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.164411
Bounding (1/2 DL)	0.163739

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.164

TABLE B-6
PCB UCL Calculation - Exposure Unit 1 (0 - 0.5 ft bls)

FDEP UCL Calculator Version 1.0 2/5/14

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	70
Number of Censored Data	49
Minimum	0.33
Maximum	2.3
Mean	0.243914
Median	0.125
Standard Deviation	0.391268
Variance	
Coefficient of Variation	1.60412
Skewness	3.826886

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.44776
Bounding (1/2 DL)	0.394682

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.45

TABLE B-7
Exposure Unit 2 (0 - 0.5 ft bls)

Residual Concentration Remaining

Location	Depth	Field ID	Activity	Sample Date	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Units	PCB-1260 (AROCHLOR 1260) Exceeds 3x SCTL	BEQ Exceeds 3x SCTL	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Remove
Road-3	0-0.5	HFSB-Road-3-000_5	Dec-10	12/16/2010	4	B	0.096726	=	mg/kg	X		0.024	U	0.0025	U	X
Road-4	0-0.5	HFSB-Road-4-000_5	Dec-10	12/16/2010	8.5	B	0.091888	=	mg/kg	X		0.024	U	0.0025	U	X
3E4	0-0.5	3E4000.05	ParcelK-SoilSampling2010	08-Jul-10	9.2	=	1.04	=	mg/kg	X		0.024	U	0.0025	U	X
E1E	0-0.5	E1E000.5	ParcelK-SoilSampling2010	08-Jul-10	27	=	0.11	=	mg/kg	X		0.024	U	0.0025	U	X
E2E	0-0.5	E2E000.5	ParcelK-SoilSampling2010	08-Jul-10	110	=	1.55	=	mg/kg	X	X	0.024	U	0.0025	U	X
E4W	0-0.5	E4W000.5	ParcelK-SoilSampling2010	08-Jul-10	3.6	=	0.3	=	mg/kg			0.024	U	0.0025	U	X
E5E	0-0.5	E5E000.5	ParcelK-SoilSampling2010	08-Jul-10	2.4	=	1.13	=	mg/kg		X	0.024	U	0.0025	U	X
E5W	0-0.5	E5W000.5	ParcelK-SoilSampling2010	08-Jul-10	3.5	=	0.4	=	mg/kg			0.024	U	0.0025	U	X
F5N	0-0.5	F5N000.5	ParcelK-SoilSampling2010	06-Aug-10			1.32	=	mg/kg		X	0.024	U	0.0025	U	X
1F2	0-0.5	1F2000.5	ParcelK-SoilSampling2010	08-Jul-10	4	=	0.14	=	mg/kg	X		0.024	U	0.0025	U	X
E1	0-0.5	HFSB-E1-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	370	=	0.64	=	mg/kg	X		0.024	U	0.0025	U	X
E2	0-0.5	HFSB-E2-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	80	J	0.8	=	mg/kg	X		0.024	U	0.0025	U	X
E3	0-0.5	HFSB-E3-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	13	=	3.86	=	mg/kg	X	X	0.024	U	0.0025	U	X
E4	0-0.5	HFSB-E4-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	0.49	=	5.67	=	mg/kg		X	0.024	U	0.0025	U	X
E5	0-0.5	HFSB-E5-000.5	ParcelK-SoilInvestigation2009	05-Nov-09	3.2	J	2.76	=	mg/kg		X	0.024	U	0.0025	U	X
F2	0-0.5	HFSB-F2-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	5.5	J	1.39	=	mg/kg	X	X	0.024	U	0.0025	U	X
F3	0-0.5	HFSB-F3-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	7.8	=	2.68	=	mg/kg	X	X	0.024	U	0.0025	U	X
F4	0-0.5	HFSB-F4-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	6.6	JB	0.91	=	mg/kg	X		0.024	U	0.0025	U	X
F5	0-0.5	HFSB-F5-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	2	B	1.04	=	mg/kg			0.024	U	0.0025	U	X
G1	0-0.5	HFSB-G1-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	3.4	J	0.4	=	mg/kg			0.024	U	0.0025	U	X
G3	0-0.5	HFSB-G3-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	1.8	B	9.11	=	mg/kg		X	0.024	U	0.0025	U	X
G4	0-0.5	HFSB-G4-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	3.2	B	1.09	=	mg/kg		X	0.024	U	0.0025	U	X
HFSB-05	0-0.5	HFSB-05-000.5	ParcelK-Soil Sampling April 2009	Apr-09	1.1	=	1.07	=	mg/kg		X	0.024	U	0.0025	U	X
G4N	0-0.5	G4N000.5	ParcelK-SoilSampling2010	09-Jul-10	2.2	=	0.53	=	mg/kg			2.2	=	0.53	=	
E5S	0-0.5	E5S000.5	ParcelK-SoilSampling2010	08-Jul-10			0.62	=	mg/kg					0.62	=	
F2E	0-0.5	F2E000.5	ParcelK-SoilSampling2010	08-Jul-10	1.4	=	0.32	=	mg/kg			1.4	=	0.32	=	
G1W	0-0.5	G1W000.5	ParcelK-SoilSampling2010	06-Aug-10	0.052	=			mg/kg			0.052	=			
G3E	0-0.5	G3E000.5	ParcelK-SoilSampling2010	11-Jul-10	0.61	=	0.27	=	mg/kg			0.61	=	0.27	=	
G5N	0-0.5	G5N000.5	ParcelK-SoilSampling2010	11-Jul-10	0.78	=	0.18	=	mg/kg			0.78	=	0.18	=	
F1	0-0.5	HFSB-F1-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	0.12	=	0.33	=	mg/kg			0.12	=	0.33	=	
G2	0-0.5	HFSB-G2-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	0.87	=	0.13	=	mg/kg			0.87	=	0.13	=	
G5	0-0.5	HFSB-G5-000.5	ParcelK-SoilInvestigation2009	04-Nov-09	0.76	B	0.73	=	mg/kg			0.76	B	0.73	=	
O5	0-0.5	45-O5(0-0.5)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	0.084	J	--	--	mg/kg			0.084	J	--	--	
O9	0-0.5	45-O9(0-0.5)-060908	DRMO Truman Annex PCB and Lead Sampling	8-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
P10	0-0.5	45-P10(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.35	U	--	--	mg/kg			0.35	U	--	--	
P2	0-0.5	45-P2(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.34	U	--	--	mg/kg			0.34	U	--	--	
P7	0-0.5	45-P7(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.35	U	--	--	mg/kg			0.35	U	--	--	
SW-E3	0-0.5	45-SW-E3	Nov. sampling	12-Nov-07	0.09	=	--	--	mg/kg			0.09	=	--	--	
V1	0-0.5	45-V1(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
V10	0-0.5	45-V10(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
V2	0-0.5	45-V2(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
V4	0-0.5	45-V4(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
V6	0-0.5	45-V6(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
V8	0-0.5	45-V8(0-0.5)-060911	DRMO Truman Annex PCB and Lead Sampling	11-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
W1	0-0.5	45-W1(0-0.5)-060908	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
W3	0-0.5	45-W3(0-0.5)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
W5	0-0.5	45-W5(0-0.5)-060908	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
W7	0-0.5	45-W7(0-0.5)-060912	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
W9	0-0.5	45-W9(0-0.5)-060908	DRMO Truman Annex PCB and Lead Sampling	12-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
F1	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
F10	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
F3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
F5	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
F6	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
F8	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
O1	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
O3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
O7	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
P5	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
P8	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	

UCLs and Sums based on Removal of Exceedance Concentrations

Chemical	UCL	SCTL	Ratio
PCBs	0.427	1.29	0.33
BEQ	0.195	0.35	0.56
		Sum	0.89

TABLE B-8
PAH UCL Calculation - Exposure Unit 2 (0 - 0.5 ft bls)

FDEP UCL Calculator Version 1.0 2/5/14

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	42
Number of Censored Data	34
Minimum	0.13
Maximum	0.73
Mean	0.076071
Median	0.0025
Standard Deviation	0.177301
Variance	
Coefficient of Variation	2.33072
Skewness	2.573172

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.195323
Bounding (1/2 DL)	0.1946

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.195

TABLE B-9
PCB UCL Calculation - Exposure Unit 2 (0 - 0.5 ft bls)

FDEP UCL Calculator Version 1.0 2/5/14

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	59
Number of Censored Data	49
Minimum	0.33
Maximum	2.2
Mean	0.216136
Median	0.024
Standard Deviation	0.372748
Variance	
Coefficient of Variation	1.724603
Skewness	3.418515

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.427663
Bounding (1/2 DL)	0.376758

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.4277

TABLE B-10
Exposure Unit 3 (0 - 0.5 ft bgs)

Residual Concentration Remaining

Location	Depth	Field ID	Activity	Sample Date	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Units	PCB-1260 (AROCHLOR 1260) Exceeds 3x SCTL	BEQ Exceeds 3x SCTL	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Remove
Road-5	0-0.5	HFSB-Road-5-000_5	Dec-10	12/16/2010	3.6	B	0.22		mg/kg			0.024	U	0.0025	U	X
Road-6	0-0.5	HFSB-Road-6-000_5	Dec-10	12/16/2010	4.8	B	0.16		mg/kg	X		0.024	U	0.0025	U	X
1H2	0-0.5	1H2000.5	ParcelK-SoilSampling2010	08-Jul-10	0.014	J	0.88	=	mg/kg			0.024	U	0.0025	U	X
1H2E	0-0.5	1H2E000.5	ParcelK-SoilSampling2010	06-Aug-10			1.81	=	mg/kg		X			0.0025	U	X
2I3	0-0.5	2I3000.5	ParcelK-SoilSampling2010	26-Jul-10	0.26	=	1.6	=	mg/kg		X	0.024	U	0.0025	U	X
2J3	0-0.5	2J3000.5	ParcelK-SoilSampling2010	07-Jul-10			3.85	=	mg/kg		X			0.0025	U	X
H1E	0-0.5	H1E000.5	ParcelK-SoilSampling2010	11-Jul-10	3.1	=	0.35	=	mg/kg			0.024	U	0.0025	U	X
H1W	0-0.5	H1W000.5	ParcelK-SoilSampling2010	11-Jul-10	3.4	=	0.33	=	mg/kg			0.024	U	0.0025	U	X
H4N	0-0.5	H4N000.5	ParcelK-SoilSampling2010	11-Jul-10	0.66	=	3.49	=	mg/kg		X	0.024	U	0.0025	U	X
H5E	0-0.5	H5E000.5	ParcelK-SoilSampling2010	09-Jul-10			1.56	=	mg/kg		X			0.0025	U	X
H5N	0-0.5	H5N000.5	ParcelK-SoilSampling2010	09-Jul-10			1.28	=	mg/kg		X			0.0025	U	X
I4NE	0-0.5	I4NE000.5	ParcelK-SoilSampling2010	09-Jul-10			3.56	=	mg/kg		X			0.0025	U	X
I4SE	0-0.5	I4SE000.5	ParcelK-SoilSampling2010	11-Jul-10			6.34	=	mg/kg		X			0.0025	U	X
I5E	0-0.5	I5E000.5	ParcelK-SoilSampling2010	06-Aug-10			7.88	=	mg/kg		X			0.0025	U	X
I5N	0-0.5	I5N000.5	ParcelK-SoilSampling2010	09-Jul-10			6.13	=	mg/kg		X			0.0025	U	X
J5N	0-0.5	J5N000.5	ParcelK-SoilSampling2010	06-Aug-10			1.47	=	mg/kg		X			0.0025	U	X
H1	0-0.5	HFSB-H1-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	5.7	=	1.01	=	mg/kg	X		0.024	U	0.0025	U	X
H4	0-0.5	HFSB-H4-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	1.3	=	2.27	=	mg/kg		X	0.024	U	0.0025	U	X
HFSB-01	0-0.5	HFSB-01-000.5	ParcelK-Soil Sampling April 2009	Apr-09	0.39	=	4.13	=	mg/kg		X	0.024	U	0.0025	U	X
HFSB-02	0-0.5	HFSB-02-000.5	ParcelK-Soil Sampling April 2009	Apr-09	0.0062	U	16.19	=	mg/kg		X	0.024	U	0.0025	U	X
HFSB-03	0-0.5	HFSB-03-000.5	ParcelK-Soil Sampling April 2009	Apr-09	3.7	=	0.33	=	mg/kg			0.024	U	0.0025	U	X
HFSB-04	0-0.5	HFSB-04-000.5	ParcelK-Soil Sampling April 2009	Apr-09	1.7	=	0.93	=	mg/kg			0.024	U	0.0025	U	X
I1	0-0.5	HFSB-I1-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	2.9	=	0.2	=	mg/kg			0.024	U	0.0025	U	X
I2	0-0.5	HFSB-I2-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	2.4	=	1.04	=	mg/kg			0.024	U	0.0025	U	X
I4	0-0.5	HFSB-I4-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.12	B	1.44	=	mg/kg		X	0.024	U	0.0025	U	X
I5	0-0.5	HFSB-I5-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.0088	B	14.9	=	mg/kg		X	0.024	U	0.0025	U	X
J1	0-0.5	HFSB-J1-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	8.3	B	0.29	=	mg/kg	X		0.024	U	0.0025	U	X
J2	0-0.5	HFSB-J2-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.1	B	4.78	=	mg/kg		X	0.024	U	0.0025	U	X
SB02A	0-0.5	HFSB02A-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	22.6	=	mg/kg		X	--	--	0.0025	U	X
SB02E	0-0.5	HFSB02E-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	35.9	=	mg/kg		X	--	--	0.0025	U	X
SB02N	0-0.5	HFSB02N-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	15.3	=	mg/kg		X	--	--	0.0025	U	X
SB02N2	0-0.5	HFSB02N20.0-0.5	ParcelK-SoilSampling2009	24-Jul-09	--	--	0.8	=	mg/kg			--	--	0.0025	U	X
SB02S	0-0.5	HFSB02S-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	6.8	=	mg/kg		X	--	--	0.0025	U	X
SB02W	0-0.5	HFSB02W-0.0-0.5ft	ParcelK-SoilSampling2009	23-Jul-09	--	--	7.9	=	mg/kg		X	--	--	0.0025	U	X
I4SW	0-0.5	I4SW000.5	ParcelK-SoilSampling2010	09-Jul-10			1.09	=	mg/kg		X			1.09	=	
H5	0-0.5	HFSB-H5-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.17	=	1.08	=	mg/kg		X	0.17	=	1.08	=	
ROW-J1	0-0.5	HFSB-ROW-J1-000_5	Dec-10	12/15/2010	0.59	B	1.02		mg/kg			0.59	B	1.02445		
1H2W	0-0.5	1H2W000.5	ParcelK-SoilSampling2010	06-Aug-10			0.09	=	mg/kg					0.09	=	
2J2W	0-0.5	2J2W000.5	ParcelK-SoilSampling2010	07-Jul-10			0.14	=	mg/kg					0.14	=	
H1N	0-0.5	H1N000.5	ParcelK-SoilSampling2010	08-Jul-10	0.029	=	0.02	=	mg/kg			0.029	=	0.02	=	
H1S	0-0.5	H1S000.5	ParcelK-SoilSampling2010	11-Jul-10	1.6	=	0.16	=	mg/kg			1.6	=	0.16	=	
I1E	0-0.5	I1E000.5	ParcelK-SoilSampling2010	07-Jul-10	1.4	=	0.15	=	mg/kg			1.4	=	0.15	=	
I1N	0-0.5	I1N000.5	ParcelK-SoilSampling2010	07-Jul-10	0.26	=	0.12	=	mg/kg			0.26	=	0.12	=	
I1W	0-0.5	I1W000.5	ParcelK-SoilSampling2010	07-Jul-10	1.7	=	0.28	=	mg/kg			1.7	=	0.28	=	
I2E	0-0.5	I2E000.5	ParcelK-SoilSampling2010	11-Jul-10	0.094	=	0.25	=	mg/kg			0.094	=	0.25	=	

TABLE B-10
Exposure Unit 3 (0 - 0.5 ft bgs)

Residual Concentration Remaining

Location	Depth	Field ID	Activity	Sample Date	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Units	PCB-1260 (AROCHLOR 1260) Exceeds 3x SCTL	BEQ Exceeds 3x SCTL	PCB-1260 (AROCHLOR 1260)	Qualifier	BEQ	Qualifier	Remove
I2N	0-0.5	I2N000.5	ParcelK-SoilSampling2010	26-Jul-10	0.21	=	0.13	=	mg/kg			0.21	=	0.13	=	
I2S	0-0.5	I2S000.5	ParcelK-SoilSampling2010	08-Jul-10	0.048	=	0.14	=	mg/kg			0.048	=	0.14	=	
I2W	0-0.5	I2W000.5	ParcelK-SoilSampling2010	26-Jul-10	0.82	=	0.23	=	mg/kg			0.82	=	0.23	=	
J1N	0-0.5	J1N000.5	ParcelK-SoilSampling2010	26-Jul-10	0.43	=	0.06	=	mg/kg			0.43	=	0.06	=	
J2N	0-0.5	J2N000.5	ParcelK-SoilSampling2010	07-Jul-10			0.54	=	mg/kg					0.54	=	
J2S	0-0.5	J2S000.5	ParcelK-SoilSampling2010	07-Jul-10			0.11	=	mg/kg					0.11	=	
J3N	0-0.5	J3N000.5	ParcelK-SoilSampling2010	06-Aug-10			1	=	mg/kg					1	=	
J1E	0-0.5	J1E000.5	ParcelK-SoilSampling2010	07-Jul-10	1.2	=	0.2	=	mg/kg			1.2	=	0.2	=	
J1W	0-0.5	J1W000.5	ParcelK-SoilSampling2010	07-Jul-10	1.1	=	0.14	=	mg/kg			1.1	=	0.14	=	
G4	0-0.5	45-G4(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.11	J	--	--	mg/kg			0.11	J	--	--	
G6	0-0.5	45-G6(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
G8	0-0.5	45-G8(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.25	J	--	--	mg/kg			0.25	J	--	--	
H1	0-0.5	45-H1(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.063	J	--	--	mg/kg			0.063	J	--	--	
H10	0-0.5	45-H10(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
H3	0-0.5	45-H3(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
H4	0-0.5	45-H4(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
H6	0-0.5	45-H6(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
H8	0-0.5	45-H8(0-0.5)-091506	DRMO Truman Annex PCB and Lead Sampling	15-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
I3	0-0.5	HFSB-I3-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.57	=	0.62	=	mg/kg			0.57	=	0.62	=	
J3	0-0.5	HFSB-J3-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.057	JB	0.39	=	mg/kg			0.057	JB	0.39	=	
J4	0-0.5	HFSB-J4-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.014	B	0.33	=	mg/kg			0.014	B	0.33	=	
J5	0-0.5	HFSB-J5-000.5	ParcelK-SoilInvestigation2009	03-Nov-09	0.092	B	0.89	=	mg/kg			0.092	B	0.89	=	
Q1	0-0.5	45-Q1(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.34	U	--	--	mg/kg			0.34	U	--	--	
Q10	0-0.5	45-Q10(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
Q3	0-0.5	45-Q3(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.33	U	--	--	mg/kg			0.33	U	--	--	
Q4	0-0.5	45-Q4(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.34	U	--	--	mg/kg			0.34	U	--	--	
Q6	0-0.5	45-Q6(0-0.5)-091806	DRMO Truman Annex PCB and Lead Sampling	18-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
SW-G2	0-0.5	45-SW-G2	Nov. sampling	12-Nov-07	0.5	=	--	--	mg/kg			0.5	=	--	--	
X6	0-0.5	45-X6(0-0.5)-091906	DRMO Truman Annex PCB and Lead Sampling	19-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
X8	0-0.5	45-X8(0-0.5)-091906	DRMO Truman Annex PCB and Lead Sampling	19-Sep-06	0.1	J	--	--	mg/kg			0.1	J	--	--	
Y10	0-0.5	45-Y10(0-0.5)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
Y11	0-0.5	45-Y11(0-0.5)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
Y2	0-0.5	45-Y2(0-0.5)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	0.32	U	--	--	mg/kg			0.32	U	--	--	
Y5	0-0.5	45-Y5(0-0.5)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	0.31	U	--	--	mg/kg			0.31	U	--	--	
Y7	0-0.5	45-Y7(0-0.5)-092006	DRMO Truman Annex PCB and Lead Sampling	20-Sep-06	0.31	U	--	--	mg/kg			0.31	U	--	--	
G1	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
G10	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
G2	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
Q5	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
Q7	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
Q8	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X1	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X10	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X4	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X5	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
X9	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
Y3	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	
Y8	0-0.5	BACKFILL	DRMO-Backfill data	16-Jan-07	0.024	U	0.0025	U	mg/kg			0.024	U	0.0025	U	

Chemical	UCL	SCTL	Ratio
PCBs	0.358	1.29	0.28
BEQ	0.269	0.35	0.77
		Sum	1.0

TABLE B-11
PAH UCL Calculation - Exposure Unit 3 (0 - 0.5 ft bls)

FDEP UCL Calculator Version 1.0 2/5/14

Summary Statistics for	
Number of Samples	72
Number of Censored Data	48
Minimum	0.00125
Maximum	1.09
Mean	0.128395
Median	0.00125
Standard Deviation	0.274309
Variance	0.075245
Coefficient of Variation	2.136445
Skewness	2.593646

95% UCL (Assuming Normal Data)	
Student's-t	0.182272

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.192134
Modified-t	0.183919

95% Non-parametric UCL	
CLT	0.181574
Jackknife	NA
Standard Bootstrap	0.182625
Bootstrap-t	0.204493
Chebyshev (Mean, Std)	0.269311

Summary Statistics for ln()	
Minimum	-6.68461
Maximum	0.086178
Mean	-4.92781
Standard Deviation	2.568985
Variance	6.599685

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.196327
MLE Standard Deviation	5.318493
MLE Median	0.007242
MLE Coefficient of Variation	27.08992
MVUE Estimate of Mean	0.125426
MVUE Estimate of Std. Dev.	0.818554
MVUE Estimate of SE	0.084994
MVUE Coefficient of Variation	6.526189

UCL Assuming Lognormal Distribution	
95% H-UCL	0.701041
95% Chebyshev (MVUE) UCL	0.495906
99% Chebyshev (MVUE) UCL	0.971106

FDEP Recommended UCL to Use:
0.269

TABLE B-12
PCB UCL Calculation - Exposure Unit 3 (0 - 0.5 ft bls)

FDEP UCL Calculator Version 1.0 2/5/14

Summary Statistics for	
Number of Samples	73
Number of Censored Data	50
Minimum	0.012
Maximum	1.7
Mean	0.199288
Median	0.057
Standard Deviation	0.365954
Variance	0.133922
Coefficient of Variation	1.836309
Skewness	2.837848

95% UCL (Assuming Normal Data)	
Student's-t	0.270658

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.284949
Modified-t	0.273029

95% Non-parametric UCL	
CLT	0.269746
Jackknife	NA
Standard Bootstrap	0.268988
Bootstrap-t	0.291388
Chebyshev (Mean, Std)	0.385991

Summary Statistics for ln()	
Minimum	-4.42285
Maximum	0.530628
Mean	-2.8763
Standard Deviation	1.61259
Variance	2.600447

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.206785
MLE Standard Deviation	0.730212
MLE Median	0.056343
MLE Coefficient of Variation	3.531255
MVUE Estimate of Mean	0.184519
MVUE Estimate of Std. Dev.	0.444804
MVUE Estimate of SE	0.076673
MVUE Coefficient of Variation	2.41061

UCL Assuming Lognormal Distribution	
95% H-UCL	0.361203
95% Chebyshev (MVUE) UCL	0.51873
99% Chebyshev (MVUE) UCL	0.947409

FDEP Recommended UCL to Use:
0.386

TABLE B-13

Exposure Unit 1 (0.5 - 2 ft bls)

											SL	SL	
											1.29	0.35	
Location	**Field ID**	**Combined ID**	Original PCB (mg/kg)	Q	Original BEQ (mg/kg)	Q	Remediation PCB (mg/kg)	Q	Remediation BEQ (mg/kg)	Q	Exceeds 3x PCB SL	Exceeds 3x BEQ SL	Remove Sample
D2W	HFSB-D2W-0.502	D2WHFSB-D2W-0.502	37000	B	--	--	0.024	U	--	--	X		X
HFSB-07	HFSB-07-0.502	HFSB-07HFSB-07-0.502	4.7	=	0.2	=	0.024	U	0.0025	U	X		X
HFSB-09	HFSB-09-0.502	HFSB-09HFSB-09-0.502	0.0059	U	1.48	=	0.024	U	0.0025	U		X	X
HFSB-09E	HFSB-09E-0.502	HFSB-09EHFSB-09E-0.502	--	--	0.20494	=	--	--	0.20494	=			
Road-1	HFSB-Road-1-0_502		0.049	JB	0.044831		0.049	JB	0.044831				
Road-2	HFSB-Road-2-0_502		0.19	B	0.095961		0.19	B	0.095961				
A2	HFSB-A2-0.502	A2HFSB-A2-0.502	0.015	U	0.2	=	0.015	U	0.2	=			
B1	HFSB-B1-0.502	B1HFSB-B1-0.502	0.015	=	0.16	=	0.015	=	0.16	=			
B1W	B1W0.502	B1WB1W0.502	--	--	0.54	=	--	--	0.54	=			
B2	HFSB-B2-0.502	B2HFSB-B2-0.502	0.041	=	0.11	=	0.041	=	0.11	=			
B3	HFSB-B3-0.502	B3HFSB-B3-0.502	0.014	U	0.02	=	0.014	U	0.02	=			
C1	HFSB-C1-0.502	C1HFSB-C1-0.502	0.016	U	0.12	=	0.016	U	0.12	=			
C10	45-C10(0.5-2)-060913	C1045-C10(0.5-2)-060913	0.34	U	--	--	0.34	U	--	--			
C2	HFSB-C2-0.502	C2HFSB-C2-0.502	0.45	=	0.15	=	0.45	=	0.15	=			
C2	45-C2(0.5-2)-060913	C245-C2(0.5-2)-060913	0.35	U	--	--	0.35	U	--	--			
C3	HFSB-C3-0.502	C3HFSB-C3-0.502	0.12	J	0.02	=	0.12	J	0.02	=			
C3	45-C3(0.5-2)-060913	C345-C3(0.5-2)-060913	0.34	U	--	--	0.34	U	--	--			
C4	HFSB-C4-0.502	C4HFSB-C4-0.502	0.14	=	0.04	=	0.14	=	0.04	=			
C4	45-C4(0.5-2)-060913	C445-C4(0.5-2)-060913	0.32	U	--	--	0.32	U	--	--			
C6	45-C6(0.5-2)-060913	C645-C6(0.5-2)-060913	0.33	U	--	--	0.33	U	--	--			
C7	45-C7(0.5-2)-060913	C745-C7(0.5-2)-060913	0.34	U	--	--	0.34	U	--	--			
C8	45-C8(0.5-2)-060913	C845-C8(0.5-2)-060913	0.34	U	--	--	0.34	U	--	--			
C9	45-C9(0.5-2)-060913	C945-C9(0.5-2)-060913	0.34	U	--	--	0.34	U	--	--			
D1	45-D1(0.5-2)-091406	D145-D1(0.5-2)-091406	0.15	J	--	--	0.15	J	--	--			
D1	HFSB-D1-0.502	D1HFSB-D1-0.502	0.015	U	0.03	=	0.015	U	0.03	=			
D10	45-D10(0.5-2)-091406	D1045-D10(0.5-2)-091406	0.084	J	--	--	0.084	J	--	--			
D2	BACKFILL	D2BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
D3	HFSB-D3-0.502	D3HFSB-D3-0.502	0.38	=	0.14	=	0.38	=	0.14	=			
D3	BACKFILL	D3BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
D4	HFSB-D4-0.502	D4HFSB-D4-0.502	0.082	J	0.05	=	0.082	J	0.05	=			
D5	45-D5(0.5-2)-091406	D545-D5(0.5-2)-091406	0.35	U	--	--	0.35	U	--	--			
D6	45-D6(0.5-2)-091406	D645-D6(0.5-2)-091406	0.19	J	--	--	0.19	J	--	--			
D7	45-D7(0.5-2)-091406	D745-D7(0.5-2)-091406	0.33	U	--	--	0.33	U	--	--			
D9	45-D9(0.5-2)-091406	D945-D9(0.5-2)-091406	0.34	U	--	--	0.34	U	--	--			
E1	BACKFILL	E1BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
E10	45-E10(0.5-2)-091406	E1045-E10(0.5-2)-091406	0.34	U	--	--	0.34	U	--	--			
E2	BACKFILL	E2BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
E3	BACKFILL	E3BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
E4	45-E4(0.5-2)-091406	E445-E4(0.5-2)-091406	0.33	U	--	--	0.33	U	--	--			
E5	45-E5(0.5-2)-091406	E545-E5(0.5-2)-091406	0.33	U	--	--	0.33	U	--	--			
E7	BACKFILL	E7BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
E8	45-E8(0.5-2)-091406	E845-E8(0.5-2)-091406	0.34	U	--	--	0.34	U	--	--			
E9	45-E9(0.5-2)-091406	E945-E9(0.5-2)-091406	0.34	U	--	--	0.34	U	--	--			
HFSB-06	HFSB-06-0.502	HFSB-06HFSB-06-0.502	0.17	=	0.22	=	0.17	=	0.22	=			
L10	45-L10(0.5-2)-090706	L1045-L10(0.5-2)-090706	0.33	U	--	--	0.33	U	--	--			

TABLE B-13

Exposure Unit 1 (0.5 - 2 ft bls)

											SL	SL	
											1.29	0.35	
Location	**Field ID**	**Combined ID**	Original PCB (mg/kg)	Q	Original BEQ (mg/kg)	Q	Remediation PCB (mg/kg)	Q	Remediation BEQ (mg/kg)	Q	Exceeds 3x PCB SL	Exceeds 3x BEQ SL	Remove Sample
M10	45-M10(0.5-2)-090706	M1045-M10(0.5-2)-090706	0.32	U	--	--	0.32	U	--	--			
M2	45-M2(0.5-2)-090706	M245-M2(0.5-2)-090706	0.31	U	--	--	0.31	U	--	--			
M4	45-M4(0.5-2)-090706	M445-M4(0.5-2)-090706	0.32	U	--	--	0.32	U	--	--			
M6	45-M6(0.5-2)-090706	M645-M6(0.5-2)-090706	0.34	U	--	--	0.34	U	--	--			
M8	45-M8(0.5-2)-090706	M845-M8(0.5-2)-090706	0.33	U	--	--	0.33	U	--	--			
N10	45-N10(0.5-2)-090706	N1045-N10(0.5-2)-090706	0.33	U	--	--	0.33	U	--	--			
N2	45-N2(0.5-2)-090706	N245-N2(0.5-2)-090706	0.34	U	--	--	0.34	U	--	--			
N4	45-N4(0.5-2)-090706	N445-N4(0.5-2)-090706	0.32	U	--	--	0.32	U	--	--			
N6	45-N6(0.5-2)-090706	N645-N6(0.5-2)-090706	0.34	U	--	--	0.34	U	--	--			
N8	45-N8(0.5-2)-090706	N845-N8(0.5-2)-090706	0.33	U	--	--	0.33	U	--	--			
SB07E	HFSB07E-0.5-2.0ft	SB07EHFSB07E-0.5-2.0ft	0.5	=	--	--	0.5	=	--	--			
SB07N	HFSB07N-0.5-2.0ft	SB07NHFSB07N-0.5-2.0ft	0.49	=	--	--	0.49	=	--	--			
SB07S	HFSB07S-0.5-2.0ft	SB07SHFSB07S-0.5-2.0ft	0.1	=	--	--	0.1	=	--	--			
SB07W	HFSB07W-0.5-2.0ft	SB07WHFSB07W-0.5-2.0ft	1.1	=	--	--	1.1	=	--	--			
SB09A	HFSB09A-0.5-2.0ft	SB09AHFSB09A-0.5-2.0ft	--	--	0.0025	=	--	--	0.0025	=			
SB09N	HFSB09N-0.5-2.0ft	SB09NHFSB09N-0.5-2.0ft	--	--	0.56	=	--	--	0.56	=			
SB09S	HFSB09S-0.5-2.0ft	SB09SHFSB09S-0.5-2.0ft	--	--	0.031	=	--	--	0.031	=			
SB09W	HFSB09W-0.5-2.0ft	SB09WHFSB09W-0.5-2.0ft	--	--	0.038	=	--	--	0.038	=			
T2	45-T2(0.5-2)-060912	T245-T2(0.5-2)-060912	0.33	U	--	--	0.33	U	--	--			
T3	45-T3(0.5-2)-060912	T345-T3(0.5-2)-060912	0.33	U	--	--	0.33	U	--	--			
T7	45-T7(0.5-2)-060912	T745-T7(0.5-2)-060912	0.33	U	--	--	0.33	U	--	--			
U1	45-U1(0.5-2)-060913	U145-U1(0.5-2)-060913	0.32	U	--	--	0.32	U	--	--			
U10	45-U10(0.5-2)-060913	U1045-U10(0.5-2)-060913	0.34	U	--	--	0.34	U	--	--			
U2	45-U2(0.5-2)-060913	U245-U2(0.5-2)-060913	0.33	U	--	--	0.33	U	--	--			
U3	45-U3(0.5-2)-060913	U345-U3(0.5-2)-060913	0.33	U	--	--	0.33	U	--	--			
U5	45-U5(0.5-2)-060913	U545-U5(0.5-2)-060913	0.34	U	--	--	0.34	U	--	--			
U6	45-U6(0.5-2)-060913	U645-U6(0.5-2)-060913	0.33	U	--	--	0.33	U	--	--			
U7	45-U7(0.5-2)-060913	U745-U7(0.5-2)-060913	0.32	U	--	--	0.32	U	--	--			
U9	45-U9(0.5-2)-060913	U945-U9(0.5-2)-060913	0.34	U	--	--	0.34	U	--	--			

Chemical	**FL-UCL After Removal**	**Recreational SCTL**	**Apportioned Ratio Approach**
PCBS (1260)	0.35	1.29	0.27
BEQ	0.22	0.35	0.63
		Sum of Ratios	**0.90**

TABLE B-14
PAH UCL Calculation - Exposure Unit 1 (0.5 - 2 ft bls)

FDEP UCL Calculator Version 1.0 2/5/14

Summary Statistics for	
Number of Samples	28
Number of Censored Data	8
Minimum	0.00125
Maximum	0.56
Mean	0.099544
Median	0.039
Standard Deviation	0.145525
Variance	0.021177
Coefficient of Variation	1.461913
Skewness	2.284658

95% UCL (Assuming Normal Data)	
Student's-t	0.146387

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.157474
Modified-t	0.148366

95% Non-parametric UCL	
CLT	0.144784
Jackknife	NA
Standard Bootstrap	0.143477
Bootstrap-t	0.176309
Chebyshev (Mean, Std)	0.219423

Summary Statistics for ln()	
Minimum	-6.68461
Maximum	-0.57982
Mean	-3.75479
Standard Deviation	2.16922
Variance	4.705517

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.246096
MLE Standard Deviation	2.57586
MLE Median	0.023405
MLE Coefficient of Variation	10.46688
MVUE Estimate of Mean	0.180653
MVUE Estimate of Std. Dev.	0.72158
MVUE Estimate of SE	0.108333
MVUE Coefficient of Variation	3.994286

UCL Assuming Lognormal Distribution	
95% H-UCL	1.439594
95% Chebyshev (MVUE) UCL	0.652865
99% Chebyshev (MVUE) UCL	1.258555

FDEP Recommended UCL to Use:
0.219

TABLE B-15
PCB UCL Calculation - Exposure Unit 1 (0.5 - 2 ft bls)

FDEP UCL Calculator Version 1.0 2/5/14

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	68
Number of Censored Data	51
Minimum	0.34
Maximum	1.1
Mean	0.252603
Median	0.33
Standard Deviation	0.177626
Variance	
Coefficient of Variation	0.703182
Skewness	1.249713

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.346495
Bounding (1/2 DL)	0.239235

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.35

TABLE B-16

Exposure Unit 2 (0.5 - 2 ft bls)

												SL 1.29	**SL** 0.35	
Location	**Field ID**	**Combined ID**	Original PCB (mg/kg)	Q	Original BEQ (mg/kg)	Q	Remediation PCB (mg/kg)	Q	Remediation BEQ (mg/kg)	Q	Exceeds 3x PCB SL	Exceeds 3x BEQ SL	Remove Sample
E2E	HFSB-E2E-0.502	E2EHFSB-E2E-0.502	1.8	B	1.764	=	0.024	U	0.0025	U		X	X
HFSB-05	HFSB-05-0.502	HFSB-05HFSB-05-0.502	1.5	=	1.06	=	0.024	U	0.0025	U		X	X
E4	HFSB-E4-0.502	E4HFSB-E4-0.502	0.36	J	2.34	=	0.024	U	0.0025	U		X	X
E5S	E5S0.502	E5SE5S0.502	--	--	1.26	=	--	--	0.0025	U		X	X
Road-3	HFSB-Road-3-0_502	HFSB-Road-3-0_502	0.098	B	0.055081		0.098	B	0.055081	=			
Road-4	HFSB-Road-4-0_502	HFSB-Road-4-0_502	0.14	JB	0.0147132		0.14	JB	0.0147132	=			
E4W	HFSB-E4W-0.502	E4WHFSB-E4W-0.502	1.4	B	--	--	1.4	B	--	--			
3E4	HFSB-3E4-0.502	3E4HFSB-3E4-0.502	1.2	JB	0.218819	=	1.2	JB	0.218819	=			
F5E	F5E0.502	F5EF5E0.502	0.26	=	0.21	=	0.26	=	0.21	=			
F5N	F5N0.502	F5NF5N0.502	0.16	=	0.31	=	0.16	=	0.31	=			
O2	45-O2(0.5-2)-060908	O245-O2(0.5-2)-060908	0.44	=	--	--	0.44	=	--	--			
O4	45-O4(0.5-2)-060908	O445-O4(0.5-2)-060908	0.36	=	--	--	0.36	=	--	--			
O5	45-O5(0.5-2)-060908	O545-O5(0.5-2)-060908	0.41	=	--	--	0.41	=	--	--			
O6	45-O6(0.5-2)-060908	O645-O6(0.5-2)-060908	0.42	=	--	--	0.42	=	--	--			
O8	45-O8(0.5-2)-060908	O845-O8(0.5-2)-060908	0.38	=	--	--	0.38	=	--	--			
E1	HFSB-E1-0.502	E1HFSB-E1-0.502	0.76	=	0.06	=	0.76	=	0.06	=			
E2	HFSB-E2-0.502	E2HFSB-E2-0.502	0.88	=	0.1	=	0.88	=	0.1	=			
E3	HFSB-E3-0.502	E3HFSB-E3-0.502	0.053	=	0.06	=	0.053	=	0.06	=			
F3	HFSB-F3-0.502	F3HFSB-F3-0.502	0.76	=	0.94	=	0.76	=	0.94	=			
F4	HFSB-F4-0.502	F4HFSB-F4-0.502	0.042	=	0.07	=	0.042	=	0.07	=			
F5	HFSB-F5-0.502	F5HFSB-F5-0.502	0.058	B	0.11	=	0.058	B	0.11	=			
G2	HFSB-G2-0.502	G2HFSB-G2-0.502	0.021	B	0.07	=	0.021	B	0.07	=			
G3	HFSB-G3-0.502	G3HFSB-G3-0.502	0.021	B	0.05	=	0.021	B	0.05	=			
G4	HFSB-G4-0.502	G4HFSB-G4-0.502	0.04	B	0.02	=	0.04	B	0.02	=			
G5	HFSB-G5-0.502	G5HFSB-G5-0.502	0.014	B	0.31	=	0.014	B	0.31	=			
F2	45-F2(0.5-2)-060908	F245-F2(0.5-2)-060908	0.23	J	--	--	0.23	J	--	--			
F4	45-F4(0.5-2)-060908	F445-F4(0.5-2)-060908	0.27	J	--	--	0.27	J	--	--			
F7	45-F7(0.5-2)-060908	F745-F7(0.5-2)-060908	0.076	J	--	--	0.076	J	--	--			
P1	45-P1(0.5-2)-091806	P145-P1(0.5-2)-091806	0.18	J	--	--	0.18	J	--	--			
P4	45-P4(0.5-2)-091806	P445-P4(0.5-2)-091806	0.12	J	--	--	0.12	J	--	--			
F2	HFSB-F2-0.502	F2HFSB-F2-0.502	0.21	J	0.14	=	0.21	J	0.14	=			
G1	HFSB-G1-0.502	G1HFSB-G1-0.502	0.0093	J	0.01	=	0.0093	J	0.01	=			
F9	45-F9(0.5-2)-060908	F945-F9(0.5-2)-060908	0.34	U	--	--	0.34	U	--	--			
O10	45-O10(0.5-2)-060908	O1045-O10(0.5-2)-060908	0.32	U	--	--	0.32	U	--	--			
O9	45-O9(0.5-2)-060908	O945-O9(0.5-2)-060908	0.34	U	--	--	0.34	U	--	--			
P10	45-P10(0.5-2)-091806	P1045-P10(0.5-2)-091806	0.36	U	--	--	0.36	U	--	--			
P2	45-P2(0.5-2)-091806	P245-P2(0.5-2)-091806	0.33	U	--	--	0.33	U	--	--			
P3	45-P3(0.5-2)-091806	P345-P3(0.5-2)-091806	0.35	U	--	--	0.35	U	--	--			
P6	45-P6(0.5-2)-091806	P645-P6(0.5-2)-091806	0.33	U	--	--	0.33	U	--	--			
P7	45-P7(0.5-2)-091806	P745-P7(0.5-2)-091806	0.34	U	--	--	0.34	U	--	--			
P9	45-P9(0.5-2)-091806	P945-P9(0.5-2)-091806	0.35	U	--	--	0.35	U	--	--			
V2	45-V2(0.5-2)-060911	V245-V2(0.5-2)-060911	0.33	U	--	--	0.33	U	--	--			

TABLE B-16

Exposure Unit 2 (0.5 - 2 ft bls)

												SL 1.29	**SL** 0.35	
Location	**Field ID**	**Combined ID**	Original PCB (mg/kg)	Q	Original BEQ (mg/kg)	Q	Remediation PCB (mg/kg)	Q	Remediation BEQ (mg/kg)	Q	Exceeds 3x PCB SL	Exceeds 3x BEQ SL	Remove Sample
V3	45-V3(0.5-2)-060911	V345-V3(0.5-2)-060911	0.34	U	--	--	0.34	U	--	--			
V5	45-V5(0.5-2)-060911	V545-V5(0.5-2)-060911	0.33	U	--	--	0.33	U	--	--			
V7	45-V7(0.5-2)-060911	V745-V7(0.5-2)-060911	0.33	U	--	--	0.33	U	--	--			
V8	45-V8(0.5-2)-060911	V845-V8(0.5-2)-060911	0.33	U	--	--	0.33	U	--	--			
V9	45-V9(0.5-2)-060911	V945-V9(0.5-2)-060911	0.34	U	--	--	0.34	U	--	--			
W1	45-W1(0.5-2)-060912	W145-W1(0.5-2)-060912	0.33	U	--	--	0.33	U	--	--			
W10	45-W10(0.5-2)-060912	W1045-W10(0.5-2)-060912	0.33	U	--	--	0.33	U	--	--			
W2	45-W2(0.5-2)-060912	W245-W2(0.5-2)-060912	0.32	U	--	--	0.32	U	--	--			
W4	45-W4(0.5-2)-060912	W445-W4(0.5-2)-060912	0.33	U	--	--	0.33	U	--	--			
W5	45-W5(0.5-2)-060912	W545-W5(0.5-2)-060912	0.34	U	--	--	0.34	U	--	--			
W6	45-W6(0.5-2)-060912	W645-W6(0.5-2)-060912	0.33	U	--	--	0.33	U	--	--			
W8	45-W8(0.5-2)-060912	W845-W8(0.5-2)-060912	0.33	U	--	--	0.33	U	--	--			
W9	45-W9(0.5-2)-060912	W945-W9(0.5-2)-060912	0.33	U	--	--	0.33	U	--	--			
F1	BACKFILL	F1BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
F10	BACKFILL	F10BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
F3	BACKFILL	F3BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
F5	BACKFILL	F5BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
F6	BACKFILL	F6BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
F8	BACKFILL	F8BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
O1	BACKFILL	O1BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
O3	BACKFILL	O3BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
O7	BACKFILL	O7BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
P5	BACKFILL	P5BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
P8	BACKFILL	P8BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
E5	HFSB-E5-0.502	E5HFSB-E5-0.502	0.015	U	0.04	=	0.015	U	0.04	=			
F1	HFSB-F1-0.502	F1HFSB-F1-0.502	0.024	U	0.02	=	0.024	U	0.02	=			
E4E	E4E0.502	E4EE4E0.502	--	--	0.23	=	--	--	0.23	=			
E4N	E4N0.502	E4NE4N0.502	--	--	0.15	=	--	--	0.15	=			
E4S	E4S0.502	E4SE4S0.502	--	--	0.21	=	--	--	0.21	=			
E5E	E5E0.502	E5EE5E0.502	--	--	0.24	=	--	--	0.24	=			

Chemical	**FL-UCL After Removal**	**Recreational SCTL**	**Apportioned Ratio Approach**
PCBS (1260)	0.34	1.29	0.26
BEQ	0.22	0.35	0.62
		Sum of Ratios	**0.88**

TABLE B-17
PAH UCL Calculation - Exposure Unit 2 (0.5 - 2 ft bls)

FDEP UCL Calculator Version 1.0 2/5/14

Summary Statistics for	
Number of Samples	38
Number of Censored Data	15
Minimum	0.00125
Maximum	0.94
Mean	0.096246
Median	0.03
Standard Deviation	0.169247
Variance	0.028645
Coefficient of Variation	1.758476
Skewness	3.620215

95% UCL (Assuming Normal Data)	
Student's-t	0.142566

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.158642
Modified-t	0.145254

95% Non-parametric UCL	
CLT	0.141411
Jackknife	NA
Standard Bootstrap	0.134842
Bootstrap-t	0.203986
Chebyshev (Mean, Std)	0.215925

Summary Statistics for ln()	
Minimum	-6.68461
Maximum	-0.06188
Mean	-4.08661
Standard Deviation	2.294158
Variance	5.263162

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.233393
MLE Standard Deviation	3.234759
MLE Median	0.016796
MLE Coefficient of Variation	13.85969
MVUE Estimate of Mean	0.168269
MVUE Estimate of Std. Dev.	0.816019
MVUE Estimate of SE	0.10319
MVUE Coefficient of Variation	4.849485

UCL Assuming Lognormal Distribution	
95% H-UCL	1.125094
95% Chebyshev (MVUE) UCL	0.618066
99% Chebyshev (MVUE) UCL	1.195003

FDEP Recommended UCL to Use:
0.216

TABLE B-18
PCB UCL Calculation - Exposure Unit 2 (0.5 - 2 ft bls)

FDEP UCL Calculator Version 1.0 2/5/14

Summary Statistics for	
Number of Samples	67
Number of Censored Data	39
Minimum	0.0075
Maximum	1.4
Mean	0.194773
Median	0.165
Standard Deviation	0.264079
Variance	0.069738
Coefficient of Variation	1.35583
Skewness	2.8492

95% UCL (Assuming Normal Data)	
Student's-t	0.248596

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.259846
Modified-t	0.250467

95% Non-parametric UCL	
CLT	0.247845
Jackknife	NA
Standard Bootstrap	0.246178
Bootstrap-t	0.278286
Chebyshev (Mean, Std)	0.335405

Summary Statistics for ln()	
Minimum	-4.89285
Maximum	0.336472
Mean	-2.44999
Standard Deviation	1.431071
Variance	2.047963

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.240267
MLE Standard Deviation	0.624329
MLE Median	0.086295
MLE Coefficient of Variation	2.59848
MVUE Estimate of Mean	0.224557
MVUE Estimate of Std. Dev.	0.460129
MVUE Estimate of SE	0.075193
MVUE Coefficient of Variation	2.049056

UCL Assuming Lognormal Distribution	
95% H-UCL	0.389551
95% Chebyshev (MVUE) UCL	0.552314
99% Chebyshev (MVUE) UCL	0.972715

FDEP Recommended UCL to Use:
0.335

TABLE B-19

Exposure Unit 3 (0.5 - 2 ft bls)

											SL	SL	
											1.29	0.35	
Location	**Field ID**	**Combined ID**	**Original PCB (mg/kg)**	**Q**	**Original BEQ (mg/kg)**	**Q**	**Remediation PCB (mg/kg)**	**Q**	**Remediation BEQ (mg/kg)**	**Q**	**Exceeds 3x PCB SL**	**Exceeds 3x BEQ SL**	**Remove Sample**
2I3	HFSB-2I3-0.502	2I3HFSB-2I3-0.502	--	--	1.59114	=	--	--	0.0025	U		X	X
2J3	HFSB-2J3-0.502	2J3HFSB-2J3-0.502	--	--	4.9389	=	--	--	0.0025	U		X	X
I4SE	HFSB-I4SE-0.502	I4SEHFSB-I4SE-0.502	--	--	4.7972	=	--	--	0.0025	U		X	X
HFSB-01	HFSB-01-0.502	HFSB-01HFSB-01-0.502	--	--	1.22	=	--	--	0.0025	U		X	X
HFSB-02	HFSB-02-0.502	HFSB-02HFSB-02-0.502	--	--	1.24	=	--	--	0.0025	U		X	X
HFSB-03	HFSB-03-0.502	HFSB-03HFSB-03-0.502	--	--	1.12	=	--	--	0.0025	U		X	X
SB02N	HFSB02N-0.5-2.0ft	SB02NHFSB02N-0.5-2.0ft	--	--	12.86	=	--	--	0.0025	U		X	X
I4NE	I4NE0.502	I4NEI4NE0.502	--	--	1.23	=	--	--	0.0025	U		X	X
SB02S	HFSB02S-0.5-2.0ft	SB02SHFSB02S-0.5-2.0ft	--	--	0.024061	=	--	--	0.024061	=			
Road-5	HFSB-Road-5-0_502	HFSB-Road-5-0_502	0.14		0.105623		0.14		0.105623				
Road-6	HFSB-Road-6-0_502	HFSB-Road-6-0_502	0.21	B	0.166209		0.21	B	0.166209				
ROW-J1	HFSB-ROW-J1-0_502	HFSB-ROW-J1-0_502	0.18	B	0.25686		0.18	B	0.25686				
H1E	HFSB-H1E-0.502	H1EHFSB-H1E-0.502	0.52	B	--	--	0.52	B	--	--			
G3	45-G3(0.5-2)-091506	G345-G3(0.5-2)-091506	0.071	J	--	--	0.071	J	--	--			
G4	45-G4(0.5-2)-091506	G445-G4(0.5-2)-091506	0.082	J	--	--	0.082	J	--	--			
G5	45-G5(0.5-2)-091506	G545-G5(0.5-2)-091506	0.34	U	--	--	0.34	U	--	--			
G6	45-G6(0.5-2)-091506	G645-G6(0.5-2)-091506	0.33	U	--	--	0.33	U	--	--			
G7	45-G7(0.5-2)-091506	G745-G7(0.5-2)-091506	0.34	U	--	--	0.34	U	--	--			
G9	45-G9(0.5-2)-091506	G945-G9(0.5-2)-091506	0.069	J	--	--	0.069	J	--	--			
H10	45-H10(0.5-2)-091506	H1045-H10(0.5-2)-091506	0.32	U	--	--	0.32	U	--	--			
H2	45-H2(0.5-2)-091506	H245-H2(0.5-2)-091506	0.32	U	--	--	0.32	U	--	--			
H3	45-H3(0.5-2)-091506	H345-H3(0.5-2)-091506	0.33	U	--	--	0.33	U	--	--			
H4	45-H4(0.5-2)-091506	H445-H4(0.5-2)-091506	0.32	U	--	--	0.32	U	--	--			
H5	45-H5(0.5-2)-091506	H545-H5(0.5-2)-091506	0.32	U	--	--	0.32	U	--	--			
H7	45-H7(0.5-2)-091506	H745-H7(0.5-2)-091506	0.34	U	--	--	0.34	U	--	--			
H9	45-H9(0.5-2)-091506	H945-H9(0.5-2)-091506	0.32	U	--	--	0.32	U	--	--			
Q10	45-Q10(0.5-2)-091806	Q1045-Q10(0.5-2)-091806	0.32	U	--	--	0.32	U	--	--			
Q2	45-Q2(0.5-2)-091806	Q245-Q2(0.5-2)-091806	0.32	U	--	--	0.32	U	--	--			
Q3	45-Q3(0.5-2)-091806	Q345-Q3(0.5-2)-091806	0.34	U	--	--	0.34	U	--	--			
Q4	45-Q4(0.5-2)-091806	Q445-Q4(0.5-2)-091806	0.34	U	--	--	0.34	U	--	--			
Q9	45-Q9(0.5-2)-091806	Q945-Q9(0.5-2)-091806	0.32	U	--	--	0.32	U	--	--			
X2	45-X2(0.5-2)-091906	X245-X2(0.5-2)-091906	0.34	U	--	--	0.34	U	--	--			
X7	45-X7(0.5-2)-091906	X745-X7(0.5-2)-091906	0.13	J	--	--	0.13	J	--	--			
Y1	45-Y1(0.5-2)-092006	Y145-Y1(0.5-2)-092006	0.31	U	--	--	0.31	U	--	--			
Y10	45-Y10(0.5-2)-092006	Y1045-Y10(0.5-2)-092006	0.059	J	--	--	0.059	J	--	--			
Y11	45-Y11(0.5-2)-092006	Y1145-Y11(0.5-2)-092006	0.43	=	--	--	0.43	=	--	--			
Y12	45-Y12(0.5-2)-092006	Y1245-Y12(0.5-2)-092006	0.31	U	--	--	0.31	U	--	--			
Y2	45-Y2(0.5-2)-092006	Y245-Y2(0.5-2)-092006	0.32	U	--	--	0.32	U	--	--			
Y4	45-Y4(0.5-2)-092006	Y445-Y4(0.5-2)-092006	0.32	U	--	--	0.32	U	--	--			
Y5	45-Y5(0.5-2)-092006	Y545-Y5(0.5-2)-092006	0.32	U	--	--	0.32	U	--	--			
Y6	45-Y6(0.5-2)-092006	Y645-Y6(0.5-2)-092006	0.32	U	--	--	0.32	U	--	--			
Y7	45-Y7(0.5-2)-092006	Y745-Y7(0.5-2)-092006	0.082	J	--	--	0.082	J	--	--			
Y9	45-Y9(0.5-2)-092006	Y945-Y9(0.5-2)-092006	0.32	U	--	--	0.32	U	--	--			
G1	BACKFILL	G1BACKFILL	0.024	U	--	--	0.024	U	--	--			

TABLE B-19

Exposure Unit 3 (0.5 - 2 ft bls)

											SL	SL	
											1.29	0.35	
Location	**Field ID**	**Combined ID**	**Original PCB (mg/kg)**	**Q**	**Original BEQ (mg/kg)**	**Q**	**Remediation PCB (mg/kg)**	**Q**	**Remediation BEQ (mg/kg)**	**Q**	**Exceeds 3x PCB SL**	**Exceeds 3x BEQ SL**	**Remove Sample**
G10	BACKFILL	G10BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
G2	BACKFILL	G2BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
Q5	BACKFILL	Q5BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
Q7	BACKFILL	Q7BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
Q8	BACKFILL	Q8BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
X1	BACKFILL	X1BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
X10	BACKFILL	X10BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
X3	BACKFILL	X3BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
X4	BACKFILL	X4BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
X5	BACKFILL	X5BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
X9	BACKFILL	X9BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
Y3	BACKFILL	Y3BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
Y8	BACKFILL	Y8BACKFILL	0.024	U	0.0025	U	0.024	U	0.0025	U			
H1	HFSB-H1-0.502	H1HFSB-H1-0.502	0.035	=	0.07	=	0.035	=	0.07	=			
H4	HFSB-H4-0.502	H4HFSB-H4-0.502	0.024	U	0.02	=	0.024	U	0.02	=			
H5	HFSB-H5-0.502	H5HFSB-H5-0.502	0.024	U	0.02	=	0.024	U	0.02	=			
I1	HFSB-I1-0.502	I1HFSB-I1-0.502	0.024	U	0.1	=	0.024	U	0.1	=			
I2	HFSB-I2-0.502	I2HFSB-I2-0.502	0.026	U	0.43	=	0.026	U	0.43	=			
I3	HFSB-I3-0.502	I3HFSB-I3-0.502	0.025	U	0.15	=	0.025	U	0.15	=			
I4	HFSB-I4-0.502	I4HFSB-I4-0.502	0.024	U	0.01	=	0.024	U	0.01	=			
I5	HFSB-I5-0.502	I5HFSB-I5-0.502	0.024	U	0.34	=	0.024	U	0.34	=			
J1	HFSB-J1-0.502	J1HFSB-J1-0.502	0.069	B	0.13	=	0.069	B	0.13	=			
J2	HFSB-J2-0.502	J2HFSB-J2-0.502	0.01	B	0.43	=	0.01	B	0.43	=			
J3	HFSB-J3-0.502	J3HFSB-J3-0.502	0.014	B	0.04	=	0.014	B	0.04	=			
J4	HFSB-J4-0.502	J4HFSB-J4-0.502	0.024	U	0.03	=	0.024	U	0.03	=			
J5	HFSB-J5-0.502	J5HFSB-J5-0.502	0.025	U	0.02	=	0.025	U	0.02	=			
1H2E	HFSB-1H2E-0.502	1H2EHFSB-1H2E-0.502	--	--	0.044998	=	--	--	0.044998	=			
I4NW	I4NW0.502	I4NWI4NW0.502	--	--	0.12	=	--	--	0.12	=			
I5E	I5E0.502	I5EI5E0.502	--	--	0.17	=	--	--	0.17	=			
I5W	I5W0.502	I5WI5W0.502	--	--	0.02	=	--	--	0.02	=			
HFSB-04	HFSB-04-0.502	HFSB-04HFSB-04-0.502	--	--	0.37	=	--	--	0.37	=			
G1	BACKFILL	G1 BACKFILL	--	--	0.0025	U	--	--	0.0025	U			
SB02A	HFSB02A-0.5-2.0ft	SB02AHFSB02A-0.5-2.0ft	--	--	0.21	=	--	--	0.21	=			
SB02E	HFSB02E-0.5-2.0ft	SB02EHFSB02E-0.5-2.0ft	--	--	0.03	=	--	--	0.03	=			
SB02N2	HFSB02N20.5-2.0	SB02N2HFSB02N20.5-2.0	--	--	0.09	=	--	--	0.09	=			
SB02W	HFSB02W-0.5-2.0ft	SB02WHFSB02W-0.5-2.0ft	--	--	0.02	=	--	--	0.02	=			

Chemical	**FL-UCL After Removal**	**Recreational SCTL**	**Apportioned Ratio Approach**
PCBS (1260)	0.25	1.29	0.19
BEQ	0.15	0.35	0.41
		Sum of Ratios	**0.61**

TABLE B-20
PAH UCL Calculation - Exposure Unit 3 (0.5 - 2 ft bls)

FDEP UCL Calculator Version 1.0 2/5/14

Summary Statistics for	
Number of Samples	48
Number of Censored Data	22
Minimum	0.00125
Maximum	0.43
Mean	0.071776
Median	0.02
Standard Deviation	0.116483
Variance	0.013568
Coefficient of Variation	1.622868
Skewness	1.972705

95% UCL (Assuming Normal Data)	
Student's-t	0.099987

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	0.104549
Modified-t	0.100785

95% Non-parametric UCL	
CLT	0.099433
Jackknife	NA
Standard Bootstrap	0.100855
Bootstrap-t	0.099101
Chebyshev (Mean, Std)	0.145063

Summary Statistics for ln()	
Minimum	-6.68461
Maximum	-0.84397
Mean	-4.4627
Standard Deviation	2.226466
Variance	4.957152

Goodness-of-Fit Results	
Distribution Recommended	Neither
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	0.137501
MLE Standard Deviation	1.633822
MLE Median	0.011531
MLE Coefficient of Variation	11.88227
MVUE Estimate of Mean	0.104992
MVUE Estimate of Std. Dev.	0.507296
MVUE Estimate of SE	0.060529
MVUE Coefficient of Variation	4.831763

UCL Assuming Lognormal Distribution	
95% H-UCL	0.490722
95% Chebyshev (MVUE) UCL	0.368833
99% Chebyshev (MVUE) UCL	0.707252

FDEP Recommended UCL to Use:
0.145

TABLE B-21
PCB UCL Calculation - Exposure Unit 3 (0.5 - 2 ft bls)

FDEP UCL Calculator Version 1.0 2/5/14

Note: Bounding estimates are worst case 95% UCLs based on the Chebyshev (mean, std) method.

Summary Statistics for	
Number of Samples	61
Number of Censored Data	46
Minimum	0.32
Maximum	0.52
Mean	0.16618
Median	0.082
Standard Deviation	0.15083
Variance	
Coefficient of Variation	0.907631
Skewness	0.379963

95% UCL (Assuming Normal Data)	
Student's-t	NA

95% UCL (Adjusted for Skewness)	
Adjusted-CLT	NA
Modified-t	NA

95% Non-parametric UCL	
CLT	NA
Jackknife	NA
Standard Bootstrap	NA
Bootstrap-t	NA
Chebyshev (Mean, Std)	NA

95% Bounding Method UCL	
Bounding (Max)	0.250359
Bounding (1/2 DL)	0.156101

Summary Statistics for	
Minimum	NA
Maximum	NA
Mean	NA
Standard Deviation	NA
Variance	NA

Goodness-of-Fit Results	
Distribution Recommended	NA
Distribution Used	Neither

Estimates Assuming Lognormal Distribution	
MLE Mean	NA
MLE Standard Deviation	NA
MLE Median	NA
MLE Coefficient of Variation	NA
MVUE Estimate of Mean	NA
MVUE Estimate of Std. Dev.	NA
MVUE Estimate of SE	NA
MVUE Coefficient of Variation	NA

UCL Assuming Lognormal Distribution	
95% H-UCL	NA
95% Chebyshev (MVUE) UCL	NA
99% Chebyshev (MVUE) UCL	NA

FDEP Recommended UCL to Use:
0.250

TABLE B-22

3 X SCTL Apportioning Site Sample Residual Concentrations - 0 - 0.5 ft bls

Location	Field ID	Sample Date	PCB (mg/kg)	Qualifier	BEQ (mg/kg)	Qualifier	PCB Ratio (3X SCTL)	BEQ Ratio (3X SCTL)	Combined Ratio
1C2	1C2000.5	7/8/2010	0.33	=	0.17	=	0.09	0.16	0.25
B1N	B1N000.5	7/8/2010	0.19	=	0.31	=	0.05	0.30	0.34
B1S	B1S000.5	7/8/2010	0.5	=	0.56	=	0.13	0.53	0.66
B2N	B2N000.5	8/6/2010	0.48	=	0.33	=	0.12	0.31	0.44
B3	HFSB-B3-000.5	11/5/2009	0.11	=	0.16	=	0.03	0.15	0.18
C1	HFSB-C1-000.5	11/5/2009	1.4	=	0.12	=	0.36	0.11	0.48
D1W	D1W000.5	7/8/2010	2.3	=	0.08	=	0.59	0.08	0.67
F1	HFSB-F1-000.5	11/4/2009	0.12	=	0.33	=	0.03	0.31	0.35
F2E	F2E000.5	7/8/2010	1.4	=	0.32	=	0.36	0.30	0.67
G2	HFSB-G2-000.5	11/4/2009	0.87	=	0.13	=	0.22	0.12	0.35
G3E	G3E000.5	7/11/2010	0.61	=	0.27	=	0.16	0.26	0.41
G4N	G4N000.5	7/9/2010	2.2	=	0.53	=	0.57	0.50	1.07
G5	HFSB-G5-000.5	11/4/2009	0.76	B	0.73	=	0.20	0.70	0.89
G5N	G5N000.5	7/11/2010	0.78	=	0.18	=	0.20	0.17	0.37
H1N	H1N000.5	7/8/2010	0.029	=	0.02	=	0.01	0.02	0.03
H1S	H1S000.5	7/11/2010	1.6	=	0.16	=	0.41	0.15	0.57
H5	HFSB-H5-000.5	11/3/2009	0.17	=	1.08	=	0.04	1.03	1.07
I1E	I1E000.5	7/7/2010	1.4	=	0.15	=	0.36	0.14	0.50
I1N	I1N000.5	7/7/2010	0.26	=	0.12	=	0.07	0.11	0.18
I1W	I1W000.5	7/7/2010	1.7	=	0.28	=	0.44	0.27	0.71
I2E	I2E000.5	7/11/2010	0.094	=	0.25	=	0.02	0.24	0.26
I2N	I2N000.5	7/26/2010	0.21	=	0.13	=	0.05	0.12	0.18
I2S	I2S000.5	7/8/2010	0.048	=	0.14	=	0.01	0.13	0.15
I2W	I2W000.5	7/26/2010	0.82	=	0.23	=	0.21	0.22	0.43
I3	HFSB-I3-000.5	11/3/2009	0.57	=	0.62	=	0.15	0.59	0.74
I4SW	I4SW000.5	09-Jul-10	--	--	1.09	=	--	1.04	1.04
J1E	J1E000.5	7/7/2010	1.2	=	0.2	=	0.31	0.19	0.50
J1N	J1N000.5	7/26/2010	0.43	=	0.06	=	0.11	0.06	0.17
J1W	J1W000.5	7/7/2010	1.1	=	0.14	=	0.28	0.13	0.42
J3	HFSB-J3-000.5	11/3/2009	0.057	JB	0.39	=	0.01	0.37	0.39
J4	HFSB-J4-000.5	11/3/2009	0.014	B	0.33	=	0.00	0.31	0.32
J5	HFSB-J5-000.5	11/3/2009	0.092	B	0.89	=	0.02	0.85	0.87
Road-2	HFSB-Road-2-000_5	12/16/2010	2	B	0.52426	=	0.52	0.50	1.02
ROW-J1	HFSB-ROW-J1-000_5	12/15/2010	0.59	B	1.02	=	0.15	0.97	1.12

TABLE B-23

3 X SCTL Apportioning Site Sample Residual Concentrations - 0.5 - 2 ft bls

Location	Field ID	Sample Date	Original PCB (mg/kg)	Qualifier	Original BEQ (mg/kg)	Qualifier	PCB Ratio (3X SCTL)	BEQ Ratio (3X SCTL)	Combined Ratio
3E4	HFSB-3E4-0.502	12/15/2010	1.2	JB	0.218819	=	0.31	0.21	0.52
A2	HFSB-A2-0.502	11/5/2009	0.015	U	0.2	=	0.00	0.19	0.19
B1	HFSB-B1-0.502	11/5/2009	0.015	=	0.16	=	0.00	0.15	0.16
B2	HFSB-B2-0.502	11/5/2009	0.041	=	0.11	=	0.01	0.10	0.12
B3	HFSB-B3-0.502	11/5/2009	0.014	U	0.02	=	0.00	0.02	0.02
C1	HFSB-C1-0.502	11/5/2009	0.016	U	0.12	=	0.00	0.11	0.12
C2	HFSB-C2-0.502	11/5/2009	0.45	=	0.15	=	0.12	0.14	0.26
C3	HFSB-C3-0.502	11/5/2009	0.12	J	0.02	=	0.03	0.02	0.05
C4	HFSB-C4-0.502	11/5/2009	0.14	=	0.04	=	0.04	0.04	0.07
D1	HFSB-D1-0.502	11/5/2009	0.015	U	0.03	=	0.00	0.03	0.03
D3	HFSB-D3-0.502	11/5/2009	0.38	=	0.14	=	0.10	0.13	0.23
D4	HFSB-D4-0.502	11/5/2009	0.082	J	0.05	=	0.02	0.05	0.07
E1	HFSB-E1-0.502	11/4/2009	0.76	=	0.06	=	0.20	0.06	0.25
E2	HFSB-E2-0.502	11/4/2009	0.88	=	0.1	=	0.23	0.10	0.32
E3	HFSB-E3-0.502	11/5/2009	0.053	=	0.06	=	0.01	0.06	0.07
E5	HFSB-E5-0.502	11/5/2009	0.015	U	0.04	=	0.00	0.04	0.04
F1	HFSB-F1-0.502	11/4/2009	0.024	U	0.02	=	0.01	0.02	0.03
F2	HFSB-F2-0.502	11/4/2009	0.21	J	0.14	=	0.05	0.13	0.19
F3	HFSB-F3-0.502	11/4/2009	0.76	=	0.94	=	0.20	0.90	1.09
F4	HFSB-F4-0.502	11/4/2009	0.042	=	0.07	=	0.01	0.07	0.08
F5	HFSB-F5-0.502	11/4/2009	0.058	B	0.11	=	0.01	0.10	0.12
F5E	F5E0.502	7/8/2010	0.26	=	0.21	=	0.07	0.20	0.27
F5N	F5N0.502	7/8/2010	0.16	=	0.31	=	0.04	0.30	0.34
G1	HFSB-G1-0.502	11/4/2009	0.0093	J	0.01	=	0.00	0.01	0.01
G2	HFSB-G2-0.502	11/4/2009	0.021	B	0.07	=	0.01	0.07	0.07
G3	HFSB-G3-0.502	11/4/2009	0.021	B	0.05	=	0.01	0.05	0.05
G4	HFSB-G4-0.502	11/4/2009	0.04	B	0.02	=	0.01	0.02	0.03
G5	HFSB-G5-0.502	11/4/2009	0.014	B	0.31	=	0.00	0.30	0.30
H1	HFSB-H1-0.502	11/3/2009	0.035	=	0.07	=	0.01	0.07	0.08
H4	HFSB-H4-0.502	11/3/2009	0.024	U	0.02	=	0.01	0.02	0.03
H5	HFSB-H5-0.502	11/3/2009	0.024	U	0.02	=	0.01	0.02	0.03
HFSB-06	HFSB-06-0.502	4/1/2009	0.17	=	0.22	=	0.04	0.21	0.25
I1	HFSB-I1-0.502	11/3/2009	0.024	U	0.1	=	0.01	0.10	0.10
I2	HFSB-I2-0.502	11/3/2009	0.026	U	0.43	=	0.01	0.41	0.42
I3	HFSB-I3-0.502	11/3/2009	0.025	U	0.15	=	0.01	0.14	0.15
I4	HFSB-I4-0.502	11/3/2009	0.024	U	0.01	=	0.01	0.01	0.02
I5	HFSB-I5-0.502	11/3/2009	0.024	U	0.34	=	0.01	0.32	0.33
J1	HFSB-J1-0.502	11/3/2009	0.069	B	0.13	=	0.02	0.12	0.14
J2	HFSB-J2-0.502	11/3/2009	0.01	B	0.43	=	0.00	0.41	0.41
J3	HFSB-J3-0.502	11/3/2009	0.014	B	0.04	=	0.00	0.04	0.04
J4	HFSB-J4-0.502	11/3/2009	0.024	U	0.03	=	0.01	0.03	0.03
J5	HFSB-J5-0.502	11/3/2009	0.025	U	0.02	=	0.01	0.02	0.03
Road-1	HFSB-Road-1-0_502	12/16/2010	0.049	JB	0.044831	=	0.01	0.04	0.06
Road-2	HFSB-Road-2-0_502	12/16/2010	0.19	B	0.095961	=	0.05	0.09	0.14
Road-3	HFSB-Road-3-0_502	12/16/2010	0.098	B	0.055081	=	0.03	0.05	0.08
Road-4	HFSB-Road-4-0_502	12/16/2010	0.14	JB	0.0147132	=	0.04	0.01	0.05
Road-5	HFSB-Road-5-0_502	12/16/2010	0.14	=	0.105623	=	0.04	0.10	0.14
Road-6	HFSB-Road-6-0_502	12/16/2010	0.21	B	0.166209	=	0.05	0.16	0.21
ROW-J1	HFSB-ROW-J1-0_502	12/16/2010	0.18	B	0.25686	=	0.05	0.24	0.29

TABLE B-24

Residual Concentrations

Recreational 0-0.5 feet

Exposure Unit

	Chemical	Residual UCL	SL	Ratio
1	PCB	0.45	1.29	0.35
	BEQ	0.16	0.35	0.47
			Sum of ratio:	**0.35**
	Chemical	**Minimum**	**Maximum**	**Average**
	Lead	34.1	84	55.8

	Chemical	Residual UCL	SL	Ratio
2	PCBs	0.43	1.29	0.33
	BEQ	0.20	0.35	0.56
			Sum of ratio:	**0.89**
	Chemical	**Minimum**	**Maximum**	**Average**
	Lead	21.2	128	60.7

	Chemical	Residual UCL	SL	Ratio
3	PCBs	0.36	1.29	0.28
	BEQ	0.27	0.35	0.77
			Sum of ratio:	**1.0**
	Chemical	**Minimum**	**Maximum**	**Average**
	Lead	7.7	391	163.4

Recreational 0.5-2 feet

Exposure Unit

	Chemical	Residual UCL	SL	Ratio
1	PCBs	0.35	1.29	0.27
	BEQ	0.22	0.35	0.63
			Sum of ratio:	**0.90**
	Chemical	**Minimum**	**Maximum**	**Average**
	Lead	5.8	110	24.9

	Chemical	Residual UCL	SL	Ratio
2	PCBs	0.34	1.29	0.26
	BEQ	0.22	0.35	0.62
			Sum of ratio:	**0.88**
	Chemical	**Minimum**	**Maximum**	**Average**
	Lead	0.9	121	23.1

	Chemical	Residual UCL	SL	Ratio
3	PCBs	0.25	1.29	0.19
	BEQ	0.15	0.35	0.41
			Sum of ratio:	**0.61**
	Chemical	**Minimum**	**Maximum**	**Average**
	Lead	0.3	296	37.5

Note:

All concentrations are given in mg/kg

TABLE B-25

Residual Lead Concentrations in Surface Soils, 0-0.5 ft bls

Samples that will be removed due to elevated COCs (Either lead, PCBs or PAHs)

Sample ID	Lead (mg/kg)
HFSB-01-0-6	300
HFSB-02-0-6	440
HFSB-03-0-6	4100
HFSB03A-0.0-0.5ft	149 J
HFSB-04-0-6	200
HFSB-05-0-6	120
HFSB-06-0-6	120
HFSB-07-0-6	110
HFSB-09-0-6	94
HFSB-1I2000.5	641
HFSB-1J2000_5	4330 J
HFSB-2I3000.5	66.7
HFSB-2J2W000.5	2750 J
HFSB-A2-000.5	62
HFSB-B1-000.5	142
HFSB-B2-000.5	98.1
HFSB-C2-000.5	146
HFSB-C3-000.5	141
HFSB-C4-000.5	192
HFSB-D1-000.5	64.7
HFSB-D3-000.5	158
HFSB-D4-000.5	98
HFSB-E1-000.5	89.4
HFSB-E2-000.5	32 J
HFSB-E2E000.5	207
HFSB-E3-000.5	152
HFSB-E4-000.5	131 J
HFSB-E5-000.5	62.1
HFSB-F2-000.5	417
HFSB-F3-000.5	373
HFSB-F4-000.5	132
HFSB-F5-000.5	95.9
HFSB-G1-000.5	200
HFSB-G3-000.5	249
HFSB-G4-000.5	108 J
HFSB-H1-000.5	118
HFSB-H4-000.5	214
HFSB-I1-000_5	242
HFSB-I1J000_5	2880
HFSB-I2-000_5	1020
HFSB-I2E000_5	30200
HFSB-I2N000_5	11100
HFSB-I2S000_5	2720
HFSB-I4-000_5	58 J
HFSB-I5-000_5	369
HFSB-J1-000_5	631
HFSB-J1N000_5	3420
HFSB-J2-000_5	214
HFSB-J2W000_5	9930
HFSB-JIE000_5	11100
HFSB-JIW000_5	2810 J
HFSB-Road-1-000_5	27.4
HFSB-Road-3-000_5	53.7
HFSB-Road-4-000_5	33.5
HFSB-Road-5-000_5	74.3
HFSB-Road-6-000_5	99.1

Lead levels remaining in each of the three exposure units

EU1	
Sample ID	**Lead (mg/kg)**
HFSB-B3-000.5	84
HFSB-Road-2-000_5	49.2
HFSB-C1-000.5	34.1

Min	34.1
Max	84
Average	55.8

EU2	
Sample ID	**Lead (mg/kg)**
HFSB-G5-000.5	64.8
HFSB-F2E000.5	128
HFSB-G2-000.5	21.2
HFSB-F1-000.5	28.9

Min	21.2
Max	128
Average	60.7

EU3	
Sample ID	**Lead (mg/kg)**
HFSB-I2W000_5	318
HFSB03E-0.0-0.5ft	230
HFSB03N-0.0ft-0.5ft	123
HFSB03S-0.0-0.5ft	391
HFSB03W-0.0-0.5ft	130
HFSB-I3-000_5	37.5
HFSB-J3-000_5	101
HFSB-J4-000_5	7.67
HFSB-J5-000_5	104
HFSB-H5-000.5	93.7
HFSB-ROW-J1-000_5	262

Min	7.7
Max	391
Average	163.4

TABLE B-26

Residual Lead Concentrations in Surface Soils, 0.5-2.0 ft bls

Soil Samples from Removal Areas from 0.5-2 ft bgs	
Sample ID	**Lead (mg/kg)**
HFSB-01-6-24	750
HFSB-02-6-24	24
HFSB-03-6-24	1200
HFSB03A-0.5-2.0ft	7.69
HFSB-05-6-24	31
HFSB-07-6-24	7.2
HFSB-09-6-24	28
HFSB-E4-0.502	69.7
HFSB-I4NE0_502	144

Lead levels remaining in each of the three exposure units

EU1	
Sample ID	**Lead (mg/kg)**
HFSB-A2-0.502	51.5
HFSB-B1-0.502	18.1
HFSB-B2-0.502	32.1
HFSB-B3-0.502	7.86
HFSB-C1-0.502	26.6
HFSB-C2-0.502	26.5
HFSB-C3-0.502	5.75
HFSB-C4-0.502	5.94
HFSB-D1-0.502	16.2
HFSB-D3-0.502	14.6
HFSB-D4-0.502	10.8
HFSB-06-6-24	110
HFSB-Road-1-0_50	8.43
HFSB-Road-2-0_50	14

Min	5.8
Max	110
Ave	24.9

EU2	
Sample ID	**Lead (mg/kg)**
HFSB03E-0.5-2.0ft	121
HFSB03N-0.5-2.0ft	8.54
HFSB03S-0.5-2.0ft	71
HFSB03W-0.5-2.0ft	18.2
HFSB-04-6-24	110
HFSB-E1-0.502	4.01
HFSB-E2-0.502	4.9
HFSB-E3-0.502	7.24
HFSB-E5-0.502	7.65
HFSB-F1-0.502	5.16
HFSB-F2-0.502	0.921
HFSB-F3-0.502	41.3
HFSB-G3-0.502	6.48
HFSB-G4-0.502	4.91
HFSB-G5-0.502	16.8
HFSB-F4-0.502	5.14
HFSB-F5-0.502	9.08
HFSB-G1-0.502	1.75
HFSB-G2-0.502	11
HFSB-Road-3-0_502	22.8
HFSB-Road-4-0_502	7.97

Min	0.9
Max	121
Ave	23.1

EU3	
Sample ID	**Lead (mg/kg)**
HFSB-H1-0.502	6.33
HFSB-H4-0.502	3.75
HFSB-H5-0.502	0.302
HFSB-I1-0_502	2.72
HFSB-I1J-0_502	79.3
HFSB-I2-0_502	8.26
HFSB-I2E-0_502	25.6
HFSB-I3-0_502	3.07
HFSB-I4-0_502	6.85
HFSB-I4NW0_502	88
HFSB-I5-0_502	8.46
HFSB-I5E0_502	80
HFSB-I5W0_502	16.3
HFSB-J1-0_502	8.12
HFSB-J1E-0_502	43.2
HFSB-J2-0_502	36.5
HFSB-J3-0_502	6.76
HFSB-J4-0_502	15.6
HFSB-J5-0_502	8.81
HFSB-Road-5-0_502	11.4
HFSB-Road-6-0_502	69.7
HFSB-ROW-J1-0_502	296

Min	0.3
Max	296
Ave	37.5

Appendix C
Pre-Construction Meeting Minutes

Pre-Construction Meeting, Parcel K

PREPARED FOR: Mark Davidson

COPY TO:
Ed Barham
Ron Demes
Tom Cherrix
Bob Brown
Randy Dumaop
Nicole Monroe
Dawn Townsen
Sean Hagerott
Jeffry Peleg
Robert Courtright
Doug Bradshaw
Richard Ruzich
Tom Riordan

PREPARED BY: Amy Twitty

DATE: January 10, 2012

PROJECT NUMBER: 395479

AGVIQ-CH2M HILL Constructors, Inc. Joint Venture III (AGVIQ-CH2M HILL) has been contracted by the Naval Facilities Engineering Command, Southeast (NAVFAC SE) through the Base Realignment and Closure (BRAC) Program Management Office to perform a soil removal action for contaminated surface and subsurface soils at the City-owned portion of Parcel K (Parcel K), Truman Annex, Naval Air Station (NAS) Key West, Florida (Figure 1-1). This work is being performed under the terms and conditions of Contract Number N62470-08-D-1006, Task Order (TO) No. JM22.

Parcel K and other properties including the former Defense Reutilization Marketing Office (DRMO) were part of a property transfer from the Navy to the City of Key West. As described in the December 3, 2002, Quitclaim Deed, the Navy transferred approximately 32.31 acres of Truman Waterfront/Trumbo Road properties for industrial land use. Since then, the City of Key West has expressed interest in developing the former DRMO and Parcel K into a recreational park (Figure 1-2). Based on the planned future land use, the Navy has chosen to remediate Parcel K to recreational land use.

The purpose of this Pre-Construction Meeting is to outline the procedures to perform a soil removal action at Parcel K to meet the Recreational Soil Cleanup Target Levels (SCTLs) of site contaminants in surface and subsurface soil.

Scope of Work

Based on the comparison of soil analytical results to Recreational and Leachability to Groundwater (LGW) SCTLs including hot spots, it is anticipated that a total of 2,118 cubic yards (yd^3) of soil will be excavated to a maximum depth of approximately 4 feet bls at the Parcel K site. The following are anticipated to be encountered:

- Soil contaminated with lead, polychlorinated biphenyls (PCBs) (less than 50 mg/kg) and polycyclic aromatic hydrocarbons (PAHs) from 0 to 2 feet below land surface (bls)
- Soil contaminated with PCBs greater than or equal to 50 mg/kg (0 to 4 feet bls)

PCB remediation waste is defined as any non-liquid waste or debris generated as a result of any historical PCB spill cleaned up under 40 Code of Federal Regulations (CFR) § 761.61, including soil, sediments, dredged materials, sewage sludge, and industrial sludge. Waste that qualifies under the Toxic Substances Control Act (TSCA) as remediation waste is managed as TSCA-regulated waste if the original PCB source is known to be greater than 50 mg/kg or the waste has an as-found concentration of greater than 50 mg/kg.

Soil, concrete and asphalt surfaces at Parcel K, which are contaminated with PCBs and are proposed for remediation, are considered remediation wastes. Parcel K will be remediated under 40 CFR 761.61 – Self-

Implementing On-Site Cleanup. The source and original concentration of PCBs at Parcel K is unknown; therefore, wastes will be managed at their as-found concentrations. Remediated waste having PCB concentrations less than 50 mg/kg may be disposed of at a non-hazardous landfill as a non-TSCA regulated waste. Any soil with PCB concentrations greater than or equal to 50 mg/kg will be disposed at a TSCA-regulated landfill.

Figure 2-3 identifies the lead, PCB- and PAH-contaminated soil area from 0 to 0.5 feet bls, which is approximately 81,643 ft^2 (1,512 yd^3). Figure 2-3 also identifies the contaminated soil area within the originally defined 81,643 ft^2 of contaminated soil from 0 to 0.5 feet bls that contains PCBs greater than or equal to 50 mg/kg at this depth, which is approximately 6,553 ft^2 (121 yd^3). Where no bottom confirmation samples were found from beneath the 0 to 0.5 feet bls samples, the excavation will continue vertically as described below. No bottom confirmation samples are warranted.

Figure 2-4 identifies the lead-, PCB-, and PAH-contaminated soil area from 0.5 to 2 feet bls, which is approximately 10,770 ft^2 (598 yd^3). Figure 2-4 also identifies the contaminated soil area within the originally defined 10,770 ft^2 of contaminated soil from 0.5 to 2 feet bls that contains PCBs greater than or equal to 50 mg/kg at this depth, which is approximately 100 ft^2 (5.6 yd^3).

Figure 2-5 identifies the soil exceedances from 2 to 4 feet bls. Only one sample, D2W, exceeded the LGW SCTL for PCBs in the subsurface soil at Parcel K (2,000 mg/kg). As noted above, this PCB concentration exceeds the TSCA-regulated waste criterion of 50 mg/kg. Additional confirmation sampling is required to delineate the TSCA-regulated waste at depth. This area is estimated to be approximately 100 ft^2 (7.4 yd^3).

Schedule

The preliminary field work will commence the week of January 16th with the earth-moving activities commencing the week of January 23, 2012. The cruise ship schedule to the Outer Mole Pier is free from the 25 – 28th. We should plan the road demolition accordingly. Depending on the number of trucks the contractors can bring to the site per day, the duration of the excavation may be extended. The proposed schedule is provided below.

Task	Start Date	End Date
Pre-construction meeting	10-Jan-12	10-Jan-12
Mobilization and site preparation	15-Jan-12	22-Jan-12
Utility Survey	16-Jan-12	17-Jan-12
Pre-Excavation Survey	16-Jan-12	17-Jan-12
Confirmation Sample Collection	19-Jan-12	19-Jan-12
Soil excavation	23-Jan-12	27-Jan-12
Road demolition and excavation	26-Jan-12	27-Jan-12
T&D of excavated soil	23-Jan-12	27-Jan-12
Waste characterization of aqueous wastes	28-Jan-12	28-Jan-12
Backfill and site restoration	23-Jan-12	31-Jan-12
T&D of aqueous waste if separate from soil	28-Feb-12	28-Feb-12

Traffic Control/Road Removal

- Traffic to the Mole Pier via Angela Street during the excavation will be rerouted south around the former DRMO.

- Traffic cones and barriers provided by AQVIQ-CH2M HILL.
- Once Angela Street is removed and the soil excavated, the road will not be replaced by AQVIQ-CH2M HILL. Instead, the road will be backfilled consistent with the rest of the site. AQVIQ-CH2M is looking into the price difference between backfill and crush and run for the road. If the prices are similar, the road area will be backfilled with the crush and run.

Utilities

- Multiple underground utilities exist at the Parcel K site. Some of these were installed by the City of Key West and are active (or live) including a sewer lift station (see photo below).

- Once all utilities are marked by the third-party locator and Sunshine One Call participants, the City of Key West will be notified of any existing utilities they may want to save or move. Since most of the excavation is to 6 inches, most underground utilities can be avoided. The City cannot move the sewer lift station.

Waste Manifests

Waste hauling will commence on Monday, January 23rd. Manifests will need to be signed during the day and for most of the week. Robert Courtright will be tied up in Partnering Team meetings from 24-26th. Ed Barham or Vince Sucameli will be available to sign manifests during the week. As a backup, Mark Davidson will prepare a letter for CH2M HILL to sign the non-hazardous manifests.

The waste haulers should come down Truman Avenue, go right on Whitehead Street, and left on Southard to enter the site. There is a noise ordinance from 8 am to 7 pm. No trucks should be idling or otherwise making noise before 8 am or after 7 pm near the neighborhoods. Sunset is around 5 pm.

Onsite Equipment/Debris

All onsite materials and equipment should be removed from the Parcel K site prior to conducting excavation activities. During a recent site visit it was noted that the City of Key West had some materials on site. If these items are deemed to be in areas that will not be disturbed, the City should cover them to avoid any cross contamination. AGVIQ-CH2M HILL cannot be held liable for damage to materials left onsite.

Sail Boat Regatta

The Quantum Key West sail boat regatta will be held January 15 – 20 near Truman Annex. The site work should not interfere with the regatta.

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Project Contacts

Navy RPM
Mark Davidson/BRAC PMO
(843)452-5628

Site Superintendent
Tom Cherrix/AGVIQ
(757) 417-5506

QC Officer
Randy Dumaop/AGVIQ
(904) 219-6280

NAS Key West Environmental
Ed Barham – (305) 293-2911 office
Robert Courtright – (305) 797-4461

SWS Environmental
Sean Hagerott - (813) 433-4056
Bob Lewis - (813) 433-4464

Project Manager
Amy Twitty/CH2M HILL
(850)232-0320

Health and Safety Officer
Nicole Monroe/CH2M HILL
(504) 473-1399

Waste Coordinator NAS Key West
Vince Sucameli – (305) 797-4454

Richard Ruzich – NAS Key West
(305)293-2785

Other Items Discussed

Ron Demes noted that the road to the Outer Mole Pier will also be used for training personnel and for emergency response so we need to keep an open roadway at all times. Tom Cherrix stated the road demolition and replacement with road base should be completed in one day (or less). Richard Ruzich would like to be informed of the final schedule for the road demo/replacement. Doug Bradshaw stated he was meeting with the City's paving contractor on site next week (January 19th) to discuss paving the road after we place the road base. We should know the schedule by the end of that day and Amy will update the team accordingly.

There is no potable water fire hydrant on site but there may be a standard ¾" or 1" water spigot. Ed Barham (or others) will notify the Port Ops of the upcoming activities.

Attendees:

Amy Twitty – CH2M HILL

Mark Davidson – RPM BRAC PMO

Tim Riordan – RPM

Ed Barham – NAS Key West

Robert Courtright – NAS Key West

Ron Demes – NAS Key West

Richard Ruzich - NAS Key West

Doug Bradshaw – City of Key West

Jeffry Peleg - SWS

Sean Hagerott – SWS

Dawn Townsen – CH2M HILL

Bob Brown – AGVIQ

Tom Cherrix – AGVIQ

Randy Dumaop – AGVIQ

Nicole Monroe - CH2M HILL

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Appendix D
Contractor Production Reports and Contractor Quality Control Reports

Contractor Production Reports

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 1-16-12 REVISION NO: 0 REVISION DATE:

CTO NO: JM22	PROJECT NAME/LOCATION: Removal Actions at Parcel K - Key West, Florida		REPORT NO.: 14
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix		Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX TEMP: 83 F	MIN TEMP: 67 F

SUMMARY OF WORK PERFORMED TODAY

No site work done since last report # 13 on 7-14-2012. Crew met onsite at 07:30 a.m. A pre-task safety plan was reviewed and signed. A site walk through was performed by Amy Twitty and crew. Bud Martin with Geotek (utility locator) reviewed SOW and site Safety AHAs and commenced marking of utilities within work area. Island Surveying crew reviewed SOW with JV and reviewed AHAs and completed site specific awareness training. The 50 ft survey grid was re-established and remarked. Both subcontractors will return back on site Tuesday the 17th. JV crew reviewed all utility markings and started install of ESC-silt fence along the east side of the site. Crew mobilized offsite at 17:00 - See QC report for additional Information.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No	
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No	
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No	
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No	

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	12.5
AGVIQ On-Site Hours	19
Subcontractor On-Site Hours	15
Total On-Site Hours This Date	46.5
Cumulative Total of Work Hours From Previous Report	62
Total Work Hours From Start of Construction	108.50

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Site pick up truck (POV)	F-350 PU Truck	T. Cherrix	9.5	N/A	0
Trencher Barreto 1324D	Four Star	T Cherrix	2	0	0
				0	0
				0	0

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**	
VISITORS TO THE SITE:	
SAFETY REQUIREMENTS HAVE BEEN MET ☒	

Tom Cherrix		01-16-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 01-16-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Parcel K , Key West, Florida	REPORT NO: 014
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Tom Cherrix	Site Set Up – ESC Install	AGVIQ	No	No	Superintendent	9.5
Nicole Monroe	Site Set Up – ESC Install	CH2M HILL	Yes	No	SSHS	9.5
Randy Dumaop	Site Set Up – ESC Install	AGVIQ	No	No	QC Manager	9.5
Amy Twitty	Site Set Up – ESC Install	CH2M HILL	Yes	No	Project Manager	3
Bud Martin	Utility Locator	Geotek	No	No	Utility Locate	9
Fred Hildebrardt	Surveyor	Island Surveying	No	No	Surveyor	3
Donald Fletchell	Surveyor	Island Surveying	No	No	Surveyor	3

INCLUDE ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *46.5*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

01-16-12

SUPERINTENDENT'S SIGNATURE | DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 1-17-12 REVISION NO: 0 REVISION DATE:

CTO NO: JM22	PROJECT NAME/LOCATION: Removal Actions at Parcel K - Key West, Florida		REPORT NO.: 15
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix		Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX TEMP: 87 F	MIN TEMP: 73 F

SUMMARY OF WORK PERFORMED TODAY

Crew met onsite at 08:00 hours after stop at the storage unit. A pre-task safety plan was reviewed and signed. Bud Martin with Geotek (utility locator) reviewed site safety AHAs and commenced marking of utilities within work area. After completion, crew walked entire site for overview of utilities, locations and types. Bud provided a drawing with findings. Island Surveying (Donald) reviewed AHAs and continued with survey and layout of site with Amy and Nicole. Stakeout of areas for sampling was done (PCB hot spot) and 2 of the 3 2-ft dig locations. JV crew reviewed all utility markings and continued trenching for ESC (silt fence) along the north, west and south sides of site. Various equipment and materials arrived on site to complete site set up. Crew mobilized off site at 17:30 – Met with Doug Bradshaw (City of Key West) and went over what City property needed to be moved prior to Monday's (23rd) activities. Went to NOAA with Doug to meet Craig Hollingsworth to get permission to use fire hydrant in front of building. Need to get account with Florida Keys Aqueduct Authority and back flow preventer. See QC report for additional Information.

JOB SAFETY

Was A job safety meeting held this date?	☒ Yes ☐ No	**TOTAL WORK HOURS ON JOB SITE THIS DATE** (Including Continuation Sheets)	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes ☒ No	CH2MHILL On-Site Hours	14.5
Was a Confined Space Entry Permit administered this date? (If Yes, attach copy of each permit)	☐ Yes ☒ No	AGVIQ On-Site Hours	19
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes ☒ No	Subcontractor On-Site Hours	9
		Total On-Site Hours This Date	42.5
Was hazardous material/waste released into the environment? (If Yes, attach description of incident and proposed action)	☐ Yes ☒ No	Cumulative Total of Work Hours From Previous Report	108.5
		Total Work Hours From Start of Construction	151

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

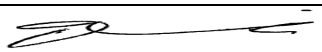
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
Various PPE	Aramsco	N/A		
Misc Small Tools	Four Star Rental	N/A		

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Site pick-up truck (POV)	F-350 PU Truck	T. Cherrix	9.5	N/A	0
Trencher Barreto 1324D	Four Star	T Cherrix	4	0	0
Mini Excavator Komatso	Four Star	R. Dumaop	7	0	0
Generator & Hammer Drill for SF installation	Four Star	T Cherrix	2	0	0
Mobile Mini Storage-Office Trailer	20'	N/A	N/A		
25 KW Generator	Hertz	T Cherrix	6		

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**	Need conformation with Client- about security sensors related to Gate into NAS Key West. Activation lines are in asphalt or not and or replacement POC if needed prior to removal of asphalt.
VISITORS TO THE SITE:	
SAFETY REQUIREMENTS HAVE BEEN MET ☒	

Tom Cherrix		01-16-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 01-17-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Parcel K , Key West, Florida	REPORT NO: 015
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Tom Cherrix	Site Set Up – ESC Install	AGVIQ	No	No	Superintendent	9.5
Nicole Monroe	Site Set Up – ESC Install Demobilization	CH2M HILL	Yes	No	SSHS	9.5
Randy Dumaop	Site Set Up – ESC Install	AGVIQ	No	No	QC Manager	9.5
Amy Twitty	Site Set Up – ESC Install	CH2M HILL	Yes	No	Project Manager	5
Bud Martin	Utility Locator	Geotek	No	No	Utility Locate	4
Fred Hildebrardt	Surveyor	Island Surveying	No	No	Surveyor	0
Donald Fletchell	Surveyor	Island Surveying	No	No	Surveyor	3
Dan Kirk	Electrician	Nearshore Electric	No	No	Electrician	2

INCLUDE ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *42.5*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

01-17-12

SUPERINTENDENT'S SIGNATURE | DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 1-18-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Removal Actions at Parcel K - Key West, Florida	REPORT NO.: 16
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny / MAX TEMP: 87 F	MIN TEMP: 77 F

SUMMARY OF WORK PERFORMED TODAY

Crew met on site at 08:00. A pre-task safety plan was reviewed and signed. Crew collected soil samples (2' & 4') from Grid D2W to delineate extent of PCB contamination for disposal. Island Surveying (Donald) was on site completing layout of excavation points. Areas were color coded for delineation based on disposal methods (Haz – Non Haz) and depths. Spoke with Craig Hollingsworth (Florida Keys National Marine Sanctuary) Re: Fire Hydrant use. He stated the hydrant belongs to Florida Keys Aqueduct Authority.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes ☐ No	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes ☒ No	
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes ☒ No	
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes ☒ No	
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes ☒ No	

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	16
AGVIQ On-Site Hours	18
Subcontractor On-Site Hours	3
Total On-Site Hours This Date	37
Cumulative Total of Work Hours From Previous Report	151
Total Work Hours From Start of Construction	188

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
Silt Fence Materials and post (1,200lf)	Hanes Geo	N/A		

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Site Pick-up Truck (POV)	F-350 PU Truck	T. Cherrix	9.5	N/A	0
Pressure Washer	Four Star	T. Cherrix		0	0
Mini Excavator Komatso	Four Star	R. Dumaop	7	0	0
Generator & Hammer Drill for SF installation	Four Star	T Cherrix	0	0	0
Mobile Mini Storage-Office Trailer	20'	N/A	N/A		
25 KW Generator	Hertz	T Cherrix	6		

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Tom Cherrix		01-18-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

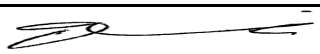
AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 01-18-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Parcel K , Key West, Florida	REPORT NO: 016
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Tom Cherrix	Site Set Up – ESC Install	AGVIQ	No	No	Superintendent	9
Nicole Monroe	Site Set Up – ESC Install	CH2M HILL	Yes	No	SSHS	9
Randy Dumaop	Site Set Up – ESC Install	AGVIQ	No	No	QC Manager	9
Amy Twitty	Site Set Up – ESC Install	CH2M HILL	Yes	No	Project Manager	7
Donald Fletchell	Surveyor	Island Surveying	No	No	Surveyor	3

INCLUDE ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *37*

SAFETY REQUIREMENTS HAVE BEEN MET ☒



SUPERINTENDENT'S SIGNATURE

01-18-12

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 1-19-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Removal Actions at Parcel K - Key West, Florida		REPORT NO.: 17
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix		Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX TEMP: 84 F	MIN TEMP: 77 F

SUMMARY OF WORK PERFORMED TODAY

Crew met on site at 08:00. A pre-task safety plan was reviewed and signed. Installed silt fence along the East & North side of property. Completed marking of excavation points with survey data. Collected one sample and duplicate for area in grid "A" adjacent to the security key pad for verification of contaminant. Went to the Florida Keys Aqueduct Authority and put deposit on water backflow preventer. (to be installed by Friday January 20th)

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes ☐ No	**TOTAL WORK HOURS ON JOB SITE THIS DATE** (Including Continuation Sheets)	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes ☒ No	CH2MHILL On-Site Hours	11
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes ☒ No	AGVIQ On-Site Hours	19
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes ☒ No	Subcontractor On-Site Hours	0
		Total On-Site Hours This Date	30
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes ☒ No	Cumulative Total of Work Hours From Previous Report	188
		Total Work Hours From Start of Construction	218

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
1000 Gallon Fuel tank	Hertz	N/A	T Cherrix	

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Site Pick up Truck (POV)	F-350 PU Truck	T. Cherrix	9.5	N/A	
Backhoe & Hammer	Hertz	T. Cherrix			
135 Excavator	United Rentals	T.Cherrix			
Mobile Mini Storage-Office Trailer	20'	N/A	N/A		
25 KW Generator	Hertz	T Cherrix	6		

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**	
VISITORS TO THE SITE:	
SAFETY REQUIREMENTS HAVE BEEN MET ☒	

Tom Cherrix		01-19-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 01-19-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Parcel K , Key West, Florida	REPORT NO: 017
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Tom Cherrix	Site Set Up – ESC Install	AGVIQ	No	No	Superintendent	9.5
Nicole Monroe	Site Set Up – ESC Install	CH2M HILL	Yes	No	SSHS	8
Randy Dumaop	Site Set Up – ESC Install	AGVIQ	No	No	QC Manager	9.5
Amy Twitty	Site Set Up – ESC Install	CH2M HILL	Yes	No	Project Manager	3

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *30*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

01-19-12

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 1-20-12 REVISION NO: 0 REVISION DATE:

CTO NO: JM22	PROJECT NAME/LOCATION: Removal Actions at Parcel K - Key West, Florida		REPORT NO.: 18
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix		Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX TEMP: 87 F	MIN TEMP: 77 F

SUMMARY OF WORK PERFORMED TODAY

Crew met on site at 08:00. A pre-task safety plan was reviewed and signed. City of Key West, Florida installed the water meter. City relocated all of their property out of JV work area. Set up barricades along access road. Excavated and installed silt fence along the North –North West side of property. Used water truck during activities. Saw cut areas adjacent to city security to delineate excavation vs. Clean areas that are to remain. Cut road crossings.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes ☐ No	**TOTAL WORK HOURS ON JOB SITE THIS DATE** (Including Continuation Sheets)	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes ☒ No	CH2MHILL On-Site Hours	13
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes ☒ No	AGVIQ On-Site Hours	20
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes ☒ No	Subcontractor On-Site Hours	0
		Total On-Site Hours This Date	33
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes ☒ No	Cumulative Total of Work Hours From Previous Report	251
		Total Work Hours From Start of Construction	284

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

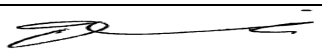
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
310G Backhow & 2000k H20 Tk	Hertz		T Cherrix	
Barricades	Four Star		T Cherrix	
2 Loads of 50-50 Fill	Discounr Rock & Sand		T Cherrix	Approx 36cy

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Site Pick up Truck (POV) & Rental	F-350 PU Truck / National	T. Cherrix	10-4	N/A	
2000 gal 24K Water Truck	Hertz	T. Cherrix	4	0	
Backhoe & Hammer	Hertz	T. Cherrix	0	0	
135 Excavator	United Rentals	T.Cherrix	7	0	
Mobile Mini Storage-Office Trailer	20’	N/A	N/A		
25 KW Generator	Hertz	T Cherrix	10	0	

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**	Subcontractor for City (Paving) needs to be on site by Thursday to get new asphalt down. JV will work necessary hours to get excavated and restored by that time in addition to scheduled T&D operations.
VISITORS TO THE SITE:	
SAFETY REQUIREMENTS HAVE BEEN MET ☒	

Tom Cherrix		01-20-12
SUPERINTENDENT’S NAME	SUPERINTENDENT’S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 01-20-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Parcel K , Key West, Florida	REPORT NO: 018
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Tom Cherrix	Site Set Up – ESC Install	AGVIQ	Yes	No	Superintendent	10
Nicole Monroe	Site Set Up – ESC Install	CH2M HILL	Yes	No	SSHS	10
Randy Dumaop	Site Set Up – ESC Install	AGVIQ	No	No	QC Manager	10
Amy Twitty	Site Set Up – ESC Install	CH2M HILL	Yes	No	Project Manager	3

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *33*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

01-20-12

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 1-21-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Removal Actions at Parcel K - Key West, Florida	REPORT NO.: 19
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny / MAX TEMP: 87 F	MIN TEMP: 77 F

SUMMARY OF WORK PERFORMED TODAY

Crew met on site at 08:00. A pre-task safety plan was reviewed and signed. Completed installation of silt fence on north, west, and east sides of project site. South side will be installed after access road is completed. Jack hammered concrete area and removed stockpiles of concrete for recycling (approx 2-3 loads). Removed 6" of clean overburden from Grids I2-I3. See QC for additional information.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes ☐ No	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes ☒ No	
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes ☒ No	
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes ☒ No	
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes ☒ No	

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	8
AGVIQ On-Site Hours	16
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	24
Cumulative Total of Work Hours From Previous Report	284
Total Work Hours From Start of Construction	308

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
50-50 fill	Discount Rock & Sand	3 loads		66 tons

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Site Pick up Truck (POV) & Rental	F-350 PU Truck / National	T. Cherrix	10-4	N/A	
2000 gal 24K Water Truck	Hertz	T. Cherrix	4	0	
Backhoe & Hammer	Hertz	T. Cherrix	0	0	
135 Excavator	United Rentals	T.Cherrix	7	0	
Mobile Mini Storage-Office Trailer	20'	N/A	N/A		
25 KW Generator	Hertz	T Cherrix	10	0	

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Tom Cherrix		01-21-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

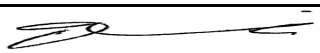
AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 01-21-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Parcel K , Key West, Florida	REPORT NO: 019
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Tom Cherrix	Site Set Up – ESC Install-demo concrete	AGVIQ	No	No	Superintendent	8
Nicole Monroe	Site Set Up – ESC Install-demo concrete	CH2M HILL	Yes	No	SSHS	8
Randy Dumaop	Site Set Up – ESC Install-demo concrete	AGVIQ	No	No	QC Manager	8

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *24*

SAFETY REQUIREMENTS HAVE BEEN MET ☒



SUPERINTENDENT'S SIGNATURE

01-21-12

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 1-22-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Removal Actions at Parcel K - Key West, Florida	REPORT NO.: 20
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny / MAX TEMP: 87 F	MIN TEMP: 77 F

SUMMARY OF WORK PERFORMED TODAY

No Work this Day

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☐ Yes	☒ No	**TOTAL WORK HOURS ON JOB SITE THIS DATE** (Including Continuation Sheets)
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No	CH2MHILL On-Site Hours:
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No	AGVIQ On-Site Hours:
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No	Subcontractor On-Site Hours: 0 **Total On-Site Hours This Date:**
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No	Cumulative Total of Work Hours From Previous Report: 308 Total Work Hours From Start of Construction: 308

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Site Pick up Truck (POV) & Rental	F-350 PU Truck / National	T. Cherrix	0	N/A	
2000 gal 24K Water Truck	Hertz	T. Cherrix	0	0	
Backhoe & Hammer	Hertz	T. Cherrix	0	0	
135 Excavator	United Rentals	T.Cherrix	7	0	
Mobile Mini Storage-Office Trailer	20’	N/A	N/A		
25 KW Generator	Hertz	T Cherrix	0	0	

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Tom Cherrix		01-22-12
SUPERINTENDENT’S NAME	SUPERINTENDENT’S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 01-22-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Parcel K , Key West, Florida	REPORT NO: 020
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

01-22-12

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 1-23-12 REVISION NO: 0 REVISION DATE:

CTO NO: JM22	PROJECT NAME/LOCATION: Removal Actions at Parcel K - Key West, Florida		REPORT NO.: 21
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix		Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX TEMP: 87 F	MIN TEMP: 77 F

SUMMARY OF WORK PERFORMED TODAY

Crew met on site at 07:00. A pre-task safety plan was reviewed and signed. Set up detour for access to NAS and for cruise ship operations. Completed excavation of Grids I & J – 2 & 3. 17 loads to CEMEX (SWS) Received 2 loads of 50-50 mix for backfill. Excavated and stockpiled partial of Grids I & J – 3, 4& 5 for load out in the am. Exposed 6" storm drain line tied into NAVY "Main" storm line from NAS Key West. Spoke with Doug Bradshaw (City of Key West) and Craig Hollingsworth (NOAA Eco Sanctuary), both stated line was out of service. JV will grout line in manhole.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes ☐ No	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes ☒ No	
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes ☒ No	
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes ☒ No	
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes ☒ No	

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	11.5
AGVIQ On-Site Hours	57.5
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	69
Cumulative Total of Work Hours From Previous Report	308
Total Work Hours From Start of Construction	377

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
50-50 fill	Discount Rock & Sand	2 loads		44 tons

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Site Pick up Truck (POV) & Rental	F-350 PU Truck / National	T. Cherrix	11.4 / 11.4	N/A	
2000 gal 24K Water Truck	Hertz	T. Cherrix	10	1.5	
Backhoe & Hammer	Hertz	T. Cherrix	1	10.5	
135 Excavator – JD Loader	United Rentals	T.Cherrix	11- 9	.5-2.5	
Mobile Mini Storage-Office Trailer	20'	N/A	N/A		
25 KW Generator	Hertz	T Cherrix	11.5	0	

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Tom Cherrix		01-23-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

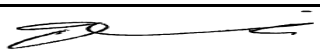
AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 01-23-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Parcel K , Key West, Florida	REPORT NO: 021
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Tom Cherrix	Excavation & Backfill	AGVIQ	No	No	Superintendent	11.5
Nicole Monroe	Excavation & Backfill	CH2M Hill	Yes	No	SSHS	11.5
Randy Dumaop	Excavation & Backfill	AGVIQ	No	No	QC Manager	11.5
Luke Garcia Somuk	Excavation & Backfill	AGVIQ	No	NO	Operator	11.5
Mike Jayroe	Excavation & Backfill	AGVIQ	No	No	Operator	11.5
Monica Rogers	Excavation & Backfill	AGVIQ	Yes	Yes	Labor-Operator	11.5

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *69*

SAFETY REQUIREMENTS HAVE BEEN MET ☒



01-23-12

SUPERINTENDENT'S SIGNATURE | DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 1-24-12 REVISION NO: 0 REVISION DATE:

CTO NO: JM22	PROJECT NAME/LOCATION: Removal Actions at Parcel K - Key West, Florida		REPORT NO.: 22
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix		Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX TEMP: 87 F	MIN TEMP: 77 F

SUMMARY OF WORK PERFORMED TODAY

Crew met on site at 07:00. A pre-task safety plan was reviewed and signed. LT N. Redorado of Key West Police asked for us to go ahead and close the road prior to the 2 pm schedule. Crew set up detour for access to NAS and for Cruise Ship operations. Completed excavation of Grids I-J – 3 & 4 x 2 foot. Excavated and shipped Grids D-E /4 & 5 x 2 foot. Received 8 loads of 50-50 mix total Non-Haz shipped today were 22. Removed asphalt on the access road and various areas for the 6" removal. Loaded and backhauled asphalt (5 loads) to Discount Rock & Sand for recycling. Removed 275 x12 LF of the 400 ft access road and shipped. Active waterline crossing access road is not at 6" but at 2". Will contact Florida Keys Aqueduct Authority tomorrow and check if we should remove or not.

Totals for T&D: Non Haz: Based on Weight Tickets from Scale
Monday January 23rd = 361.30 tons

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes ☐ No	**TOTAL WORK HOURS ON JOB SITE THIS DATE** (Including Continuation Sheets)	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes ☒ No	CH2MHILL On-Site Hours	12
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes ☒ No	AGVIQ On-Site Hours	60
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes ☒ No	Subcontractor On-Site Hours	0
		Total On-Site Hours This Date	72
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes ☒ No	Cumulative Total of Work Hours From Previous Report	377
		Total Work Hours From Start of Construction	449

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
50-50 fill	Discount Rock & Sand	8 loads		160 tons

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Site Pick up Truck (POV) & Rental	F-350 PU Truck / National	T. Cherrix	11.4 / 11.4		
2000 gal 24K Water Truck 66420596	Hertz	M. Rogers	11		
Dozer 201076037 25kw Generator	Hertz - Hertz	Mike Jayroe - T. Cherrix	6-11		
135 Excavator – 1209916 JD Loader 1002121943	United Rentals	Mike Jayroe – Luke Somuk	11- 11		
Mobile Mini Storage-Office Trailer ASPO2YX0164	20'	N/A	N/A		
Skid Steer 774601 – 56" Roller 992333	United	L Somuk – M Rogers	11- 0		

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**	Many utilities. Concrete footers encountered. Slowing production consider ability. Asphalt outside the Access road is averaging 1-5 inches. Very difficult to break up and separate from soils.
VISITORS TO THE SITE:	Keys Aqua Authority Dan Vectors stopped by the site. Talked about removal of Water Line. Will be back Wednesday.
SAFETY REQUIREMENTS HAVE BEEN MET ☒	

Tom Cherrix		01-24-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

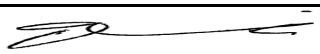
AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 01-24-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Parcel K, Key West, Florida	REPORT NO: 022
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Tom Cherrix	Excavation & Backfill	AGVIQ	No	No	Superintendent	12
Nicole Monroe	Excavation & Backfill	CH2M HILL	Yes	No	SSHS	12
Randy Dumaop	Excavation & Backfill	AGVIQ	No	No	QC Manager	12
Luke Garcia Somuk	Excavation & Backfill	AGVIQ	No	No	Operator	12
Mike Jayroe	Excavation & Backfill	AGVIQ	No	No	Operator	12
Monica Rogers	Excavation & Backfill	AGVIQ	Yes	Yes	Labor-Operator	12

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *72*

SAFETY REQUIREMENTS HAVE BEEN MET ☒



01-24-12

SUPERINTENDENT'S SIGNATURE | DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 1-25-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 23
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix		Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX TEMP: 87 F	MIN TEMP: 77 F

SUMMARY OF WORK PERFORMED TODAY

Crew met on site at 07:00. A pre-task safety plan was reviewed and signed. Detour remains in place for access to NAS and for Cruise Ship operations. Received 7 loads of 50-50 mix. Total Non Haz shipped today were 12 trucks. Removed asphalt on the access road and various areas for the 6" removal. Loaded and backhauled asphalt (4 loads) to Discount Rock & Sand for recycling. Removed balance of the 400 ft Access road and shipped. Imported crush lime rock, restored roads to 4". One additional inch will be placed Thursday morning.

PWD/FEAD Visited site – inspection. Names noted below.

Totals for T&D: Non Haz: Based on Weight Tickets from Scale

Monday January 23rd = 361.30 tons

Tuesday January 24th = Approx. 475.62 tons

Wednesday: January 25h = Approx. 200 tons

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	12
AGVIQ On-Site Hours	60
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	72
Cumulative Total of Work Hours From Previous Report	449
Total Work Hours From Start of Construction	521

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety planner was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
Certified Clean 50-50 Fill Dirt	50 / 50 Mix	Discount Rock & Sand	T. Cherrix / R. Dumaop	7 Loads / 140 tons
Certified Clean DOT Crushed Limerock (Road Base)	DOT CR Rock	Discount Rock & Sand	T. Cherrix / R. Dumaop	8 Loads / 160 tons

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Site Pick up Truck (POV)	F-350 PU Truck	T. Cherrix	11	1	0
Rental SUV	Nissan Pathfinder	R. Dumaop	11	1	0
2000 Gallon Water Truck	Ford / F750	M. Rogers	11	1	0
25 KW Generator	Hertz	T Cherrix	12	0	0
Front-End Wheel Loader	John Deere / 544K	L. Somuk	11	1	
Drum Roller 50-56"	Bomag / BW145D-3	M. Rogers	6	6	0
Dozer	John Deere / 450J-LGP	M. Jayroe	11	1	0
Excavator	John Deere / 135D RTS	M. Jayroe	11	1	0
Office / Storage Combo Container	Mobile Mini Rental	N/A	12	0	0
Skid Steer Track	Takeuchi / TL130R	L. Somuk	11	1	0

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:** Many utilities. Concrete footers encountered. Slowing production consider ability. Asphalt outside the Access road is averaging 1-5 inches. Very difficult to break up and separate from soils.

VISITORS TO THE SITE: Keys Aqua Authority Dan Vector: Leaving line in place after restoration. Mel Herlehy PWD/FEAD NAVFAC SE & Ens Antoni Wyszynski PWD/FEAD NAVFAC SE.

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Tom Cherrix		01-25-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 01-25-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 023
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Tom Cherrix	Excavation access Road & Backfill	AGVIQ	No	No	Superintendent	12
Nicole Monroe	Safety- Excavation Road & Backfill	CH2M HILL	Yes	No	SSHS	12
Randy Dumaop	QC -Excavation access Road & Backfill	AGVIQ	No	No	QC Manager	12
Luke Garcia Somuk	Excavation access Road & Backfill	AGVIQ	No	No	Operator	12
Mike Jayroe	Excavation access Road & Backfill	AGVIQ	No	No	Operator	12
Monica Rogers	Excavation access Road & Backfill	AGVIQ	Yes	Yes	Labor-Operator	12

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *72*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

01-25-12

SUPERINTENDENT'S SIGNATURE | DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 1-26-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 24
PROJECT NO: 395475 / 1982	SUPERINTENDENT: Tom Cherrix		Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX TEMP: 87 F	MIN TEMP: 77 F

SUMMARY OF WORK PERFORMED TODAY

Crew met on site at 07:00. A pre-task safety plan was reviewed and signed. Detour remains in place for access to NAS and for Cruise Ship operations. Received 14 loads of 50-50 mix / 2 loads of common fill lime rock. (0) Non Haz shipped today. Removed asphalt in various areas for the 6" removal. Loaded and backhauled asphalt (2 loads) to Discount Rock & Sand for recycling. Imported crush lime rock 6 loads from Metro Trucking, restored roads to 1" below grade. Subcontractor for City paving (DN Higgins) on site. Completed final grading and compaction for asphalt tomorrow. Excavated 2' in Grid A-1 and required 6" in Grids A-B / 1 & 2 and Grid C / 2-3 & 4 of Non Haz. Started 6" restoration in same with 50-50 mix.

Totals for T&D: Non Haz: Based on Weight Tickets from Scale
Monday January 23rd = 361.30 tons
Tuesday January 24th = Approx. 475.62 tons
Wednesday: January 25h = Approx. 200 tons
Thursday: None

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	10
AGVIQ On-Site Hours	50
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	60
Cumulative Total of Work Hours From Previous Report	521
Total Work Hours From Start of Construction	581

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
Certified Clean 50-50 Fill Dirt	50 / 50 Mix	Discount Rock & Sand	T. Cherrix / R. Dumaop	14 Loads/200 tons
Certified Clean DOT Crushed Limerock (Road Base)	DOT CR Rock	Metro Trucking	T. Cherrix / R. Dumaop	6 Loads / 120 tons
Certified Clean Common Fill Lime Rock	Common fill Lime Rock	Discount Rock & Sand	T. Cherrix / R. Dumaop	2 Load / 40 tons

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Site Pick up Truck (POV)	F-350 PU Truck	T. Cherrix	10	1	0
Rental SUV	Nissan Pathfinder	R. Dumaop	10	1	0
2000 Gallon Water Truck	Ford / F750	M. Rogers	10	1	0
25 KW Generator	Hertz	T Cherrix	10	0	0
Front-End Wheel Loader	John Deere / 544K	L. Somuk	**08**	2	0
Drum Roller 50-56"	Bomag / BW145D-3	M. Rogers	4	6	0
Dozer	John Deere / 450J-LGP	M. Jayroe	05	05	0
Excavator	John Deere / 135D RTS	M. Jayroe	10	0	0
Office / Storage Combo Container	Mobile Mini Rental	N/A	10	0	0
Skid Steer Track	Takeuchi / TL130R	L. Somuk	5	5	0

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:** Many old and existing utilities. Asphalt outside the Access road remains an averaging 1-5 inches. Much has grass on surface assumed for estimate was non asphalt areas. Very difficult to break up and separate from soils the thin areas.

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Tom Cherrix		01-26-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 01-26-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 024
PROJECT NO: 395475 / 1982	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Tom Cherrix	Excavation various grids & Backfill	AGVIQ	No	No	Superintendent	10
Nicole Monroe	Safety- Excavation grids & Backfill	CH2M HILL	Yes	No	SSHS	10
Randy Dumaop	QC -Excavation grids & Backfill	AGVIQ	No	No	QC Manager	10
Luke Garcia Somuk	Excavation various grids & Backfill	AGVIQ	No	No	Operator	10
Mike Jayroe	Excavation various grids & Backfill	AGVIQ	No	No	Operator	10
Monica Rogers	Excavation various grids & Backfill	AGVIQ	Yes	Yes	Labor-Operator	10

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

01-26-12

SUPERINTENDENT'S SIGNATURE | DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 1-27-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 25
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix		Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX TEMP: 87 F	MIN TEMP: 77 F

SUMMARY OF WORK PERFORMED TODAY

Crew met on site at 07:00. A pre-task safety plan was reviewed and signed. Detour removed- new asphalt road is in place. Received (0) loads of 50-50 mix / 9 Loads of common fill lime rock. (6) Non Haz shipped today. Removed asphalt in various areas for the 6" removal. Loaded and backhauled Asphalt (2 loads) & (1) Concrete to Discount Rock & Sand for recycling. Subcontractor for City paving (DN Higgins) on site completed asphalt restoration. Excavated in Grid J-4 & 5 and part of I-5 required 6". Backfilled and dressed up grids A/B-1 & 2 partial Grids and C/D- 1&2. Changed bucket and excavated and stockpiled 6" PCB grids. Will complete excavating of 4' area tomorrow pending weather. Need to move to get to the 2' Non Haz. Pile was covered with 10 mil poly (x2) and sand bagged.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No	
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No	
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No	
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No	

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	11
AGVIQ On-Site Hours	55
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	66
Cumulative Total of Work Hours From Previous Report	581
Total Work Hours From Start of Construction	647

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
Certified Clean 50-50 Fill Dirt	50 / 50 Mix	Discount Rock & Sand	T. Cherrix / R. Dumaop	0 Loads/ 0 tons
Certified Clean Common Fill Lime Rock	Common fill Lime Rock	Discount Rock & Sand	T. Cherrix / R. Dumaop	9 Load / 180 tons

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Site Pick up Truck (POV)	F-350 PU Truck	T. Cherrix	11	0	0
Rental SUV	Nissan Pathfinder	R. Dumaop	11	0	0
2000 Gallon Water Truck	Ford / F750	M. Rogers	7	4	0
25 KW Generator	Hertz	T Cherrix	11	0	0
Front-End Wheel Loader	John Deere / 544K	L. Somuk	7	4	0
Dozer	John Deere / 450J-LGP	M. Jayroe	4	7	0
Excavator	John Deere / 135D RTS	M. Jayroe	11	0	0
Office / Storage Combo Container	Mobile Mini Rental	N/A	11	0	0
Skid Steer Track	Takeuchi / TL130R	L. Somuk	8	3	0

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:** Continue exposing many old utilities. Asphalt outside the Access road remains an averaging 1-5 inches. Lots of large concrete in PCB soils excavation area.

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Tom Cherrix		01-27-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 01-27-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 025
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Tom Cherrix	Excavation various grids & Backfill	AGVIQ	No	No	Superintendent	11
Nicole Monroe	Safety- Excavation grids & Backfill	CH2M Hill	Yes	No	SSHS	11
Randy Dumaop	QC -Excavation grids & Backfill	AGVIQ	No	No	QC Manager	11
Luke Garcia Somuk	Excavation various grids & Backfill	AGVIQ	No	No	Operator	11
Mike Jayroe	Excavation various grids & Backfill	AGVIQ	No	No	Operator	11
Monica Rogers	Excavation various grids & Backfill	AGVIQ	Yes	Yes	Labor-Operator	11

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *66*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

01-27-12

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 1-28-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 26
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix		Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX TEMP: 87 F	MIN TEMP: 77 F

SUMMARY OF WORK PERFORMED TODAY

Crew met on site at 08:00. A pre-task safety plan was reviewed and signed. Removed asphalt in various areas for the 6". Continued backfilling and dressing up Grids A/B-1 & 2 Grids and C/D- 1&2. Completed excavation and stockpiled 6" PCB grids and the 4' areas. Pile was covered with 10 mil poly and secured with sand bags, rope, and clean soil pending approval to ship.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	5
AGVIQ On-Site Hours	25
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	30
Cumulative Total of Work Hours From Previous Report	647
Total Work Hours From Start of Construction	677

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
Certified Clean 50-50 Fill Dirt	50 / 50 Mix	Discount Rock & Sand	T. Cherrix / R. Dumaop	0 Loads/ 0 tons
Certified Clean Common Fill Lime Rock	Common fill Lime Rock	Discount Rock & Sand	T. Cherrix / R. Dumaop	0 Load / 0 tons

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Site Pick up Truck (POV)	F-350 PU Truck	T. Cherrix	5	0	N/A
Rental SUV	Nissan Pathfinder	R. Dumaop	5	0	N/A
2000 Gallon Water Truck	Ford / F750	M. Rogers	5	0	N/A
25 KW Generator	Hertz	T Cherrix	5	0	N/A
Front-End Wheel Loader	John Deere / 544K	L. Somuk	**5**	0	N/A
Dozer	John Deere / 450J-LGP	M. Jayroe	0	5	N/A
Excavator	John Deere / 135D RTS	M. Jayroe	5	0	N/A
Office / Storage Combo Container	Mobile Mini Rental	N/A			N/A
Skid Steer Track	Takeuchi / TL130R	L. Somuk	2	3	N/A

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:** Continue exposing many old utilities. Asphalt outside the Access road remains an averaging 1-5 inches. Lots of large concrete in PCB soils excavation area.

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Tom Cherrix		01-28-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 01-28-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 026
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Tom Cherrix	Excavation various grids & Backfill	AGVIQ	No	No	Superintendent	5
Nicole Monroe	Safety- Excavation grids & Backfill	CH2M HILL	Yes	No	SSHS	5
Randy Dumaop	QC -Excavation grids & Backfill	AGVIQ	No	No	QC Manager	5
Luke Garcia Somuk	Excavation various grids & Backfill	AGVIQ	No	No	Operator	5
Mike Jayroe	Excavation various grids & Backfill	AGVIQ	No	No	Operator	5
Monica Rogers	Excavation various grids & Backfill	AGVIQ	Yes	Yes	Labor-Operator	5

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *30*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

01-28-12

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 1-29-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 27
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix		Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX TEMP: 87 F	MIN TEMP: 77 F

SUMMARY OF WORK PERFORMED TODAY

NO WORK THIS DAY

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☐ Yes	☒ No	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No	
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No	
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No	
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No	

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	0
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	0
Cumulative Total of Work Hours From Previous Report	677
Total Work Hours From Start of Construction	677

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
Certified Clean 50-50 Fill Dirt	50 / 50 Mix	Discount Rock & Sand	T. Cherrix / R. Dumaop	0 Loads/ 0 tons
Certified Clean Common Fill Lime Rock	Common fill Lime Rock	Discount Rock & Sand	T. Cherrix / R. Dumaop	0 Load / 0 tons

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Site Pick up Truck (POV)	F-350 PU Truck	T. Cherrix	0	0	N/A
Rental SUV	Nissan Pathfinder	R. Dumaop	0	0	N/A
2000 Gallon Water Truck	Ford / F750	M. Rogers	0	0	N/A
25 KW Generator	Hertz	T Cherrix	0	0	N/A
Front-End Wheel Loader	John Deere / 544K	L. Somuk	**0**	0	N/A
Dozer	John Deere / 450J-LGP	M. Jayroe	0	0	N/A
Excavator	John Deere / 135D RTS	M. Jayroe	0	0	N/A
Office / Storage Combo Container	Mobile Mini Rental	N/A	0	0	N/A
Skid Steer Track	Takeuchi / TL130R	L. Somuk	0	0	N/A

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:** Continue exposing many old utilities. Asphalt outside the Access road remains an averaging 1-5 inches. Lots of large concrete in PCB soils excavation area.

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Tom Cherrix		01-29-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 01-29-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 027
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

01-29-12

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 1-30-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 28
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix		Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX TEMP: 87 F	MIN TEMP: 77 F

SUMMARY OF WORK PERFORMED TODAY

Crew met on site at 08:00. A pre-task safety plan was reviewed and signed. Received (0) loads of 50-50 mix / 13 Loads of common fill lime rock. (20) Non Haz shipped today. Removed asphalt in various areas for the 6" removal. Loaded and backhauled asphalt (0 loads) & (0) Concrete to Discount Rock & Sand for recycling. Excavated and shipped Grids H-I-J/3-4-5 and part of I-5 &/ C-D -4-5 @ required 6". Backfilled and dressed up parts of Grids H-I-J/3-4-5 & A-B-C-D/3-4-5.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No	
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No	
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No	
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No	

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	10
AGVIQ On-Site Hours	50
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	60
Cumulative Total of Work Hours From Previous Report	677
Total Work Hours From Start of Construction	737

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
Certified Clean 50-50 Fill Dirt	50 / 50 Mix	Discount Rock & Sand	T. Cherrix / R. Dumaop	0 Loads/ 0 tons
Certified Clean Common Fill Lime Rock	Common fill Lime Rock	Discount Rock & Sand	T. Cherrix / R. Dumaop	13 Load 260 tons

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Site Pick up Truck (POV)	F-350 PU Truck	T. Cherrix	10	0	N/A
Rental SUV	Nissan Pathfinder	R. Dumaop	10	0	N/A
2000 Gallon Water Truck	Ford / F750	M. Rogers	10	0	N/A
25 KW Generator	Hertz	T Cherrix	10	0	N/A
Front-End Wheel Loader	John Deere / 544K	L. Somuk	**2**	8	8
Dozer	John Deere / 450J-LGP	M. Jayroe	5	5	N/A
Excavator	John Deere / 135D RTS	M. Jayroe	10	0	N/A
Office / Storage Combo Container	Mobile Mini Rental	N/A	0	0	N/A
Skid Steer Track	Takeuchi / TL130R	L. Somuk	5	5	N/A

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:** Continue exposing many old utilities. Lots of concrete in areas worked today… footers old foundations. Got piece of Rebar in tire wall of Loader..Unforeseen with amount of debris.

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Tom Cherrix		01-30-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 01-30-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 028
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Tom Cherrix	Excavation various grids & Backfill	AGVIQ	No	No	Superintendent	10
Nicole Monroe	Safety- Excavation grids & Backfill	CH2M Hill	Yes	No	SSHS	10
Randy Dumaop	QC -Excavation grids & Backfill	AGVIQ	No	No	QC Manager	10
Luke Garcia Somuk	Excavation various grids & Backfill	AGVIQ	No	No	Operator	10
Mike Jayroe	Excavation various grids & Backfill	AGVIQ	No	No	Operator	10
Monica Rogers	Excavation various grids & Backfill	AGVIQ	Yes	Yes	Labor-Operator	10

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

01-30-12

SUPERINTENDENT'S SIGNATURE — DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 2-2-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 31
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix		Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX TEMP: 87 F	MIN TEMP: 77 F

SUMMARY OF WORK PERFORMED TODAY

Crew met on site at 07:00. A pre-task safety plan was reviewed and signed. Received (10) loads of 50-50 mix / (7) Loads of common fill lime rock. (12) Non Haz shipped today. Loaded and backhauled asphalt (0) loads & (0) Concrete to Discount Rock & Sand for recycling. Excavated and shipped portions of Grids D thru J / 1 and partial of E-F-I-J-H / 2 Continue to Backfilled, grade and Stockpiled in Grids mentioned less final grading. Came across unmarked 2" PVC line. Hand dug until Doug Bradshaw confirmed not in service. Also 2 manholes below grade out of service and filled. Several still on site that was at Grade we did not abandon. Doug also just had us cap the 1" water line on the north side of the access road. Prior to backfill line was marked with blue and yellow tape.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)

CH2MHILL On-Site Hours	11
AGVIQ On-Site Hours	44
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	55
Cumulative Total of Work Hours From Previous Report	853
Total Work Hours From Start of Construction	908

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
Certified Clean 50-50 Fill Dirt	50 / 50 Mix	Discount Rock & Sand	T. Cherrix / R. Dumaop	10Loads/ 200 tons
Certified Clean Common Fill Lime Rock	Common fill Lime Rock	Discount Rock & Sand	T. Cherrix / R. Dumaop	7 Load 140 tons

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Site Pick up Truck (POV)	F-350 PU Truck	T. Cherrix	10	1	N/A
Rental SUV	Nissan Pathfinder	R. Dumaop	10	1	N/A
2000 Gallon Water Truck	Ford / F750	T.Cherrix	10	1	N/A
25 KW Generator	Hertz	T Cherrix	10	1	N/A
Front-End Wheel Loader	John Deere / 544K	L. Somuk	10	1	3
Dozer	John Deere / 450J-LGP	M. Jayroe	5	6	N/A
Excavator	John Deere / 135D RTS	M. Jayroe	10	0	N/A
Office / Storage Combo Container	Mobile Mini Rental	N/A	0	0	N/A
Skid Steer Track	Takeuchi / TL130R	L. Somuk	5	6	N/A

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Tom Cherrix		02-2-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 02-02-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 031
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Tom Cherrix	Excavation various grids & Backfill	AGVIQ	No	No	Superintendent	11
Nicole Monroe	Safety- Excavation grids & Backfill	CH2M Hill	Yes	No	SSHS	11
Randy Dumaop	QC -Excavation grids & Backfill	AGVIQ	No	No	QC Manager	11
Luke Garcia Somuk	Excavation various grids & Backfill	AGVIQ	No	No	Operator	11
Mike Jayroe	Excavation various grids & Backfill	AGVIQ	No	No	Operator	11

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

02-2-12

SUPERINTENDENT'S SIGNATURE | DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 2-3-12 REVISION NO: REVISION DATE:

CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 32
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix		Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX TEMP: 87 F	MIN TEMP: 77 F

SUMMARY OF WORK PERFORMED TODAY

Crew met on site at 07:00. A pre-task safety plan was reviewed and signed. Received (4) loads of 50-50 mix / (13) Loads of common fill lime rock. (24) Non Haz shipped today. Loaded and backhauled asphalt (0) loads & (0) Concrete to Discount Rock & Sand for recycling. Excavated and shipped Grids I-J/1, G/3 Have 4 loads for final Non Haz scheduled Monday 6th. Continued to backfill and grade using both fill types. Balance of fill will be the 50/50 mix to grade. Took elevation shots over entire site. From access road to north side of site we are using a 3" fall over a 250' length. Initial elevations were noted prior to excavation activities and were up and down by several tenths to 3-5" due to existing concrete, asphalt, manholes, water wells etc… these areas were shot and balanced with proper fall as best possible for appropriate drainage. Installed silt fence posts along the south side of site (access road and security area). Spoke with Craig Hollowingsworth KW ECO Sanctuary for permission to have water line across driveway for Hydro seed activities. He had no concerns. Crew downsizing as of Saturday the 4th, Randy Dumaop will assume responsibilities as Site Manager and QC starting Monday Feb 6th.

Schedule for balance of site activities.

Saturday: Complete installation of silt fence and grading stockpiled 50/50 mix.

Monday 3-13: Load last 4 Non haz shipments / Continue final grading of site with 50/50 mix

Tuesday 3-14: Ship Haz Soils off site / Decon and collect wipe sample of excavator bucket / Continue with final grading of site: Hydro seed sub to be onsite for walk & scheduling

Wednesday 3-15: Continue (if needed) to final grade site. All equipment off rent and being picked up today thru Friday.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No	
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No	
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No	
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No	

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	10
AGVIQ On-Site Hours	40
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	50
Cumulative Total of Work Hours From Previous Report	908
Total Work Hours From Start of Construction	958

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
Certified Clean 50-50 Fill Dirt	50 / 50 Mix	Discount Rock & Sand	T. Cherrix / R. Dumaop	4 Loads/ 100 tons
Certified Clean Common Fill Lime Rock	Common fill Lime Rock	Discount Rock & Sand	T. Cherrix / R. Dumaop	13 Load 260 tons

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Site Pick up Truck (POV)	F-350 PU Truck	T. Cherrix	10	0	N/A
Rental SUV	Nissan Pathfinder	R. Dumaop	10	0	N/A
2000 Gallon Water Truck	Ford / F750	T. Cherrix	10	0	N/A
25 KW Generator	Hertz	T. Cherrix	10	0	N/A
Front-End Wheel Loader	John Deere / 544K	L. Somuk	10	0	3
Dozer	John Deere / 450J-LGP	M. Jayroe	5	5	N/A
Excavator	John Deere / 135D RTS	M. Jayroe	10	0	N/A
Office / Storage Combo Container	Mobile Mini Rental	N/A	0	0	N/A
Skid Steer Track	Takeuchi / TL130R	L. Somuk	5	5	N/A

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Tom Cherrix 02-3-12

SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

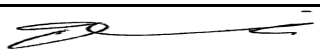
AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 02-03-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 032
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Tom Cherrix	Excavation various grids & Backfill	AGVIQ	No	No	Superintendent	10
Nicole Monroe	Safety- Excavation grids & Backfill	CH2M Hill	Yes	No	SSHS	10
Randy Dumaop	QC -Excavation grids & Backfill	AGVIQ	No	No	QC Manager	10
Luke Garcia Somuk	Excavation various grids & Backfill	AGVIQ	No	No	Operator	10
Mike Jayroe	Excavation various grids & Backfill	AGVIQ	No	No	Operator	10

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *50*

SAFETY REQUIREMENTS HAVE BEEN MET ☒



02-3-12

SUPERINTENDENT'S SIGNATURE | DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 2-4-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 33
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix		Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX TEMP: 87 F	MIN TEMP: 77 F

SUMMARY OF WORK PERFORMED TODAY

Crew met on site at 08:00. A pre-task safety plan was reviewed and signed. Received (5) loads of 50-50 mix / (0) Loads of common fill lime rock. (0) Non Haz shipped today. Loaded and backhauled asphalt (0) loads & (0) Concrete to Discount Rock & Sand for recycling. Installing silt fence fabric on post installed yesterday. Continued to backfill and grade site as 50/50 is delivered.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)

CH2MHILL On-Site Hours	0
AGVIQ On-Site Hours	24
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	24
Cumulative Total of Work Hours From Previous Report	958
Total Work Hours From Start of Construction	982

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
Certified Clean 50-50 Fill Dirt	50 / 50 Mix	Discount Rock & Sand	T. Cherrix / R. Dumaop	5 Loads/ 100tons
Certified Clean Common Fill Lime Rock	Common fill Lime Rock	Discount Rock & Sand	T. Cherrix / R. Dumaop	0 Load 0 tons

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Site Pick up Truck (POV)	F-350 PU Truck	T. Cherrix	8	0	N/A
Rental SUV	Nissan Pathfinder	R. Dumaop	8	0	N/A
2000 Gallon Water Truck	Ford / F750	T.Cherrix	2	6	N/A
25 KW Generator	Hertz	T Cherrix	8	0	N/A
Front-End Wheel Loader	John Deere / 544K	L. Somuk	1	7	3
Dozer	John Deere / 450J-LGP	M. Jayroe	3	5	N/A
Excavator	John Deere / 135D RTS	M. Jayroe	0	8	N/A
Office / Storage Combo Container	Mobile Mini Rental	N/A	0	0	N/A
Skid Steer Track	Takeuchi / TL130R	L. Somuk	3	5	N/A

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Tom Cherrix		02-4-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 02-04-12 REVISION NO: 0 REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 033
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Tom Cherrix	Excavation various grids & Backfill	AGVIQ	No	No	Superintendent	8
Luke Garcia Somuk	Excavation various grids & Backfill	AGVIQ	No	No	Operator	8
Mike Jayroe	Excavation various grids & Backfill	AGVIQ	No	No	Operator	8

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *24*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

02-4-12

SUPERINTENDENT'S SIGNATURE | DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 02-05-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 34
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix		Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX TEMP: 87 F	MIN TEMP: 77 F

SUMMARY OF WORK PERFORMED TODAY

NO WORK THIS DAY

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☐ Yes	☒ No	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No	
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No	
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No	
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No	

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	0
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	0
Cumulative Total of Work Hours From Previous Report	982
Total Work Hours From Start of Construction	982

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**: NONE**

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☐

Tom Cherrix		02-05-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 02-05-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 034
PROJECT NO: 1982-395479	SUPERINTENDENT: Tom Cherrix	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

02-05-12

SUPERINTENDENT'S SIGNATURE | DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 02-06-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 035
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe		Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX TEMP: 87 F	MIN TEMP: 77 F

SUMMARY OF WORK PERFORMED TODAY

Crew met on site at 12:30 (noon). A pre-task safety plan was reviewed and signed. Received (20) loads of 50-50 mix / (0) Loads of common fill lime rock. (0) Non Haz shipped today. Backfilled along access road and shoulder of road. Continue to backfill and grade site as 50/50 is delivered.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	8
AGVIQ On-Site Hours	11
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	19
Cumulative Total of Work Hours From Previous Report	982
Total Work Hours From Start of Construction	1001

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
Certified Clean 50-50 Fill Dirt	50 / 50 Mix	Discount Rock & Sand	N. Monroe / R. Dumaop	20 Loads/ 400 tons

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Rental SUV	Nissan Pathfinder	R. Dumaop	0	0	N/A
2000 Gallon Water Truck	Ford / F750	L. Somuk	2	3.5	N/A
25 KW Generator	Hertz	L. Somuk	8	0	N/A
Front-End Wheel Loader	John Deere / 544K	L. Somuk	5.5	0	3
Dozer	John Deere / 450J-LGP	M. Jayroe	5.5	0	N/A
Excavator	John Deere / 135D RTS	M. Jayroe	0	5.5	N/A
Office / Storage Combo Container	Mobile Mini Rental	N/A	8	0	N/A
Skid Steer Track	Takeuchi / TL130R	L. Somuk	3.5	2	N/A

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Nikki Monroe	*N. Monroe*	02-06-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 02-06-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 035
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nicole Monroe	Safety- Excavation grids & Backfill	CH2M Hill	Yes	No	SSHS	8
Luke Garcia Somuk	Excavation various grids & Backfill	AGVIQ	No	No	Operator	5.5
Mike Jayroe	Excavation various grids & Backfill	AGVIQ	No	No	Operator	5.5

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *19*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

N. Monroe

SUPERINTENDENT'S SIGNATURE

02-06-12

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 02-07-12 REVISION NO: REVISION DATE:

CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 036
PROJECT NO: 395475 / 1982	SUPERINTENDENT: Randy Dumaop		Site H&S Specialist: Nicole Monroe
AM WEATHER: Cloudy / Lt. Rain	PM WEATHER: Sunny	MAX TEMP: 79 F	MIN TEMP: 68 F

SUMMARY OF WORK PERFORMED TODAY

Crew met on site at 07:00. A pre-task safety plan was reviewed and signed. Completed excavating non-hazardous contaminated soil 6-inches bls from within Grids F-3, F-4, G-3, and G-4. Excavated soil was loaded into haul trucks for T&D. Received 12 loads of 50/50 backfill mix (approx. 216 CYs / 240 Tons) from Discount Rock & Sand in Marathon, FL. Continued excavating PCB >50 PPM contaminated soil 6-inches bls within Grids C-3/D-3 and loading into haul truck for disposal. Continued backfilling excavated areas in 6" – 8" lifts and compacting with heavy equipment. (4) Loads of Non Haz shipped and (9) loads of Hazardous Waste Soil shipped today. Continued backfilling along access road and shoulder of road. Continued to backfill and grade site as 50/50 is delivered.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No	
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No	
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No	
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No	

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	11
AGVIQ On-Site Hours	33
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	44
Cumulative Total of Work Hours From Previous Report	1001
Total Work Hours From Start of Construction	1045

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
Certified Clean 50-50 Fill Dirt	50 / 50 Mix	Discount Rock & Sand	T. Cherrix / R. Dumaop	12 Loads/ 240 tons

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Rental SUV	Nissan Pathfinder	R. Dumaop	11	0	0
2000 Gallon Water Truck	Ford / F750	L. Somuk	8	3	0
25 KW Generator	Hertz	R. Dumaop	11	0	0
Front-End Wheel Loader	John Deere / 544K	L. Somuk	8	3	0
Dozer	John Deere / 450J-LGP	M. Jayroe	8	3	0
Excavator	John Deere / 135D RTS	M. Jayroe	8	3	0
Office / Storage Combo Container	Mobile Mini Rental	N/A	11	0	0
Skid Steer Track	Takeuchi / TL130R	L. Somuk	8	3	0

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**

VISITORS TO THE SITE: Vincent Sucameli (NAVFAC)

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Randy Dumaop		02-07-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 02-07-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO.: 036
PROJECT NO: 395475 / 1982	SUPERINTENDENT: Randy Dumaop	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nicole Monroe	Safety- Excavation grids, T&D, and Backfill	CH2M HILL	Yes	No	SSHS	11
Randy Dumaop	QC - Excavation grids, T&D, and Backfill	AGVIQ	No	No	QC Manager	11
Luke Garcia Somuk	Excavation grids, T&D, and Backfill	AGVIQ	No	No	Operator	11
Mike Jayroe	Excavation grids, T&D, and Backfill	AGVIQ	No	No	Operator	11

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *44*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

02-07-12

SUPERINTENDENT'S SIGNATURE | DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 02-08-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 037
PROJECT NO: 1982-395479	SUPERINTENDENT: Randy Dumaop		Site H&S Specialist: Nicole Monroe
AM WEATHER: Cloudy	PM WEATHER: Cloudy	MAX TEMP: 73 F	MIN TEMP: 69 F

SUMMARY OF WORK PERFORMED TODAY

Crew met on site at 07:00. A pre-task safety plan was reviewed and signed. 8 loads of 50/50 backfill mix (approx. 144 CYs / 160 Tons) from Discount Rock & Sand in Marathon, FL. Continued backfilling excavated areas in ~6" lifts and compacting with heavy equipment. Completed backfilling along access road and shoulder of road. Continued to backfill and grade site as 50/50 is delivered. Completed silt fence installation along the north side of Angela St. Discount Rock & Sand hauled off approx. 1 cubic yard of construction debris for disposal. United Rentals picked up the drum roller and excavator bucket.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)

CH2MHILL On-Site Hours	10.5
AGVIQ On-Site Hours	31.5
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	42
Cumulative Total of Work Hours From Previous Report	1045
Total Work Hours From Start of Construction	1087

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
Certified Clean 50-50 Fill Dirt	50 / 50 Mix	Discount Rock & Sand	R. Dumaop	8 Loads/ 160 tons

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Rental SUV	Nissan Pathfinder	R. Dumaop	10.5	0	0
2000 Gallon Water Truck	Ford / F750	L. Somuk	8.5	2	0
25 KW Generator	Hertz	R. Dumaop	10.5	0	0
Front-End Wheel Loader	John Deere / 544K	L. Somuk	8.5	2	0
Dozer	John Deere / 450J-LGP	M. Jayroe	8.5	2	0
Excavator	John Deere / 135D RTS	M. Jayroe	8.5	2	0
Office / Storage Combo Container	Mobile Mini Rental	N/A	10.5	0	0
Skid Steer Track	Takeuchi / TL130R	L. Somuk	8.5	2	0

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**

VISITORS TO THE SITE: Vincent Sucameli (NAVFAC)

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Randy Dumaop		02-08-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 02-08-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO.: 037
PROJECT NO: 1982-395479	SUPERINTENDENT: Randy Dumaop	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nicole Monroe	Safety- Backfill and Site Restoration	CH2M HILL	Yes	No	SSHS	10.5
Randy Dumaop	QC - Backfill and Site Restoration	AGVIQ	No	No	QC Manager	10.5
Luke Garcia Somuk	Backfill and Site Restoration	AGVIQ	No	No	Operator	10.5
Mike Jayroe	Backfill and Site Restoration	AGVIQ	No	No	Operator	10.5

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *42*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

02-08-12

SUPERINTENDENT'S SIGNATURE | DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 02-09-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 038
PROJECT NO: 1982-395479	SUPERINTENDENT: Randy Dumaop		Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX TEMP: 79 F	MIN TEMP: 70 F

SUMMARY OF WORK PERFORMED TODAY

Crew met on site at 07:00. A pre-task safety plan was reviewed and signed. Completed excavating PCB >50 PPM contaminated soil 6-inches below surface within Grids C-2/D-2 and loading into haul truck for disposal. (3) Loads of Hazardous Waste Soil shipped today. (2) Loads (Roll-Offs) loaded and staged for pickup and transport tomorrow. Decontaminated and wipe sampled the excavator bucket; disconnected and staged until confirmation results received. Received 2 loads of 50/50 backfill mix (approx. 36 CYs / 40 Tons) from Discount Rock & Sand in Marathon, FL. Continued backfilling excavated areas in ~6" lifts and compacting with heavy equipment. Continued to backfill and grade site as 50/50 is delivered. Began dragging backfilled and graded areas with chain link fence in preparation for next week's hydro seeding. United Rentals picked up the front-end wheel loader.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No	
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No	
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No	
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No	

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)

CH2MHILL On-Site Hours	12
AGVIQ On-Site Hours	24
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	36
Cumulative Total of Work Hours From Previous Report	1087
Total Work Hours From Start of Construction	1123

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
Certified Clean 50-50 Fill Dirt	50 / 50 Mix	Discount Rock & Sand	R. Dumaop	2 Loads/ 40 tons

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Rental SUV	Nissan Pathfinder	R. Dumaop	12	0	0
2000 Gallon Water Truck	Ford / F750	L. Somuk	12	0	0
25 KW Generator	Hertz	R. Dumaop	12	0	0
Front-End Wheel Loader	John Deere / 544K	L. Somuk	0	0	0
Dozer	John Deere / 450J-LGP	M. Jayroe	12	0	0
Excavator	John Deere / 135D RTS	M. Jayroe	12	0	0
Office / Storage Combo Container	Mobile Mini Rental	N/A	12	0	0
Skid Steer Track	Takeuchi / TL130R	L. Somuk	12	0	0

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**

VISITORS TO THE SITE: Vincent Sucameli (NAVFAC)

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Randy Dumaop		02-09-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 02-09-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO.: 038
PROJECT NO: 1982-395479	SUPERINTENDENT: Randy Dumaop	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nicole Monroe	Safety- Backfill and Site Restoration	CH2M HILL	Yes	No	SSHS	12
Randy Dumaop	QC - Backfill and Site Restoration	AGVIQ	No	No	QC Manager	12
Mike Jayroe	Backfill and Site Restoration	AGVIQ	No	No	Operator	12

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *36*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

02-09-12

SUPERINTENDENT'S SIGNATURE | DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 02-10-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 039
PROJECT NO: 1982-395479	SUPERINTENDENT: Randy Dumaop		Site H&S Specialist: Nicole Monroe
AM WEATHER: Sunny	PM WEATHER: Sunny	MAX TEMP: 81 F	MIN TEMP: 71 F

SUMMARY OF WORK PERFORMED TODAY

Crew met on site at 07:00. A pre-task safety plan was reviewed and signed. (1) Load of Hazardous Waste Soil shipped today. (1) Load (Roll-Offs) remained staged for pickup and transport on Monday. Received 2 loads of 50/50 backfill mix (approx. 36 CYs / 40 Tons) from Discount Rock & Sand in Marathon, FL. Continued to backfill and grade site as 50/50 is delivered. Completed backfilling excavated areas in ~6" lifts and compacting with heavy equipment. Completed dragging backfilled and graded areas with chain link fence in preparation for next week's hydroseeding. United Rentals picked up the excavator and 1000 gallon diesel fuel tank.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No	
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No	
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No	
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No	

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)

CH2MHILL On-Site Hours	8
AGVIQ On-Site Hours	15
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	23
Cumulative Total of Work Hours From Previous Report	1123
Total Work Hours From Start of Construction	1146

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): **Pre-task safety plan was reviewed and signed.**

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
Certified Clean 50-50 Fill Dirt	50 / 50 Mix	Discount Rock & Sand	R. Dumaop	2 Loads/ 40 tons

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Rental SUV	Nissan Pathfinder	R. Dumaop	8	0	0
2000 Gallon Water Truck	Ford / F750	R. Dumaop	0	0	0
25 KW Generator	Hertz	R. Dumaop	3	4	0
Dozer	John Deere / 450J-LGP	M. Jayroe	5	2	0
Excavator	John Deere / 135D RTS	M. Jayroe	0	0	0
Office / Storage Combo Container	Mobile Mini Rental	N/A	5	2	0
Skid Steer Track	Takeuchi / TL130R	R. Dumaop	5	2	0

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.): R. Dumaop demobilized from Key West, FL to Homestead, FL to oversee SWS transfer operations of non-haz soil manifest load # 45632 into (2) roll-offs manifest #46819 and # 46820 which will be delivered to Cemex in Miami, FL on Monday the 13th for disposal.

VISITORS TO THE SITE: Vincent Sucameli (NAVFAC)

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Randy Dumaop		02-10-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 02-10-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO.: 039
PROJECT NO: 1982-395479	SUPERINTENDENT: Randy Dumaop	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nicole Monroe	Safety- Backfill and Site Restoration	CH2M HILL	Yes	No	SSHS	8
Randy Dumaop	QC – Backfill, Site Restoration, Demobilization	AGVIQ	No	No	QC Manager	8
Mike Jayroe	Backfill, Site Restoration, Demobilization	AGVIQ	No	No	Operator	7

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *23*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

02-10-12

SUPERINTENDENT'S SIGNATURE | DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 02-11-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 040
PROJECT NO: 1982-395479	SUPERINTENDENT: Randy Dumaop		Site H&S Specialist: Nicole Monroe
AM WEATHER:	PM WEATHER:	MAX TEMP: F	MIN TEMP: F

SUMMARY OF WORK PERFORMED TODAY

No work performed today.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☐ Yes	☒ No
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	0
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	0
Cumulative Total of Work Hours From Previous Report	1146
Total Work Hours From Start of Construction	1146

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted):

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:** R. Dumaop demobilized from Key West, FL to Homestead, FL to oversee SWS transfer operations of non-hazardous soil manifest load # 45632 into (2) roll-offs manifest #46819 and # 46820 which will be delivered to Cemex in Miami, FL on Monday the 13th for disposal.

VISITORS TO THE SITE: None

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Randy Dumaop		02-11-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 02-11-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO.: 040
PROJECT NO: 1982-395479	SUPERINTENDENT: Randy Dumaop	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

02-11-12

SUPERINTENDENT'S SIGNATURE | DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 02-12-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 041
PROJECT NO: 1982-395479	SUPERINTENDENT: Randy Dumaop		Site H&S Specialist: Nicole Monroe
AM WEATHER:	PM WEATHER:	MAX TEMP: F	MIN TEMP: F

SUMMARY OF WORK PERFORMED TODAY

No work performed today.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No	
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No	
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No	
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No	

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	0
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	0
Cumulative Total of Work Hours From Previous Report	1146
Total Work Hours From Start of Construction	1146

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted):

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:** R. Dumaop demobilized from Key West, FL to Homestead, FL to oversee SWS transfer operations of non-hazardous soil manifest load # 45632 into (2) roll-offs manifest #46819 and # 46820 which will be delivered to Cemex in Miami, FL on Monday the 13th for disposal.

VISITORS TO THE SITE: None

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Randy Dumaop		02-12-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

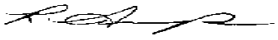
AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 02-12-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO.: 041
PROJECT NO: 1982-395479	SUPERINTENDENT: Randy Dumaop	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒



02-12-12

SUPERINTENDENT'S SIGNATURE | DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 02-13-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 042
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe		Site H&S Specialist: Nicole Monroe
AM WEATHER:	PM WEATHER:	MAX TEMP: 75 F	MIN TEMP: 54 F

SUMMARY OF WORK PERFORMED TODAY

CH2M HILL turned over the last roll-off of PCB soils to SWS (Navy signed the manifest), decontaminated the PCB excavator bucket, collected a wipe sample from the bucket and shipped to PEL for 24 hour TAT. Trash was disposed of into the dumpster on NASKW Truman Annex. Hydro seeding task will begin on Thursday, February 16.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☐ Yes	☒ No	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No	
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No	
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No	
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No	

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)

CH2MHILL On-Site Hours	6
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	6
Cumulative Total of Work Hours From Previous Report	1146
Total Work Hours From Start of Construction	1152

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted):

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:** R. Dumaop demobilized from Key West, FL to Homestead, FL to oversee SWS transfer operations of non-hazardous soil manifest load # 45632 into (2) roll-offs manifest #46819 and # 46820 which will be delivered to Cemex in Miami, FL on Monday the 13th for disposal.

VISITORS TO THE SITE: None

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Nicole Monroe		02-13-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

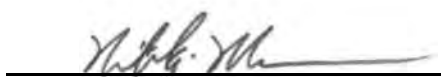
AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 02-13-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO.: 042
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nicole Monroe	T&D, Decon, sampling	CH2M HILL	Yes	No	SSHS	6

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *6*

SAFETY REQUIREMENTS HAVE BEEN MET ☒



SUPERINTENDENT'S SIGNATURE

02-13-12

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 02-16-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 043
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe		Site H&S Specialist: Nicole Monroe
AM WEATHER:	PM WEATHER:	MAX TEMP: 79F	MIN TEMP: 72 F

SUMMARY OF WORK PERFORMED TODAY

CH2M HILL oversaw the mobilization to site of Florida Hydroseeding and the partial installation of the temporary irrigation system. Florida Hydroseeding

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☐ Yes	☒ No	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No	
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No	
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No	
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No	

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	8
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	24
Total On-Site Hours This Date	32
Cumulative Total of Work Hours From Previous Report	1152
Total Work Hours From Start of Construction	1184

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted):

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
1" sch 40 PVC pipe	MCB	n/a	Brad Tanzer	900
2" sch 40 PVC pipe	MCB	n/a	Brad Tanzer	500
1.5" sch 40 PVC pipe	MCB	n/a	Brad Tanzer	250
Fittings	MCB	n/a	Brad Tanzer	55
Solenoids w/ control box	Hunter	1700	Brad Tanzer	6
Sprinklers	Hunter	Hydralift	Brad Tanzer	28
Support stands	Fabricated	n/a	Brad Tanzer	40
Sand/rock bags	Fabricated	n/a	Brad Tanzer	100

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
ATV cart	Yamaha Rhino	Brad Tanzer	6	0	0
Hand tools	Misc	Brad Tanzer	6	0	0

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**

VISITORS TO THE SITE: Mel Herlehy/FEAD

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Nicole Monroe		02-16-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 02-16-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO.: 043
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nicole Monroe	Oversight of irrigation installation	CH2M HILL	Yes	No	SSHS	8
Brad Tanzer	Hydroseeding Manager	Florida Hydroseed	No	No	Hydroseeding Manager	8
Donna	Labor	Florida Hydroseed	Yes	No	Labor	8
Leo	Labor	Florida Hydroseed	No	Yes	Labor	8

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *32*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

02-16-12

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 02-17-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 044
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe		Site H&S Specialist: Nicole Monroe
AM WEATHER:	PM WEATHER:	MAX TEMP: 81F	MIN TEMP: 73 F

SUMMARY OF WORK PERFORMED TODAY

CH2M HILL oversaw the partial installation of the temporary irrigation system and de-mobilization from site of Florida Hydroseeding. The additional drive-over ramp is being ordered and Florida Hydroseed will return to site next week to complete the irrigation system installation and to spray the hydroseed.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☐ Yes	☒ No
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	6
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	18
Total On-Site Hours This Date	24
Cumulative Total of Work Hours From Previous Report	1184
Total Work Hours From Start of Construction	1208

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted):

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
ATV cart	Yamaha Rhino	Brad Tanzer	6	0	0
Hand tools	Misc	Brad Tanzer	6	0	0

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Nicole Monroe		02-17-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 02-17-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO.: 044
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nicole Monroe	Oversight of irrigation installation	CH2M HILL	Yes	No	SSHS	6
Brad Tanzer	Hydroseeding	Florida Hydroseed	No	No	Hydroseeding Mgr	6
Donna	Labor	Florida Hydroseed	Yes	No	Labor	6
Leo	Labor	Florida Hydroseed	No	Yes	Labor	6

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *24*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

02-17-12

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 02-27-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 046
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe		Site H&S Specialist: Nicole Monroe
AM WEATHER:	PM WEATHER:	MAX TEMP: 81F	MIN TEMP: 73 F

SUMMARY OF WORK PERFORMED TODAY

CH2M HILL oversaw the completed installation of the temporary irrigation system, hydroseeding and de-mobilization from site by Florida Hydroseeding. The drive-over ramps and feeder piping were installed then the system flushed. 4 batches (1200 gals per batch) of hydroseed mixture were sprayed on to the site.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☐ Yes	☒ No	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No	
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No	
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No	
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No	

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	9
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	27
Total On-Site Hours This Date	36
Cumulative Total of Work Hours From Previous Report	1208
Total Work Hours From Start of Construction	1244

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted):

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
Modular drive-over ramps	2 Channel heavy Duty Cable Guard	n/a	Brad Tanzer	12
Hydroseeding trailer/tank	Finn T120 Hydroseeder	G0611/1959NACD	Brad Tanzer	1
Fertilizer	Diamond	50lb	Brad Tanzer	4
Bahia, Millet, Rye, Burmuda seed	Diamond	50lb	Brad Tanzer	16
Wood Fiber Mulch	Diamond	½ bushel, green	Brad Tanzer	12

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Hydroseeding trailer/tank	Finn T120 Hydroseeder	Brad Tanzer	3	0	0
Hand tools	Misc	Brad Tanzer	9	0	0

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Nicole Monroe		02-27-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 02-27-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO.: 046
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nicole Monroe	Oversight of irrigation installation	CH2M HILL	Yes	No	SSHS	9
Brad Tanzer	Hydroseeding	Florida Hydroseed	No	No	Hydroseeding Mgr	9
Donna	Labor	Florida Hydroseed	Yes	No	Labor	9
Leo	Labor	Florida Hydroseed	No	Yes	Labor	9

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *36*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

02-27-12

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 03-05-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 047
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe		Site H&S Specialist: Nicole Monroe
AM WEATHER:	PM WEATHER:	MAX TEMP: 82F	MIN TEMP: 73 F

SUMMARY OF WORK PERFORMED TODAY

CH2M HILL inspected/checked on the site. The temporary irrigation system is operational, hydroseeding remains in place. The drive-over ramps and feeder piping are functional and in good condition. There is minimal rye growth, 5% of site.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☐ Yes	☒ No
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)

CH2MHILL On-Site Hours	1
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	1
Cumulative Total of Work Hours From Previous Report	1244
Total Work Hours From Start of Construction	1245

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted):

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Nicole Monroe		03-05-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 03-05-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO.: 047
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nicole Monroe	Oversight of irrigation installation	CH2M HILL	Yes	No	SSHS	1

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *1*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

03-05-12

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 03-13-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 048
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe		Site H&S Specialist: Nicole Monroe
AM WEATHER:	PM WEATHER:	MAX TEMP: 80F	MIN TEMP: 71 F

SUMMARY OF WORK PERFORMED TODAY

CH2M HILL inspected/checked on the site. The temporary irrigation system is operational, hydroseeding remains in place. The drive-over ramps and feeder piping are functional and in good condition. There is 30% mixed growth on site, weeds are intruding.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)

CH2MHILL On-Site Hours	1
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	1
Cumulative Total of Work Hours From Previous Report	1245
Total Work Hours From Start of Construction	1246

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted):

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Nicole Monroe		03-13-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 03-13-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO.: 048
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nicole Monroe	Site inspection	CH2M HILL	Yes	No	SSHS	1

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *1*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

03-13-12

DATE

AGVIQ CH2M HILL Small Business RAC N62470-08-D-1006	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 03-21-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 049
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe		Site H&S Specialist: Nicole Monroe
AM WEATHER:	PM WEATHER:	MAX TEMP: 85F	MIN TEMP: 74 F

SUMMARY OF WORK PERFORMED TODAY

CH2M HILL inspected/checked on the site. The temporary irrigation system is operational, hydroseeding remains in place. The drive-over ramps and feeder piping are functional and in good condition. There is 45% mixed growth on site, weeds are intruding. Birds are eating the seed per port security. I re-tied a 50 foot section of silt fence that had drooped but had not lost containment.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☐ Yes	☒ No
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)

CH2MHILL On-Site Hours	1
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	1
Cumulative Total of Work Hours From Previous Report	1246
Total Work Hours From Start of Construction	1247

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted):

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Nicole Monroe		03-21-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 03-21-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO.: 049
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nicole Monroe	Site inspection	CH2M HILL	Yes	No	SSHS	1

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *1*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

03-21-12

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 03-29-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 050
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe		Site H&S Specialist: Nicole Monroe
AM WEATHER:	PM WEATHER:	MAX TEMP: 86F	MIN TEMP: 74 F

SUMMARY OF WORK PERFORMED TODAY

CH2M HILL inspected/checked on the site. The temporary irrigation system is operational, hydroseeding remains in place. The drive-over ramps and feeder piping are functional and in good condition. There is 60% mixed growth on site, weeds are intruding. Birds are eating the seed per port security. The silt fence is in good condition.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☐ Yes	☒ No
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	1
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	1
Cumulative Total of Work Hours From Previous Report	1247
Total Work Hours From Start of Construction	1248

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted):

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Nicole Monroe		03-29-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 03-29-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO.: 050
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nicole Monroe	Site inspection	CH2M HILL	Yes	No	SSHS	1

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *1*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

03-29-12

DATE

AGVIQ CH2M HILL Small Business RAC N62470-08-D-1006	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 04-18-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 051
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe		Site H&S Specialist: Nicole Monroe
AM WEATHER: Partly Cloudy	PM WEATHER:	MAX TEMP: 84F	MIN TEMP: 76 F

SUMMARY OF WORK PERFORMED TODAY

CH2M HILL met Robert Courtright at the site for the Navy's inspection of the vegetative growth. The temporary irrigation system is removed. The drive-over ramps and feeder piping are removed. There is total of 75% mixed growth on site, weeds are intruding, and approximately 10-15% of site coverage is asphalt or concrete. The silt fence remains and is in good condition and the site growth has been approved by the Navy. The silt fence will be scheduled for removal.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☐ Yes	☒ No
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	1
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	1
Cumulative Total of Work Hours From Previous Report	1248
Total Work Hours From Start of Construction	1249

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted):

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Nicole Monroe		04-18-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 04-18-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO.: 051
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nicole Monroe	Site inspection	CH2M HILL	Yes	No	SSHS	1

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *1*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

04-18-12

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 05-17-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 052
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe		Site H&S Specialist: Nicole Monroe
AM WEATHER: Rain	PM WEATHER: Rain and T-Storms	MAX TEMP: 82F	MIN TEMP: 74 F

SUMMARY OF WORK PERFORMED TODAY

CH2M HILL began manual removal of the silt fence and anchor posts. Approximately half of the silt fence and posts were removed from the perimeter of the site. Work will continue tomorrow.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☐ Yes	☒ No
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)

CH2MHILL On-Site Hours	8
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	8
Cumulative Total of Work Hours From Previous Report	1249
Total Work Hours From Start of Construction	1257

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted):

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**: T-storms created 2 stand downs and ended the work for the day at 16:15.**

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Nicole Monroe		05-17-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 05-17-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO.: 052
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nicole Monroe	Silt Fence Removal	CH2M HILL	Yes	No	SSHS	8

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *8*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

05-17-12

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 05-18-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 053
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe		Site H&S Specialist: Nicole Monroe
AM WEATHER: Rain	PM WEATHER: Scattered Storms	MAX TEMP: 85F	MIN TEMP: 73 F

SUMMARY OF WORK PERFORMED TODAY

CH2M HILL continued manual removal of the silt fence and anchor posts. The remaining posts were removed and the site is fully accessible. Approximately 200 feet of fence material remains along the western perimeter due to weather. The remainder of the fence material will be removed on Monday.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☐ Yes	☒ No
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	6
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	6
Cumulative Total of Work Hours From Previous Report	1257
Total Work Hours From Start of Construction	1263

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted):

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**: T-storms created 1 stand down and ended the work for the day at 15:00.**

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Nicole Monroe		05-18-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 05-18-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO.: 053
PROJECT NO: 395475 / 1982	SUPERINTENDENT: Nicole Monroe	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nicole Monroe	Silt fence removal	CH2M HILL	Yes	No	SSHS	6

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE: *6*

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

05-18-12

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 05-21-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida		REPORT NO.: 054
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe		Site H&S Specialist: Nicole Monroe
AM WEATHER: Drizzle	PM WEATHER: N/A	MAX TEMP: 87F	MIN TEMP: 76 F

SUMMARY OF WORK PERFORMED TODAY

CH2M HILL completed the removal of the remaining silt fence. The posts and fence material are stacked onsite. The material will be disposed of and the posts will be stored for use on a future project or disposed of.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☐ Yes	☒ No	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No	
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No	
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No	
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No	

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	3
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	3
Cumulative Total of Work Hours From Previous Report	1263
Total Work Hours From Start of Construction	1266

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted):

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:**

VISITORS TO THE SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Nicole Monroe		05-21-12
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 05-21-12 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO.: 054
PROJECT NO: 1982-395479	SUPERINTENDENT: Nicole Monroe	Site H&S Specialist: Nicole Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nicole Monroe	Silt Fence Removal	CH2M HILL	Yes	No	SSHS	3

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

05-18-12

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 08/12/2013 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL		REPORT NO.: 055
PROJECT NO: 395475 / 1982	SUPERINTENDENT: Nikki Monroe		H&S Specialist: Nikki Monroe
AM WEATHER: Clear, humid	PM WEATHER: Clear, humid	MAX TEMP: 90 F	MIN TEMP: 80 F

SUMMARY OF WORK PERFORMED TODAY

Marked 5 proposed monitoring well locations and conducted third-party utility locate services for a 20-foot radius around each well location.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	2
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	2
Total On-Site Hours This Date	4
Cumulative Total of Work Hours From Previous Report	1408
Total Work Hours From Start of Construction	1412

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): Reviewed H&S Plan. Reviewed AHA.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
None				

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
None					

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:** None.

VISITORS TO THE SITE: None.

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Nikki Monroe		08-12-2013
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 08/12/2013 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL	REPORT NO.: 055
PROJECT NO: 395475 / 1982	SUPERINTENDENT: Nikki Monroe	Site H&S Specialist: Nikki Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nikki Monroe	Superintendent/QC Manager/H&S Specialist	CH2M HILL	Yes	No	SSHS	2
Bud Connor	Utility locate	Geotek	No	No	Utility Locator	2

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

08-12-2013

DATE

Small Business RAC N62470-08-D-1006	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 08/20/2013 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL	REPORT NO.: 056
PROJECT NO: 395475 / 1982	SUPERINTENDENT: Nikki Monroe	H&S Specialist: Nikki Monroe
AM WEATHER: Partly cloudy, humid	PM WEATHER: Thunderstorms / MAX TEMP: 90 F	MIN TEMP: 80 F

SUMMARY OF WORK PERFORMED TODAY

CH2M HILL and Partridge Drilling mobilized to the site for well installation. Set up staging area and decontamination area. Reviewed site documents.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No	
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No	
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No	
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No	

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)

CH2MHILL On-Site Hours	18
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	18
Total On-Site Hours This Date	36
Cumulative Total of Work Hours From Previous Report	1412
Total Work Hours From Start of Construction	1448

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): Reviewed H&S Plan. Reviewed AHA. Conducted equipment inspections.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
Drill rig	Geoprobe 6610DT	n/a	M. Nicholson	1

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Drill rig	Geoprobe 6610DT	M. Nicholson	0	9	0

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:** Weather delay for 5 hours. Partridge base pass delay for 2 hours.

VISITORS TO THE SITE: None.

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Nikki Monroe		08-20-2013
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 08/20/2013 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL	REPORT NO.: 056
PROJECT NO: 395475 / 1982	SUPERINTENDENT: Nikki Monroe	Site H&S Specialist: Nikki Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nikki Monroe	Superintendent/H&S Specialist	CH2M HILL	Yes	No	SSHS	9
John Towns	QC Manager	CH2M HILL	No	No	Geologist	9
Mike Nicholson	Drilling	Partridge Drilling	No	No	Driller	9
Randy Baker	Drilling	Partridge Drilling	No	No	Driller	9
					TOTAL	**36**

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

08-20-2013

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 08/21/2013 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL		REPORT NO.: 057
PROJECT NO: 395475 / 1982	SUPERINTENDENT: Nikki Monroe		H&S Specialist: Nikki Monroe
AM WEATHER: Partly cloudy, humid	PM WEATHER: Partly cloudy, humid	MAX TEMP: 90 F	MIN TEMP: 80 F

SUMMARY OF WORK PERFORMED TODAY

Installed MW-I2E to 13' bls. Developed MW-I2E and removed 32 gallons of water. Managed soil and water waste in 55-gallon drums.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No	
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No	
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No	
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No	

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	6
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	6
Total On-Site Hours This Date	12
Cumulative Total of Work Hours From Previous Report	1448
Total Work Hours From Start of Construction	1460

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): Conducted Pre-Task Safety Plan. Conducted equipment inspections.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
None				

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Drill rig	Geoprobe 6610DT	M. Nicholson	3	0	0

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:** None.

VISITORS TO THE SITE: None.

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Nikki Monroe		08-21-2013
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 08/21/2013 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL	REPORT NO.: 057
PROJECT NO: 395475 / 1982	SUPERINTENDENT: Nikki Monroe	Site H&S Specialist: Nikki Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nikki Monroe	Superintendent/H&S Specialist	CH2M HILL	Yes	No	SSHS	3
John Towns	QC Manager	CH2M HILL	No	No	Geologist	3
Mike Nicholson	Drilling	Partridge Drilling	No	No	Driller	3
Randy Baker	Drilling	Partridge Drilling	No	No	Driller	3
					TOTAL	**12**

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

08-21-2013

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 08/22/2013 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL		REPORT NO.: 058
PROJECT NO: 395475 / 1982	SUPERINTENDENT: Nikki Monroe		H&S Specialist: Nikki Monroe
AM WEATHER: Partly cloudy, humid	PM WEATHER: Partly cloudy, humid	MAX TEMP: 90 F	MIN TEMP: 80 F

SUMMARY OF WORK PERFORMED TODAY

Collected groundwater sample from MW-I2E.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No	
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No	
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No	
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No	

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	1
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	1
Cumulative Total of Work Hours From Previous Report	1460
Total Work Hours From Start of Construction	1461

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): Conducted Pre-Task Safety Plan. Conducted equipment inspections.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
None				

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR
Drill rig	Geoprobe 6610DT	M. Nicholson	0	1	0

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:** None.

VISITORS TO THE SITE: None.

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Nikki Monroe		08-22-2013
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 08/22/2013 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL	REPORT NO.: 058
PROJECT NO: 395475 / 1982	SUPERINTENDENT: Nikki Monroe	Site H&S Specialist: Nikki Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nikki Monroe	Superintendent/H&S Specialist	CH2M HILL	Yes	No	SSHS	0
John Towns	QC Manager	CH2M HILL	No	No	Geologist	1
Mike Nicholson	Drilling	Partridge Drilling	No	No	Driller	0
Randy Baker	Drilling	Partridge Drilling	No	No	Driller	0
					TOTAL	**1**

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

08-22-2013

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 08/29/2013 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL		REPORT NO.: 059
PROJECT NO: 395475 / 1982	SUPERINTENDENT: Nikki Monroe		H&S Specialist: Nikki Monroe
AM WEATHER: Partly cloudy, humid	PM WEATHER: Partly cloudy, humid	MAX TEMP: 90 F	MIN TEMP: 80 F

SUMMARY OF WORK PERFORMED TODAY

Abandoned well MW-I2E. Moved 2 waste drums to secured area on Navy property. Demobilized from the site.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)

CH2MHILL On-Site Hours	2
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	2
Total On-Site Hours This Date	4
Cumulative Total of Work Hours From Previous Report	1461
Total Work Hours From Start of Construction	1465

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): Conducted Pre-Task Safety Plan. Conducted equipment inspections.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
None				

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:** None.

VISITORS TO THE SITE: Vince Sucameli/Navy waste manager on site to move drums.

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Nikki Monroe		08-29-2013
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 08/29/2013 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL	REPORT NO.: 059
PROJECT NO: 395475 / 1982	SUPERINTENDENT: Nikki Monroe	Site H&S Specialist: Nikki Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nikki Monroe	Superintendent/H&S Specialist	CH2M HILL	Yes	No	SSHS	1
John Towns	QC Manager	CH2M HILL	No	No	Geologist	1
Mike Nicholson	Drilling	Partridge Drilling	No	No	Driller	1
Randy Baker	Drilling	Partridge Drilling	No	No	Driller	1
					TOTAL	**4**

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

08-29-2013

DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)		DATE OF REPORT: 09/10/2013 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL		REPORT NO.: 060
PROJECT NO: 395475 / 1982	SUPERINTENDENT: Nikki Monroe		H&S Specialist: Nikki Monroe
AM WEATHER: Partly cloudy, humid	PM WEATHER: Partly cloudy, humid	MAX TEMP: 91 F	MIN TEMP: 83 F

SUMMARY OF WORK PERFORMED TODAY

Sampled IDW drums (1 soil drum and 1 water drum) located in secured area on Navy property, Mole Pier. Packed and shipped 1 soil and 1 water samples to GCAL for disposal analysis. Demobilized from the site.

JOB SAFETY

Was A Job Safety Meeting Held This Date?	☒ Yes	☐ No	
Were there any lost-time accidents this date? (If Yes, attach copy of completed OSHA report)	☐ Yes	☒ No	
Was a Confined Space Entry Permit Administered This Date? (If Yes, attach copy of each permit)	☐ Yes	☒ No	
Was Crane/Man lift/Trenching/Scaffold/HV Elec/High Work/Hazmat Work Done? (If Yes, attach statement or checklist showing inspection performed)	☐ Yes	☒ No	
Was Hazardous Material/Waste Released into the Environment? (If Yes, attach description of incident and proposed action)	☐ Yes	☒ No	

TOTAL WORK HOURS ON JOB SITE THIS DATE (Including Continuation Sheets)	
CH2MHILL On-Site Hours	1
AGVIQ On-Site Hours	0
Subcontractor On-Site Hours	0
Total On-Site Hours This Date	1
Cumulative Total of Work Hours From Previous Report	1462
Total Work Hours From Start of Construction	1466

SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED (Include Safety Violations, Corrective Instructions Given, Corrective Actions Taken, and Results of Safety Inspections Conducted): Conducted Pre-Task Safety Plan. Conducted equipment inspections.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB

DESCRIPTION OF EQUIPMENT/MATERIAL RECEIVED	MAKE/ MODEL/ MANUFACTURER	EQUIPMENT/ LOT NUMBER	INSPECTION PERFORMED BY	NUMBER/ VOLUME/ WEIGHT
None				

EQUIPMENT USED ON JOB SITE TODAY

EQUIPMENT DESCRIPTION	EQUIPMENT MAKE/MODEL	SAFETY CHECK PERFORMED BY	NUMBER OF HOURS		
			USED	IDLE	REPAIR

CHANGED CONDITIONS/DELAY/CONFLICTS ENCOUNTERED (List any conflicts with the delivery order [i.e., scope of work and/or drawings], delays to the project attributable to site and weather conditions, etc.)**:** None.

VISITORS TO THE SITE: Vince Sucameli/Navy waste manager on site to move drums.

SAFETY REQUIREMENTS HAVE BEEN MET ☒

Nikki Monroe		09-10-2013
SUPERINTENDENT'S NAME	SUPERINTENDENT'S SIGNATURE	DATE

AGVIQ-CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR PRODUCTION REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	DATE OF REPORT: 09/10/2013 REVISION NO: REVISION DATE:
CTO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL	REPORT NO.: 060
PROJECT NO: 395475 / 1982	SUPERINTENDENT: Nikki Monroe	Site H&S Specialist: Nikki Monroe

WORK PERFORMED TODAY

EMPLOYEE	WORK PERFORMED	EMPLOYER	FEMALE?	MINORITY?	TITLE/TRADE	HRS
Nikki Monroe	Superintendent/H&S Specialist	CH2M HILL	Yes	No	SSHS	1
					TOTAL	**4**

INCLUDES ALL PERSONNEL WORK HOURS IN THE TOTAL WORK HOURS ON JOB SITE:

SAFETY REQUIREMENTS HAVE BEEN MET ☒

SUPERINTENDENT'S SIGNATURE

09-10-2013

DATE

Contractor Quality Control Reports

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 04/20/2011 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Parcel K Soil Sampling, NAS Key West, FL	REPORT NO: 009
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization	☐	☐	☒
2	Soils sampling	☐	☐	☒
3	Demobilization	☐	☐	☒
		☐	☐	☐
		☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.
NONE		

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☒	Mobilized to site, set up work area
2	Initial ☐ Follow up ☒	Hand augured 7 locations, delineated 4 locations
3	Initial ☐ Follow up ☒	Site cleared, leave site until tomorrow.
	Initial ☐ Follow up ☐	
	Initial ☐ Follow up ☐	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS) | **REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**

TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 04/20/2011 REVISION NO: REVISION DATE:

TO NO: JM22	PROJECT NAME/LOCATION: Poinciana Groundwater Sampling, NAS Key West, FL	REPORT NO: 009
PROJECT NO: 395475	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
JM22-E1NW-000.5 @ 11:45	CH2M HILL /PEL	Nicole Monroe
JM22-E1NE2 @ 14:00	CH2M HILL /PEL	Nicole Monroe
JM22-FD1 @ -------	CH2M HILL /PEL	Nicole Monroe
JM22-E1SW-000.5 @ 15;35	CH2M HILL /PEL	Nicole Monroe
JM22-E1SE-000.5 @ 16:15	CH2M HILL /PEL	Nicole Monroe
JM22-F2W-000.5 @ 18:00	CH2M HILL /PEL	Nicole Monroe

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
SS hand auger	NA	YES ☒ NO ☐	
PCB Test kit	Dexsil Chlor-n-soil >50ppm	YES ☒ NO ☐	
GPS unit	Trimble GeoXH	YES ☒ NO ☐	
Pick ax		YES ☒ NO ☐	
Breaker bar		YES ☒ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	Nicole Monroe			SIGNATURE OF INSPECTOR:	Nicole Monroe		
ACCUMULATION/ STOCKPILE AREA LOCATION	None						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: Accepted

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: None

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Nicole Monroe 04/20/2011

PROJECT QC MANAGER'S SIGNATURE DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

Nicole Monroe 04/20/2011

PROJECT QC MANAGER'S SIGNATURE DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 04/21/2011 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Parcel K Soil Sampling, NAS Key West, FL	REPORT NO: 010
PROJECT NO: 395475	PROJECT QC MANAGER: Nikki Monroe	SITE H&S SPECIALIST: Nikki Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization	☐	☐	☒
2	Soils sampling	☐	☐	☒
3	Demobilization	☐	☐	☒
		☐	☐	☐
		☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.
NONE		

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☒	Mobilized to site, set up work area
2	Initial ☐ Follow up ☒	Hand augered 9 locations, delineated/sampled 4 locations
3	Initial ☐ Follow up ☒	Site cleared, leave site until tomorrow.
	Initial ☐ Follow up ☐	
	Initial ☐ Follow up ☐	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

TASK/ACTIVITY	DATE ISSUED	DESCRIPTION
None		

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 04/21/2011 REVISION NO: REVISION DATE:

TO NO: JM22	PROJECT NAME/LOCATION: Poinciana Groundwater Sampling, NAS Key West, FL	REPORT NO: 010
PROJECT NO: 395475	PROJECT QC MANAGER: Nikki Monroe	SITE H&S SPECIALIST: Nikki Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
JM22-HFSB07S-000.5 @ 09:55	CH2M HILL /PEL	Nikki Monroe
JM22-HFSB07S-000.5-MS @ 10:00	CH2M HILL /PEL	Nikki Monroe
JM22-HFSB07S-000.5-MSD@ 10:00	CH2M HILL /PEL	Nikki Monroe
JM22-E2NE2-000.5 @ 10:50	CH2M HILL /PEL	Nikki Monroe
JM22-2E3-000.5 @ 13:20	CH2M HILL /PEL	Nikki Monroe
JM22-FD2 @ -----	CH2M HILL /PEL	Nikki Monroe
JM22-2D3-000.5 @ 16:00	CH2M HILL /PEL	Nikki Monroe
JM22-EB1-042111 @ 12:50	CH2M HILL /PEL	Nikki Monroe

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
SS hand auger	NA	YES ☒ NO ☐	
PCB Test kit	Dexsil Chlor-n-soil >50ppm	YES ☒ NO ☐	
GPS unit	Trimble GeoXH	YES ☒ NO ☐	
Pick ax		YES ☒ NO ☐	
Breaker bar		YES ☒ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	Nikki Monroe			SIGNATURE OF INSPECTOR:	Nikki Monroe		
ACCUMULATION/ STOCKPILE AREA LOCATION	None						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: Accepted

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: None

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Nikki Monroe — 04/21/2011

PROJECT QC MANAGER'S SIGNATURE — DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

Nikki Monroe — 04/21/2011

PROJECT QC MANAGER'S SIGNATURE — DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 04/22/2011 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Parcel K Soil Sampling, NAS Key West, FL	REPORT NO: 011
PROJECT NO: 395475	PROJECT QC MANAGER: Nikki Monroe	SITE H&S SPECIALIST: Nikki Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization	☐	☐	☒
2	Soils sampling	☐	☐	☒
3	Demobilization	☐	☐	☒
		☐	☐	☐
		☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.
NONE		

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☒	Mobilized to site, set up work area
2	Initial ☐ Follow up ☒	Hand augered 9 locations, delineated/sampled 5 locations
3	Initial ☐ Follow up ☒	Site cleared, leave site until Monday.
	Initial ☐ Follow up ☐	
	Initial ☐ Follow up ☐	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIQ CH2M HILL
Small Business RAC
N62470-08-D-1006
CONTRACTOR QUALITY CONTROL REPORT
(ATTACH ADDITIONAL SHEETS IF NECESSARY)
REPORT DATE: 04/22/2011
REVISION NO:
REVISION DATE:

TO NO: JM22	PROJECT NAME/LOCATION: Poinciana Groundwater Sampling, NAS Key West, FL	REPORT NO: 011
PROJECT NO: 395475	PROJECT QC MANAGER: Nikki Monroe	SITE H&S SPECIALIST: Nikki Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
JM22-E2C-000.5 @ 08:50	CH2M HILL /PEL	Nikki Monroe
JM22-D3NE-000.5 @ 11:00	CH2M HILL /PEL	Nikki Monroe
JM22-D3SW2-000.5 @ 13:25	CH2M HILL /PEL	Nikki Monroe
JM22-D3SE-000.5 @ 14:00	CH2M HILL /PEL	Nikki Monroe
JM22-EB2-042211 @ 12:45	CH2M HILL /PEL	Nikki Monroe

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
SS hand auger	NA	YES ☒ NO ☐	
PCB Test kit	Dexsil Chlor-n-soil >50ppm	YES ☒ NO ☐	
GPS unit	Trimble GeoXH	YES ☒ NO ☐	
Pick ax		YES ☒ NO ☐	
Breaker bar		YES ☒ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	Nikki Monroe			SIGNATURE OF INSPECTOR:	Nikki Monroe		
ACCUMULATION/ STOCKPILE AREA LOCATION	None						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: Accepted

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: None

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Nikki Monroe — 04/22/2011

PROJECT QC MANAGER'S SIGNATURE — DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

Nikki Monroe — 04/22/2011

PROJECT QC MANAGER'S SIGNATURE — DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 04/25/2011 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Parcel K Soil Sampling, NAS Key West, FL	REPORT NO: 012
PROJECT NO: 395475	PROJECT QC MANAGER: Nikki Monroe	SITE H&S SPECIALIST: Nikki Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization	☐	☐	☒
2	Soils sampling	☐	☐	☒
3	Demobilization	☐	☐	☒
		☐	☐	☐
		☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.
NONE		

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☒	Mobilized to site, set up work area
2	Initial ☐ Follow up ☒	Hand augered 5 locations, delineated/sampled 2 locations
3	Initial ☐ Follow up ☒	Site cleared, demobed from site.
	Initial ☐ Follow up ☐	
	Initial ☐ Follow up ☐	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 04/25/2011 REVISION NO: REVISION DATE:

TO NO: JM22	PROJECT NAME/LOCATION: Poinciana Groundwater Sampling, NAS Key West, FL	REPORT NO: 012
PROJECT NO: 395475	PROJECT QC MANAGER: Nikki Monroe	SITE H&S SPECIALIST: Nikki Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
JM22-D2S3-000.5 @ 10:40	CH2M HILL /PEL	Nikki Monroe
JM22-D3S-000.5 @ 12:00	CH2M HILL /PEL	Nikki Monroe

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
SS hand auger	NA	YES ☒ NO ☐	
PCB Test kit	Dexsil Chlor-n-soil >50ppm	YES ☒ NO ☐	
GPS unit	Trimble GeoXH	YES ☒ NO ☐	
Pick ax		YES ☒ NO ☐	
Breaker bar		YES ☒ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	Nikki Monroe			SIGNATURE OF INSPECTOR:	Nikki Monroe		
ACCUMULATION/ STOCKPILE AREA LOCATION	None, decontamination water evaporated.						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: Accepted

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: None

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Nikki Monroe 04/25/2011

PROJECT QC MANAGER'S SIGNATURE DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

Nikki Monroe 04/25/2011

PROJECT QC MANAGER'S SIGNATURE DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 07/14/2011 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Parcel K Soil Sampling, NAS Key West, FL	REPORT NO: 013
PROJECT NO: 395475	PROJECT QC MANAGER: Nikki Monroe	SITE H&S SPECIALIST: Nikki Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization	☐	☐	☒
2	IDW Soils sampling	☐	☐	☒
3	Demobilization	☐	☐	☒
		☐	☐	☐
		☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.
NONE		

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☒	Mobilized to site, set up work area
2	Initial ☐ Follow up ☒	Sampled 1 drum of soils via hand auger for disposal/characterization
3	Initial ☐ Follow up ☒	Site cleared, demobed from site.
	Initial ☐ Follow up ☐	
	Initial ☐ Follow up ☐	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

Small Business RAC N62470-08-D-1006	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 07/14/2011 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Poinciana Groundwater Sampling, NAS Key West, FL	REPORT NO: 013
PROJECT NO: 395475	PROJECT QC MANAGER: Nikki Monroe	SITE H&S SPECIALIST: Nikki Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
JM22-DRUM2-S-071411	CH2M HILL /PEL	Nikki Monroe

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
SS hand auger	NA	YES ☒ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	Nikki Monroe			SIGNATURE OF INSPECTOR:	*Nikki Monroe*		
ACCUMULATION/ STOCKPILE AREA LOCATION	1 soil drum pending disposal, decontamination water evaporated.						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	1

INSPECTION RESULTS: Accepted

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:
None

GENERAL COMMENTS (rework, directives, etc.):
None

LIST OF ATTACHMENTS (examples, as applicable: None

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Nikki Monroe — 07/14/2011
PROJECT QC MANAGER'S SIGNATURE — DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

Nikki Monroe — 07/14/2011
PROJECT QC MANAGER'S SIGNATURE — DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/16/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 014
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization / Site Preparation	☒	☒	☐
2	Pre-Excavation Survey	☒	☒	☐
3	Soil Excavation and Backfill	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☒ YES ☐ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.
1	Mobilization/Site Preparation	395479-PPR-001-120116
2	Pre-Excavation Survey	395479-PPR-001-120116

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☒ Follow up ☐	AGVIQ-CH2M HILL began mobilizing to Parcel K, Naval Air Station Key West. AGVIQ-CH2M HILL personnel reviewed site specific documents (WP, ESS, SOPs, HASP and AHAs). All team members reviewed project tasks and discussed project goals. All team members signed HASP, AHAs, and SOPs. In addition to the Sunshine State One Call utility locates, third party locating services (GeoTech Utility Locating) began subsurface utility locating and survey. Received a walk behind trencher from Four Star Rentals for silt fence installation. Began silt fence installation to prevent surface run-off in accordance with the Stormwater Pollution Prevention Plan (SWPPP). No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☒ Follow up ☐	Island Surveying began the Pre-Excavation Survey by establishing and marking all grid corners. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☐	No work performed on this DFOW.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.
7	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/16/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 014
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

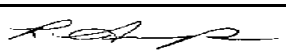
MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
Walk behind trencher	Barreto / 1324D	YES ☒ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	N/A						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: Accepted

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

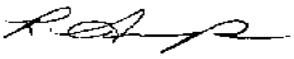
GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

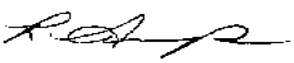
Pre-Task Safety Plan

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



PROJECT QC MANAGER'S SIGNATURE — 01/16/2012 DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



PROJECT QC MANAGER'S SIGNATURE — 01/16/2012 DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/17/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 015
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☒	☐
2	Pre-Excavation Survey	☐	☒	☐
3	Soil Excavation and Backfill	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☒ Follow up ☐	Continued daily inspections of materials and equipment to be in conformance with the project specifications. Third party locating services (Geotek Utility Locating) completed subsurface utility locating and survey. Reviewed and discussed all subsurface utilities and unknown anomalies marked with the locator. Received various PPE (tyvek, nitrile gloves, earplugs, full face respirators, respirator cartridge, latex boot covers), general small tools(shovels, pick axe, sledge hammer, generator, hammer drill), 20-ft office container, 20-24 KW generator, and a mini-excavator. Continued silt fence installation to prevent surface run-off in accordance with the Stormwater Pollution Prevention Plan (SWPPP). No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☒ Follow up ☐	Island Surveying continued the Pre-Excavation Survey by locating excavation boundaries using GPS and marking. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☐	No work performed on this DFOW.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.
7	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/17/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 015
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
Various PPE (Tyvek, Nitrile Gloves, Earplugs, Full Face Respirators, Respirator Cartridge, Latex Boot Covers)	Aramsco	YES ☒ NO ☐	N/A
Misc Small Tools (Rentals) Shovels, Pick Axe, Sledge Hammer, Generator, Hammer Drill	Four Star Rental	YES ☒ NO ☐	N/A
20 ft Office Container	Mobile Mini	YES ☒ NO ☐	AS20PYX0164
Mini Excavator	Kamatsu / PC-18	YES ☒ NO ☐	Serial #16865
Generator 20 – 24 KW	Himoinsa / HRYW-25	YES ☒ NO ☐	Ser #1M9BU1026BN631438
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	N/A						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: Accepted

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

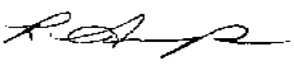
GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

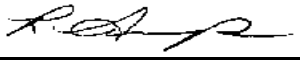
Pre-Task Safety Plan

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



PROJECT QC MANAGER'S SIGNATURE — DATE: 01/17/2012

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



PROJECT QC MANAGER'S SIGNATURE — DATE: 01/17/2012

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/18/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 016
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☒	☒
2	Pre-Excavation Survey	☐	☒	☒
3	Soil Excavation and Backfill	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☒	☒	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.
5	Confirmatory Soil Sampling	395479-PPR-002-120118

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☒ Follow up ☒	Continued daily inspections of materials and equipment to be in conformance with the project and manufactures specifications. Received 1,320 ft of silt fence fabric and 120 steel posts. Continued silt fence installation to prevent surface run-off in accordance with the Stormwater Pollution Prevention Plan (SWPPP). No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☒ Follow up ☒	Island Surveying completed the Pre-Excavation Survey by locating excavation boundaries using GPS and marking. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☐	No work performed on this DFOW.
5	Initial ☒ Follow up ☐	The sampling and analysis plan was reviewed for proper procedures. Confirmed that appropriate equipment and material was available to complete the sampling activities. Collected confirmatory sidewall samples from surface (0.5 to 2 feet bls) and subsurface soil (2 to 4 feet bls) from around the D2W excavation and QC samples (Field Duplicate, MS / MSD, and equipment blank) to be analyzed by PEL Labs for PCBs by method 8082. All sampling activities along with chain of custody documentation (COC# 395479-COC-001-120118) were performed in accordance with the SAP outlined in the project work plan. Samples were shipped overnight via FedEx to PEL Labs in Tampa, FL.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.
7	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/18/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 016
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
Soil Confirmation Sampling Around D2W Excavation: Samples HFSB-D2WS-0.502, HFSB-D2WS-0204, HFSB-D2WW-0.502, HFSB-D2WW-0204, HFSB-D2WW-0204-MS, HFSB-D2WW-0204-SD, HFSB-D2WN-0.502, HFSB-D2WN-0204, JM22-QCEB-011812, HFSB-D2WE-0.502, HFSB-D2WE-0204, HFSB-D2WE2-0.502, HFSB-D2WE2-0204, HFSB-D2WW2-0.502, HFSB-D2WW2-0204, JM22-QCWIPE1-011812, and JM22-FD2-SO-011812 to be analyzed by PEL Labs for PCBs by 8082.	AGVIQ-CH2M HILL / PEL Labs	N. Monroe / R. Dumaop

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
Silt Fence Fabric Rolls	Hanes Geo Components / 79439	YES ☒ NO ☐	49265-09
Steel T-Post	Hanes Geo Components / 79701	YES ☒ NO ☐	68050-04
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	N/A						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: No inspection performed on this date.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

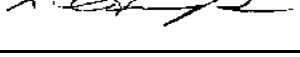
GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

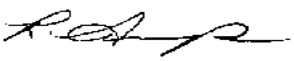
Pre-Task Safety Plan, Chain of custody # COC# 395479-COC-001-120118.

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



PROJECT QC MANAGER'S SIGNATURE — DATE: 01/18/2012

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



PROJECT QC MANAGER'S SIGNATURE — DATE: 01/18/2012

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/19/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 017
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☒	☐
2	Pre-Excavation Survey	☐	☐	☒
3	Soil Excavation and Backfill	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☐	☒	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☒ Follow up ☒	Continued daily inspections of materials and equipment to be in conformance with the project and manufactures specifications. Received a 500 gallon off-road diesel fuel double walled tank from Hertz Rental. Continued silt fence installation to prevent surface run-off in accordance with the Stormwater Pollution Prevention Plan (SWPPP). No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☐ Follow up ☒	Continued verifying re-marking excavation boundaries as necessary.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☐	No work performed on this DFOW.
5	Initial ☒ Follow up ☐	Continued reviewing the sampling and analysis plan for proper procedures. Confirmed that appropriate equipment and material was available to complete the sampling activities. Collected confirmatory samples near the Mole Pier Gate from surface (0.0 to 0.5 feet bls) and QC samples (Field Duplicate and Equipment Blank) to be analyzed by PEL Labs for PCBs by method 8082. All sampling activities along with chain of custody documentation (COC# 395479-COC-001-120119) were performed in accordance with the SAP outlined in the project work plan. Samples were shipped overnight via FedEx to PEL Labs in Tampa, FL.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/19/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 017
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
Soil Confirmation Sampling Around D2W Excavation: Samples JM22-QCEB1-011912, HFSB-ROAD-1A-000.5, and JM22-FD2SO-011912 to be analyzed by PEL Labs for PCBs by 8082.	AGVIQ-CH2M HILL / PEL Labs	N. Monroe / R. Dumaop

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
500 Gallon Fuel tank	Hertz (Service Pump & Compressor)	YES ☒ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	N/A						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: No inspection performed on this date.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

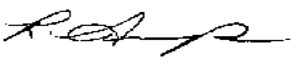
GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

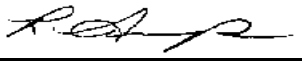
Pre-Task Safety Plan, Chain of custody # COC# 395479-COC-001-120119.

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



PROJECT QC MANAGER'S SIGNATURE — DATE: 01/19/2012

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



PROJECT QC MANAGER'S SIGNATURE — DATE: 01/19/2012

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/20/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 018
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☒	☒
2	Pre-Excavation Survey	☐	☐	☒
3	Soil Excavation and Backfill	☐	☒	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☒ Follow up ☒	Continued daily inspections of materials and equipment to be in conformance with the project and manufactures specifications. Received a rubber tire backhoe with a breaker attachment, a track excavator, 2000 gallon water truck, traffic barricades, traffic cones, and a walk behind saw. Excavation boundary lines crossing the asphalt road were cut using a walk behind saw. Continued silt fence installation to prevent surface run-off in accordance with the Stormwater Pollution Prevention Plan (SWPPP). Water truck was used to control dust as needed. Setup barricades along the North side of the road to control site access. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☐ Follow up ☒	Continued re-marking excavation boundaries as necessary.
3	Initial ☒ Follow up ☐	Received 2 loads of 50/50 backfill mix (approx. 36 CYs / 40 Tons) from Discount Rock & Sand in Marathon, FL.
4	Initial ☐ Follow up ☐	No work performed on this DFOW.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/20/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 018
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
Rubber-Tire Backhoe with Breaker	John Deere / 310 G	YES ☒ NO ☐	Ser #T0310GX957196 / Hertz Eq. Rental
Excavator	John Deere / 135D RTS	YES ☒ NO ☐	Ser #1FF135DXLBD302596 / United Rentals
2000 Gallon Water Truck	Ford / F750	YES ☒ NO ☐	Ser #3FRPF75NX5V174377 / Hertz Eq. Rental
Traffic Barricades	Four Star Rentals	YES ☒ NO ☐	Four Star Rentals
Traffic Cones	Four Star Rentals	YES ☒ NO ☐	Four Star Rentals
Walk behind saw with 14" Diamond Blade	Four Star Rentals	YES ☒ NO ☐	Four Star Rentals
Certified Clean 50-50 Fill Dirt	50 / 50 Mix	YES ☒ NO ☐	Discount Rock & Sand

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	N/A						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: No inspection performed on this date.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

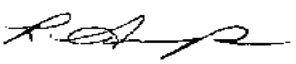
GENERAL COMMENTS (rework, directives, etc.):

Subcontractor for City (Paving) needs to be on site by Thursday to get new asphalt down. JV will work necessary hours to get excavated and restored by that time in addition to scheduled T&D operations. The City of Key West public works dept. moved property off of the Parcel K area. Florida Keys Aqueduct Authority installed water meter on the fire hydrant located next to the Florida Keys Eco-Discovery Center.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

Pre-Task Safety Plan

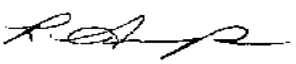
On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



01/20/2012

PROJECT QC MANAGER'S SIGNATURE — DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



01/20/2012

PROJECT QC MANAGER'S SIGNATURE — DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/21/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 019
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☒	☒
2	Pre-Excavation Survey	☐	☐	☒
3	Soil Excavation and Backfill	☐	☒	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☒ Follow up ☒	Continued daily inspections of materials and equipment to be in conformance with the project and manufacturer's specifications. Completed silt fence installation along the north, east, and west boundaries of the site to prevent surface run-off in accordance with the Stormwater Pollution Prevention Plan (SWPPP). Water truck was used to control dust as needed. Continued using barricades and caution tape along the north side of the road to control site access. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☐ Follow up ☒	Continued verifying re-marking excavation boundaries as necessary.
3	Initial ☒ Follow up ☐	Received 3 loads of 50/50 backfill mix (approx. 54 CYs / 60 tons) from Discount Rock & Sand in Marathon, FL. Removed concrete using the backhoe with the breaker attachment and the excavator from Grids H1 and H2. Removed clean overburden in I2 and I3.
4	Initial ☐ Follow up ☐	No work performed on this DFOW.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.
7	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

TASK/ACTIVITY	DATE ISSUED	DESCRIPTION
None		

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/21/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 019
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

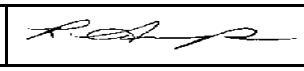
MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
Certified Clean 50-50 Fill Dirt	50 / 50 Mix	YES ☒ NO ☐	Discount Rock & Sand
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop	SIGNATURE OF INSPECTOR:	
ACCUMULATION/ STOCKPILE AREA LOCATION	N/A		

NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: No inspection performed on this date.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

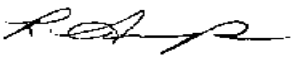
GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

Pre-Task Safety Plan

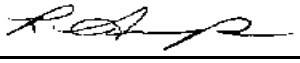
On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



01/21/2012

PROJECT QC MANAGER'S SIGNATURE — DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



01/21/2012

PROJECT QC MANAGER'S SIGNATURE — DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/22/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 020
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☐
2	Pre-Excavation Survey	☐	☐	☐
3	Soil Excavation and Backfill	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☐	No work performed on this DFOW.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☐	No work performed on this DFOW.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.
7	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/22/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 020
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
None		

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

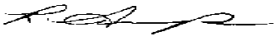
MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
None		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop	SIGNATURE OF INSPECTOR:	
ACCUMULATION/ STOCKPILE AREA LOCATION	N/A		

NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: No inspection performed on this date.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

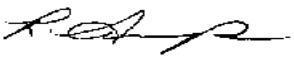
GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

None

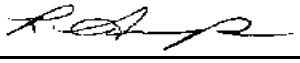
On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



01/22/2012

PROJECT QC MANAGER'S SIGNATURE — DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



01/22/2012

PROJECT QC MANAGER'S SIGNATURE — DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/23/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 021
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☒	☒	☒
2	Pre-Excavation Survey	☒	☐	☒
3	Soil Excavation and Backfill	☒	☒	☒
4	Waste Management	☒	☒	☐
5	Confirmatory Soil Sampling	☒	☐	☐
6	Demobilization	☒	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☒ YES ☐ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.
1	Mobilization/Site Preparation	395479-PPR-003-120123
2	Pre-Excavation Survey	395479-PPR-003-120123
3	Soil Excavation and Backfill	395479-PPR-003-120123
4	Waste Management	395479-PPR-003-120123
5	Confirmatory Soil Sampling	395479-PPR-003-120123
6	Demobilization	395479-PPR-003-120123

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☒ Follow up ☒	AGVIQ-CH2M HILL continued mobilizing to Parcel K, Naval Air Station Key West. AGVIQ-CH2M HILL personnel reviewed site specific documents (WP, ESS, SOPs, HASP and AHAs). All team members reviewed project tasks and discussed project goals. All team members signed HASP, AHAs, and SOPs. Continued daily inspections of materials and equipment to be in conformance with the project and manufacturer's specifications. Water truck was used to control dust as needed. Closed the asphalt road (Angela St.) and setup traffic detour to the south and reconnected near Mole Pier Gate. Continued using barricades and caution tape along the North and South side of the road to control site access. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☐ Follow up ☒	Continued verifying re-marking excavation boundaries as necessary.
3	Initial ☒ Follow up ☒	Began excavating non-hazardous contaminated soil (approx. 306 CYs / 361.30 Tons) to 2 ft bls from within Grids I-2, I-3, I-4, J-2, J-3, and J-4. Excavated soil was loaded into haul trucks for T&D. Received 2 loads of 50/50 backfill mix (approx. 36 CYs / 40 Tons) from Discount Rock & Sand in Marathon, FL. Began backfilling excavated areas with 50/50 soil mix in 6" – 8" lifts and compacting with heavy equipment. Dust monitor was placed downwind and checked every thirty minutes to verify working conditions are acceptable and below action limits. Dust control measures were performed during excavation and T&D operations using the water truck. All excavation and backfilling activities were performed in accordance with the project work plan.
4	Initial ☒ Follow up ☒	Metro Trucking transported 17 loads (approx. 306 CYs / 361.30 Tons) of Non-Hazardous Contaminated Soil to Cemex Environmental Services in Miami, FL for disposal. Each load was manifested and signed by the truck driver and Randy Dumaop as an agent of the U.S. Navy. Began logging waste into the project T&D log which is used to track waste from generation to final disposition. All waste management activities were performed in accordance with the project work plan.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.
7	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/23/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 021
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

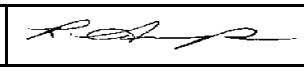
MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
Certified Clean 50-50 Fill Dirt	50 / 50 Mix	YES ☒ NO ☐	Discount Rock & Sand
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop	SIGNATURE OF INSPECTOR:	
ACCUMULATION/ STOCKPILE AREA LOCATION	N/A		

NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: Excavations and staging areas were inspected and no deficiencies found and in accordance with the APP and project work plan.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

Metro Trucking transported 17 loads (approx. 306 CYs / 361.30 Tons) of Non-Hazardous Contaminated Soil to Cemex Environmental Services in Miami, FL for disposal.

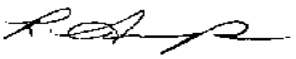
GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

Pre-Task Safety Plan, T&D Log, Daily Excavation As-built

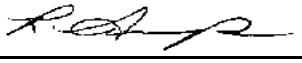
On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



01/23/2012

PROJECT QC MANAGER'S SIGNATURE — DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



01/23/2012

PROJECT QC MANAGER'S SIGNATURE — DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/24/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 022
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☒	☒
2	Pre-Excavation Survey	☐	☐	☒
3	Soil Excavation and Backfill	☐	☒	☒
4	Waste Management	☐	☒	☒
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☒ Follow up ☒	Received a skid-steer track, dozer, front-end loader, and drum roller. Continued daily inspections of materials and equipment to be in conformance with the project and manufacturer's specifications. Water truck was used to control dust as needed. Angela St. remained closed and traffic detoured to the south and reconnects near Mole Pier Gate. Continued using barricades and caution tape along the North and South side of the road to control site access. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☐ Follow up ☒	Continued verifying re-marking excavation boundaries as necessary.
3	Initial ☒ Follow up ☒	Continued excavating non-hazardous contaminated soil (approx. 366 CYs / 476.48 Tons) to 6-inches bls within Grids H-1, H-2, I-2, I-3 and 2 ft bls from within Grids E-4, E-5, F-4, F-5, H-2, H-3, I-2, I-3, I-4, I-5. Removed asphalt (1" – 4" thick) off of excavated areas and staged for disposal. Excavated the South side of Angela St. to 6-inches bls in Grids E, F, G, H, I, and J. Excavated soil was loaded into haul trucks for T&D. Received 8 loads of 50/50 backfill mix (approx. 144 CYs / 160 Tons) from Discount Rock & Sand in Marathon, FL. Continued backfilling excavated areas except for the road with 50/50 soil mix in 6" – 8" lifts and compacting with heavy equipment. Dust monitor was placed downwind and checked every thirty minutes to verify working conditions are acceptable and below action limits. Dust control measures were performed during excavation and T&D operations using the water truck. All excavation and backfilling activities were performed in accordance with the project work plan.
4	Initial ☒ Follow up ☒	Metro Trucking transported 22 loads (approx. 366 CYs / 476.48 Tons) of Non-Hazardous Contaminated Soil to Cemex Environmental Services in Miami, FL for disposal. Each load was manifested and signed by the truck driver and Randy Dumaop as an agent of the U.S. Navy. Discount Rock & Sand hauled off 2 loads of asphalt. Continued logging waste into the project T&D log which is used to track waste from generation to final disposition. All waste management activities were performed in accordance with the project work plan.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.
7	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/24/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 022
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
8 Loads of Certified Clean 50-50 Fill Dirt (approx. 144 CYs / 160 Tons)	50 / 50 Mix	YES ☒ NO ☐	Discount Rock & Sand
Skid Steer Track	Takeuchi / TL130R	YES ☒ NO ☐	Ser #21305821 / United Rentals
Drum Roller 50-56”	Bomag / BW145D-3	YES ☒ NO ☐	Ser #901581471390 / United Rentals
Front-End Wheel Loader	John Deere / 544K	YES ☒ NO ☐	Ser #1DW544KZECD652312 / United Rentals
Dozer	John Deere / 450J-LGP	YES ☒ NO ☐	Ser #TO450JX126232 / United Rentals
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	N/A						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: Excavations and staging areas were inspected and no deficiencies found and in accordance with the APP and project work plan.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

Metro Trucking transported 22 loads (approx. 366 CYs / 476.48 Tons) of Non-Hazardous Contaminated Soil to Cemex Environmental Services in Miami, FL for disposal.

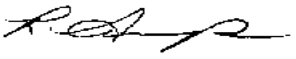
GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

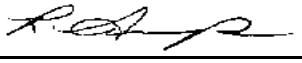
Pre-Task Safety Plan, T&D Log, Daily Excavation As-built

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



PROJECT QC MANAGER’S SIGNATURE — DATE: 01/24/2012

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



PROJECT QC MANAGER’S SIGNATURE — DATE: 01/24/2012

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/25/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 023
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☒	☒
2	Pre-Excavation Survey	☐	☐	☒
3	Soil Excavation and Backfill	☐	☒	☒
4	Waste Management	☐	☒	☒
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☒ Follow up ☒	Continued daily inspections of materials and equipment to be in conformance with the project and manufacturer's specifications. Water truck was used to control dust as needed. Angela St. remained closed and traffic detoured to the south and reconnects near Mole Pier Gate. Continued using signage, barricades and caution tape along the North and South side of the road to control site access. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☐ Follow up ☒	Continued verifying re-marking excavation boundaries as necessary.
3	Initial ☒ Follow up ☒	Removed asphalt (1" – 4" thick) off of excavation areas and staged for disposal. Completed excavating non-hazardous contaminated soil (approx. 214 CYs / 274.77 Tons) from the remaining areas on Angela St. to 6-inches bls within Grids H-1, H-2, I-2, I-3 and 2 ft bls from within Grids A, B, D, E, F, G, H, I, and J. Excavated soil was loaded into haul trucks for T&D. Received 8 loads of 50/50 backfill mix (approx. 144 CYs / 160 Tons) from Discount Rock & Sand in Marathon, FL. Continued backfilling excavated areas except for the road with 50/50 soil mix in 6" – 8" lifts and compacting with heavy equipment. Received 8 loads of certified clean crushed Limerock (road base) (approx. 144 CYs / 160 Tons) from Discount Rock & Sand in Marathon, FL. Began backfilling the excavated road with crushed Limerock and compacting with drum roller. Dust monitor was placed downwind and checked every thirty minutes to verify working conditions are acceptable and below action limits. Dust control measures were performed during excavation and T&D operations using the water truck. All excavation and backfilling activities were performed in accordance with the project work plan.
4	Initial ☒ Follow up ☒	Metro Trucking transported 12 loads (approx. 214 CYs / 274.77 Tons) of Non-Hazardous Contaminated Soil to Cemex Environmental Services in Miami, FL for disposal. Each load was manifested and signed by the truck driver and Randy Dumaop as an agent of the U.S. Navy. Discount Rock & Sand hauled off 4 loads of asphalt. Continued logging waste into the project T&D log which is used to track waste from generation to final disposition. All waste management activities were performed in accordance with the project work plan.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.
7	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/25/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 023
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
8 Loads of Certified Clean 50-50 Fill Dirt (approx. 144 CYs / 160 Tons)	50 / 50 Mix	YES ☒ NO ☐	Discount Rock & Sand
8 Loads of Certified Clean DOT Crushed Limerock (Road Base) (approx. 144 CYs / 160 Tons)	DOT CR Rock	YES ☒ NO ☐	Discount Rock & Sand
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	N/A						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: Excavations and staging areas were inspected and no deficiencies found and in accordance with the APP and project work plan.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

Metro Trucking transported 12 loads (approx. 214 CYs / 274.77 Tons) of Non-Hazardous Contaminated Soil to Cemex Environmental Services in Miami, FL for disposal.

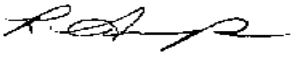
GENERAL COMMENTS (rework, directives, etc.):

Many utilities. Concrete footers encountered. Slowing production consider ability. Asphalt outside the Access road is averaging 1-5 inches. Very difficult to break up and separate from soils.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

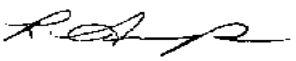
Pre-Task Safety Plan, T&D Log, Daily Excavation As-built

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



PROJECT QC MANAGER'S SIGNATURE — 01/25/2012 DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



PROJECT QC MANAGER'S SIGNATURE — 01/25/2012 DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/26/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 024
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☒	☒
2	Pre-Excavation Survey	☐	☐	☒
3	Soil Excavation and Backfill	☐	☒	☒
4	Waste Management	☐	☐	☒
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☒ Follow up ☒	Continued daily inspections of materials and equipment to be in conformance with the project and manufacturer's specifications. Water truck was used to control dust as needed. Angela St. remained closed and traffic detoured to the south and reconnects near Mole Pier Gate. Continued using signage, barricades and caution tape along the North and South side of the road to control site access. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☐ Follow up ☒	Continued verifying re-marking excavation boundaries as necessary.
3	Initial ☒ Follow up ☒	Removed asphalt (1" – 4" thick) off of excavation areas and staged for disposal. Continued excavating non-hazardous contaminated soil 6-inches bls within Grids A-1, A-2, B-1, B-2, B-3, C-1, C-2, C-3, C-4, D-1, and D-2. Excavated soil was stockpiled for tomorrow's T&D. Received 14 loads of 50/50 backfill mix (approx. 252 CYs / 280 Tons) and 2 loads of common fill (approx. 36 CYs / 40 Tons) from Discount Rock & Sand in Marathon, FL. Continued backfilling excavated areas except for the road with 50/50 soil mix in 6" – 8" lifts and compacting with heavy equipment. Received 6 loads of certified clean crushed Limerock (road base) (approx. 108 CYs / 126.36 Tons) from Charley Toppino & Sons in Key West, FL. Completed backfilling the excavated road with crushed Limerock and compacting with drum roller. Contractor (DN Higgins) for the city finished graded and compacted the road base in preparations for tomorrow's asphalt installation. Dust monitor was placed downwind and checked every thirty minutes to verify working conditions are acceptable and below action limits. Dust control measures were performed during excavation and backfilling operations using the water truck. All excavation and backfilling activities were performed in accordance with the project work plan.
4	Initial ☐ Follow up ☒	Discount Rock & Sand hauled off 2 loads of asphalt. Continued logging and updating waste into the project T&D log which is used to track waste from generation to final disposition. All waste management activities were performed in accordance with the project work plan.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.
7	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/26/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 024
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
14 Loads of Certified Clean 50-50 Fill Dirt (approx. 252 CYs / 280 Tons)	50 / 50 Mix	YES ☒ NO ☐	Discount Rock & Sand
6 Loads of Certified Clean DOT Crushed Limerock (Road Base) (approx. 108 CYs / 126.36 Tons)	DOT CR Rock	YES ☒ NO ☐	Charley Toppino & Sons
2 Loads of Certified Clean Fill Dirt (approx. 36 CYs / 40 Tons)	Fill Dirt	YES ☒ NO ☐	Discount Rock & Sand
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	N/A						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: Excavations and staging areas were inspected and no deficiencies found and in accordance with the APP and project work plan.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

No T&D activities performed today.

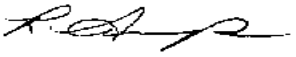
GENERAL COMMENTS (rework, directives, etc.):

Contractor (DN Higgins) for the city finished graded and compacted the road base in preparations for tomorrow's asphalt installation.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

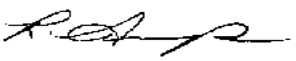
Pre-Task Safety Plan, T&D Log, Daily Excavation As-built

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



PROJECT QC MANAGER'S SIGNATURE — DATE: 01/26/2012

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



PROJECT QC MANAGER'S SIGNATURE — DATE: 01/26/2012

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/27/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 025
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☒	☒
2	Pre-Excavation Survey	☐	☐	☒
3	Soil Excavation and Backfill	☐	☒	☒
4	Waste Management	☐	☐	☒
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☒ Follow up ☒	Continued daily inspections of materials and equipment to be in conformance with the project and manufacturer's specifications. Water truck was used to control dust as needed. Angela St. remained closed and traffic detoured to the south and reconnects near Mole Pier Gate. At the end of the day the detour and road closed signage was removed and Angela St. was re-opened to traffic. Continued using signage, barricades and caution tape along the North and South side of the road to control site access. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☐ Follow up ☒	Continued verifying re-marking excavation boundaries as necessary.
3	Initial ☒ Follow up ☒	Removed asphalt (1" – 4" thick) off of excavation areas and staged for disposal. Continued excavating non-hazardous contaminated soil 6-inches bls within Grids I-4, I-5, J-4, and J-5. Excavated soil was loaded into haul trucks for T&D. Began excavating the Hazardous PCB contaminated soil 6-inches bls within Grids C-2, C-3, C-4, D-2, D-3, D-4, E-2, and E-3 with a dedicated bucket on the excavator. Hazardous contaminated soil was stockpiled within the excavation boundary and covered with poly sheeting. Received 9 loads of common fill (approx. 162 CYs / 180 Tons) from Discount Rock & Sand in Marathon, FL. Continued backfilling excavated areas in 6" – 8" lifts and compacting with heavy equipment. Contractor (DN Higgins) for the city replaced asphalt road. Dust monitor was placed downwind and checked every thirty minutes to verify working conditions are acceptable and below action limits. Dust control measures were performed during excavation and backfilling operations using the water truck. All excavation and backfilling activities were performed in accordance with the project work plan.
4	Initial ☐ Follow up ☒	Metro Trucking transported 6 loads (134.42 Tons) of Non-Hazardous Contaminated Soil to Cemex Environmental Services in Miami, FL for disposal. Each load was manifested and signed by the truck driver and Randy Dumaop as an agent of the U.S. Navy. Discount Rock & Sand hauled off 3 loads of asphalt / concrete debris. Continued logging and updating waste into the project T&D log which is used to track waste from generation to final disposition. All waste management activities were performed in accordance with the project work plan.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/27/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 025
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
9 Loads of Certified Clean Fill Dirt (approx. 162 CYs / 180 Tons)	Fill Dirt	YES ☒ NO ☐	Discount Rock & Sand
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop	SIGNATURE OF INSPECTOR:	
ACCUMULATION/ STOCKPILE AREA LOCATION	Hazardous PCB contaminated soil stockpile staged in Grids D-2 and D-3.		

NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: Excavations and staging areas were inspected and no deficiencies found and in accordance with the APP and project work plan.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

Metro Trucking transported 6 loads (134.42 Tons) of Non-Hazardous Contaminated Soil to Cemex Environmental Services in Miami, FL for disposal.

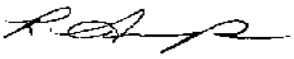
GENERAL COMMENTS (rework, directives, etc.):

Contractor (DN Higgins) for the city replaced asphalt road.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

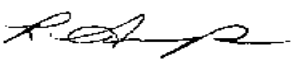
Pre-Task Safety Plan, T&D Log, Daily Excavation As-built

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



PROJECT QC MANAGER'S SIGNATURE — 01/27/2012 DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



PROJECT QC MANAGER'S SIGNATURE — 01/27/2012 DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/28/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 026
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☒
2	Pre-Excavation Survey	☐	☐	☒
3	Soil Excavation and Backfill	☐	☐	☒
4	Waste Management	☐	☐	☒
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☒ Follow up ☒	Continued daily inspections of materials and equipment to be in conformance with the project and manufacturer's specifications. Water truck was used to control dust as needed. Continued using signage, barricades and caution tape along the North and South side of the road to control site access. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☐ Follow up ☒	Continued verifying re-marking excavation boundaries as necessary.
3	Initial ☐ Follow up ☒	Removed asphalt (1" – 6" thick) off of excavation areas and staged for disposal. Completed excavating the Hazardous PCB contaminated soil 4 ft bls within Grids C-2 and D-2 with a dedicated bucket on the excavator. Hazardous contaminated soil was stockpiled within the excavation boundary and covered with poly sheeting. Continued backfilling excavated areas in 6" – 8" lifts and compacting with heavy equipment. Dust monitor was placed downwind and checked every thirty minutes to verify working conditions are acceptable and below action limits. Dust control measures were performed during excavation and backfilling operations using the water truck. All excavation and backfilling activities were performed in accordance with the project work plan.
4	Initial ☐ Follow up ☒	Continued logging and updating waste into the project T&D log which is used to track waste from generation to final disposition. All waste management activities were performed in accordance with the project work plan.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/28/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 026
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

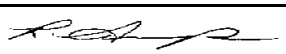
MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop	SIGNATURE OF INSPECTOR:	
ACCUMULATION/ STOCKPILE AREA LOCATION	Hazardous PCB contaminated soil stockpile staged in Grids D-2 and D-3.		

NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: Excavations and staging areas were inspected and no deficiencies found and in accordance with the APP and project work plan.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

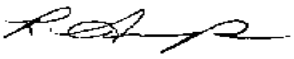
No T&D today.

GENERAL COMMENTS (rework, directives, etc.):

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

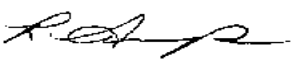
Pre-Task Safety Plan, T&D Log, Daily Excavation As-built

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



PROJECT QC MANAGER'S SIGNATURE — 01/28/2012 DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



PROJECT QC MANAGER'S SIGNATURE — 01/28/2012 DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/29/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 027
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☐
2	Pre-Excavation Survey	☐	☐	☐
3	Soil Excavation and Backfill	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☐	No work performed on this DFOW.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☐	No work performed on this DFOW.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.
7	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/29/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 027
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
None		

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

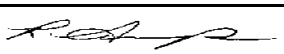
MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
None		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop	SIGNATURE OF INSPECTOR:	
ACCUMULATION/ STOCKPILE AREA LOCATION	Hazardous PCB contaminated soil stockpile staged in Grids D-2 and D-3.		

NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: No inspection performed on this date.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

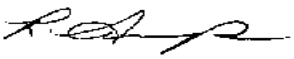
GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

None

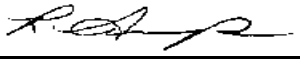
On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



01/29/2012

PROJECT QC MANAGER'S SIGNATURE — DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



01/29/2012

PROJECT QC MANAGER'S SIGNATURE — DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/30/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 028
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☒
2	Pre-Excavation Survey	☐	☐	☒
3	Soil Excavation and Backfill	☐	☐	☒
4	Waste Management	☐	☐	☒
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☒ Follow up ☒	Continued daily inspections of materials and equipment to be in conformance with the project and manufacturer's specifications. Water truck was used to control dust as needed. Continued using signage, barricades and caution tape along the North and South side of the road to control site access. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☐ Follow up ☒	Continued verifying re-marking excavation boundaries as necessary.
3	Initial ☐ Follow up ☒	Continued removing asphalt (1" – 6" thick) off of excavation areas and staged for disposal. Continued excavating non-hazardous contaminated soil 6-inches bls from within Grids C-4, D-3, D-4, D-5, G-3, H-3, H-4, H-5, I-3, I-4, and I-5. Excavated soil was loaded into haul trucks for T&D. Received 13 loads of common fill (approx. 234 CYs / 260 Tons) from Discount Rock & Sand in Marathon, FL. Continued backfilling excavated areas in 6" – 8" lifts and compacting with heavy equipment. Dust monitor was placed downwind and checked every thirty minutes to verify working conditions are acceptable and below action limits. Dust control measures were performed during excavation and backfilling operations using the water truck. All excavation and backfilling activities were performed in accordance with the project work plan.
4	Initial ☐ Follow up ☒	Metro Trucking transported 20 loads (approx. 429.14 Tons) of Non-Hazardous Contaminated Soil to Cemex Environmental Services in Miami, FL for disposal. Each load was manifested and signed by the truck driver and Randy Dumaop as an agent of the U.S. Navy. Continued logging and updating waste into the project T&D log which is used to track waste from generation to final disposition. All waste management activities were performed in accordance with the project work plan.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

TASK/ACTIVITY	DATE ISSUED	DESCRIPTION
None		

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/30/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 028
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

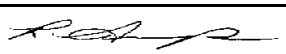
MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
13 Loads of Certified Clean Fill Dirt (approx. 234 CYs / 260 Tons)	Fill Dirt	YES ☒ NO ☐	Discount Rock & Sand
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	Hazardous PCB contaminated soil stockpile staged in Grids D-2 and D-3.						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: Excavations and staging areas were inspected and no deficiencies found and in accordance with the APP and project work plan.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

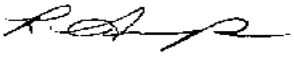
Metro Trucking transported 20 loads (approx. 429.14 Tons) of Non-Hazardous Contaminated Soil to Cemex Environmental Services in Miami, FL for disposal.

GENERAL COMMENTS (rework, directives, etc.):

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

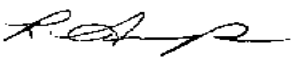
Pre-Task Safety Plan, T&D Log, Daily Excavation As-built

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



PROJECT QC MANAGER'S SIGNATURE — DATE: 01/30/2012

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



PROJECT QC MANAGER'S SIGNATURE — DATE: 01/30/2012

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/31/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 029
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☒
2	Pre-Excavation Survey	☐	☐	☒
3	Soil Excavation and Backfill	☐	☐	☒
4	Waste Management	☐	☐	☒
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☒ Follow up ☒	Continued daily inspections of materials and equipment to be in conformance with the project and manufacturer's specifications. Water truck was used to control dust as needed. Continued using signage, barricades and caution tape along the North and South side of the road to control site access. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☐ Follow up ☒	Continued verifying re-marking excavation boundaries as necessary.
3	Initial ☐ Follow up ☒	Continued removing asphalt (1" – 6" thick) off of excavation areas and staged for disposal. Continued excavating non-hazardous contaminated soil 2-ft bls from within Grids D-2, E-1, E-2, F-1, and F-2. Excavated soil was loaded into haul trucks for T&D. Received 2 loads of common fill (approx. 36 CYs / 40 Tons) and 12 loads of 50/50 backfill mix (approx. 216 CYs / 240 Tons) from Discount Rock & Sand in Marathon, FL. Continued backfilling excavated areas in 6" – 8" lifts and compacting with heavy equipment. Dust monitor was placed downwind and checked every thirty minutes to verify working conditions are acceptable and below action limits. Dust control measures were performed during excavation and backfilling operations using the water truck. All excavation and backfilling activities were performed in accordance with the project work plan.
4	Initial ☐ Follow up ☒	Metro Trucking transported 13 loads (280.32 Tons) of Non-Hazardous Contaminated Soil to Cemex Environmental Services in Miami, FL for disposal. Each load was manifested and signed by the truck driver and Randy Dumaop as an agent of the U.S. Navy. Discount Rock & Sand hauled off 5 loads of asphalt / concrete debris. Continued logging and updating waste into the project T&D log which is used to track waste from generation to final disposition. All waste management activities were performed in accordance with the project work plan.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 01/31/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 029
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

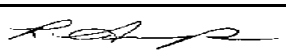
MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
2 Loads of Certified Clean Fill Dirt (approx. 36 CYs / 40 Tons)	Fill Dirt	YES ☒ NO ☐	Discount Rock & Sand
12 Loads of Certified Clean 50-50 Fill Dirt (approx. 216 CYs / 240 Tons)	50 / 50 Mix	YES ☒ NO ☐	Discount Rock & Sand
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop	SIGNATURE OF INSPECTOR:	
ACCUMULATION/ STOCKPILE AREA LOCATION	Hazardous PCB contaminated soil stockpile staged in Grids D-2 and D-3.		

NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: Excavations and staging areas were inspected and no deficiencies found and in accordance with the APP and project work plan.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

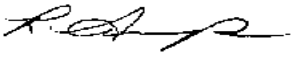
Metro Trucking transported 13 loads (280.32 Tons) of Non-Hazardous Contaminated Soil to Cemex Environmental Services in Miami, FL for disposal.

GENERAL COMMENTS (rework, directives, etc.):

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

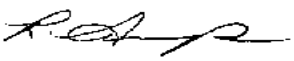
Pre-Task Safety Plan, T&D Log, Daily Excavation As-built

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



PROJECT QC MANAGER'S SIGNATURE — 01/31/2012 DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



PROJECT QC MANAGER'S SIGNATURE — 01/31/2012 DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/01/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 030
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☒
2	Pre-Excavation Survey	☐	☐	☒
3	Soil Excavation and Backfill	☐	☐	☒
4	Waste Management	☐	☐	☒
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☒ Follow up ☒	Continued daily inspections of materials and equipment to be in conformance with the project and manufacturer's specifications. Water truck was used to control dust as needed. Continued using signage, barricades and caution tape along the North and South side of the road to control site access. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☐ Follow up ☒	Continued verifying re-marking excavation boundaries as necessary.
3	Initial ☐ Follow up ☒	Completed removing asphalt (1" – 6" thick) off of excavation areas and staged for disposal. Continued excavating non-hazardous contaminated soil 6-inches bls from within Grids D-1, D-2, D-3, D-4, D-5, E-2, E-3, E-4, E-5, F-2, F-3, F-4, F-5, G-4, and G-5. Completed excavating NH contaminated soil 2-ft bls from within Grids D-2 and E-2. Excavated soil was loaded into haul trucks for T&D. Received 4 loads of common fill (approx. 72 CYs / 80 Tons) and 12 loads of 50/50 backfill mix (approx. 216 CYs / 240 Tons) from Discount Rock & Sand in Marathon, FL. Continued backfilling excavated areas in 6" – 8" lifts and compacting with heavy equipment. Dust monitor was placed downwind and checked every thirty minutes to verify working conditions are acceptable and below action limits. Dust control measures were performed during excavation and backfilling operations using the water truck. All excavation and backfilling activities were performed in accordance with the project work plan.
4	Initial ☐ Follow up ☒	Metro Trucking transported 12 loads (250.42 Tons) of Non-Hazardous Contaminated Soil to Cemex Environmental Services in Miami, FL for disposal. Each load was manifested and signed by the truck driver and Randy Dumaop as an agent of the U.S. Navy. Discount Rock & Sand hauled off 7 loads of asphalt / concrete debris. Continued logging and updating waste into the project T&D log which is used to track waste from generation to final disposition. All waste management activities were performed in accordance with the project work plan.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/01/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 030
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

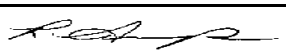
MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
4 Loads of Certified Clean Fill Dirt (approx. 72 CYs / 80 Tons)	Fill Dirt	YES ☒ NO ☐	Discount Rock & Sand
12 Loads of Certified Clean 50-50 Fill Dirt (approx. 216 CYs / 240 Tons)	50 / 50 Mix	YES ☒ NO ☐	Discount Rock & Sand
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop	SIGNATURE OF INSPECTOR:	
ACCUMULATION/ STOCKPILE AREA LOCATION	Hazardous PCB contaminated soil stockpile staged in Grids D-2 and D-3.		

NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: Excavations and staging areas were inspected and no deficiencies found and in accordance with the APP and project work plan.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

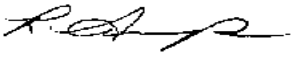
Metro Trucking transported 12 loads (250.42 Tons) of Non-Hazardous Contaminated Soil to Cemex Environmental Services in Miami, FL for disposal.

GENERAL COMMENTS (rework, directives, etc.):

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

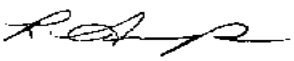
Pre-Task Safety Plan, T&D Log, Daily Excavation As-built

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



PROJECT QC MANAGER'S SIGNATURE — 02/01/2012 DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



PROJECT QC MANAGER'S SIGNATURE — 02/01/2012 DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/02/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 031
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☒
2	Pre-Excavation Survey	☐	☐	☒
3	Soil Excavation and Backfill	☐	☐	☒
4	Waste Management	☐	☐	☒
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☒ Follow up ☒	Continued daily inspections of materials and equipment to be in conformance with the project and manufacturer's specifications. Water truck was used to control dust as needed. Continued using signage, barricades and caution tape along the North and South side of the road to control site access. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☐ Follow up ☒	Continued verifying re-marking excavation boundaries as necessary.
3	Initial ☐ Follow up ☒	Continued excavating non-hazardous contaminated soil 6-inches bls from within Grids D-1, D-2, E-1, E-2, F-1, G-1, H-1, I-1, J-1, and J-2. Excavated soil was loaded into haul trucks for T&D. Received 7 loads of common fill (approx. 126 CYs / 140 Tons) and 10 loads of 50/50 backfill mix (approx. 180 CYs / 200 Tons) from Discount Rock & Sand in Marathon, FL. Continued backfilling excavated areas in 6" – 8" lifts and compacting with heavy equipment. Dust monitor was placed downwind and checked every thirty minutes to verify working conditions are acceptable and below action limits. Dust control measures were performed during excavation and backfilling operations using the water truck. All excavation and backfilling activities were performed in accordance with the project work plan.
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5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/02/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 031
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
7 Loads of Certified Clean Fill Dirt (approx. 126 CYs / 140 Tons)	Fill Dirt	YES ☒ NO ☐	Discount Rock & Sand
10 Loads of Certified Clean 50-50 Fill Dirt (approx. 180 CYs / 200 Tons)	50 / 50 Mix	YES ☒ NO ☐	Discount Rock & Sand
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop	SIGNATURE OF INSPECTOR:	
ACCUMULATION/ STOCKPILE AREA LOCATION	Hazardous PCB contaminated soil stockpile staged in Grids D-2 and D-3.		

NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: Excavations and staging areas were inspected and no deficiencies found and in accordance with the APP and project work plan.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

Metro Trucking transported 12 loads (264.55 Tons) of Non-Hazardous Contaminated Soil to Cemex Environmental Services in Miami, FL for incineration.

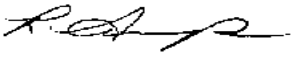
GENERAL COMMENTS (rework, directives, etc.):

Cut the 1" water line north of the water meter and capped per Doug Bradshaw (City of Key West).

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

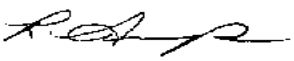
Pre-Task Safety Plan, T&D Log, Daily Excavation As-built

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



PROJECT QC MANAGER'S SIGNATURE — DATE: 02/02/2012

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



PROJECT QC MANAGER'S SIGNATURE — DATE: 02/02/2012

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/03/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 032
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☒
2	Pre-Excavation Survey	☐	☐	☒
3	Soil Excavation and Backfill	☐	☐	☒
4	Waste Management	☐	☐	☒
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☒ Follow up ☒	Continued daily inspections of materials and equipment to be in conformance with the project and manufacturer's specifications. Water truck was used to control dust as needed. Continued using signage, barricades and caution tape along the North and South side of the road to control site access. Began installing approx. 600 ft of silt fence along the south side of the side along the Angela St. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☐ Follow up ☒	Continued verifying re-marking excavation boundaries as necessary.
3	Initial ☐ Follow up ☒	Continued excavating non-hazardous contaminated soil 6-inches bls from within Grids F-1, F-2, F-3, G-2, G-3, G-4, I-1, I-2, J-1, and J-2. Excavated soil was loaded into haul trucks for T&D. Received 12 loads of common fill (approx. 216 CYs / 240 Tons) and 4 loads of 50/50 backfill mix (approx. 72 CYs / 80 Tons) from Discount Rock & Sand in Marathon, FL. Continued backfilling excavated areas in 6" – 8" lifts and compacting with heavy equipment. Dust monitor was placed downwind and checked every thirty minutes to verify working conditions are acceptable and below action limits. Dust control measures were performed during excavation and backfilling operations using the water truck. All excavation and backfilling activities were performed in accordance with the project work plan.
4	Initial ☐ Follow up ☒	Metro Trucking transported 24 loads (approx. 504 Tons) of Non-Hazardous Contaminated Soil to Cemex Environmental Services in Miami, FL for incineration. Each load was manifested and signed by the truck driver and Randy Dumaop as an agent of the U.S. Navy. Continued logging and updating waste into the project T&D log which is used to track waste from generation to final disposition. All waste management activities were performed in accordance with the project work plan.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/03/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 032
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
12 Loads of Certified Clean Fill Dirt (approx. 216 CYs / 240 Tons)	Fill Dirt	YES ☒ NO ☐	Discount Rock & Sand
4 Loads of Certified Clean 50-50 Fill Dirt (approx. 72 CYs / 80 Tons)	50 / 50 Mix	YES ☒ NO ☐	Discount Rock & Sand
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	Hazardous PCB contaminated soil stockpile staged in Grids D-2 and D-3.						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: Excavations and staging areas were inspected and no deficiencies found and in accordance with the APP and project work plan.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

Metro Trucking transported 24 loads (approx. 504 Tons) of Non-Hazardous Contaminated Soil to Cemex Environmental Services in Miami, FL for incineration.

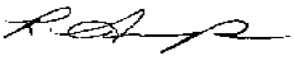
GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

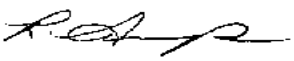
Pre-Task Safety Plan, T&D Log, Daily Excavation As-built

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



PROJECT QC MANAGER'S SIGNATURE — DATE: 02/03/2012

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



PROJECT QC MANAGER'S SIGNATURE — DATE: 02/03/2012

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/04/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 033
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☒
2	Pre-Excavation Survey	☐	☐	☒
3	Soil Excavation and Backfill	☐	☐	☒
4	Waste Management	☐	☐	☒
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☒ Follow up ☒	Continued daily inspections of materials and equipment to be in conformance with the project and manufacturer's specifications. Water truck was used to control dust as needed. Continued using signage, barricades and caution tape along the North and South side of the road to control site access. Completed silt fence installation on the south side of the side along the Angela St. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☐ Follow up ☒	Continued verifying re-marking excavation boundaries as necessary.
3	Initial ☐ Follow up ☒	Received 5 loads of 50/50 backfill mix (approx. 90 CYs / 100 Tons) from Discount Rock & Sand in Marathon, FL. Continued backfilling excavated areas in 6" – 8" lifts and compacting with heavy equipment. Continued leveling and grading backfilled areas to original grade. Dust monitor was placed downwind and checked every thirty minutes to verify working conditions are acceptable and below action limits. Dust control measures were performed during backfilling operations using the water truck. All backfilling activities were performed in accordance with the project work plan.
4	Initial ☐ Follow up ☒	Continued logging and updating waste into the project T&D log which is used to track waste from generation to final disposition. All waste management activities were performed in accordance with the project work plan.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/04/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 033
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

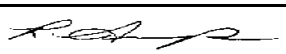
MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
5 Loads of Certified Clean 50-50 Fill Dirt (approx. 90 CYs / 100 Tons)	50 / 50 Mix	YES ☒ NO ☐	Discount Rock & Sand
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop	SIGNATURE OF INSPECTOR:	
ACCUMULATION/ STOCKPILE AREA LOCATION	Hazardous PCB contaminated soil stockpile staged in Grids D-2 and D-3.		

NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: Excavations and staging areas were inspected and no deficiencies found and in accordance with the APP and project work plan.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

No T&D today.

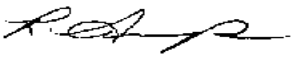
GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

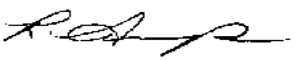
Pre-Task Safety Plan

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



PROJECT QC MANAGER'S SIGNATURE — DATE: 02/04/2012

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



PROJECT QC MANAGER'S SIGNATURE — DATE: 02/04/2012

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/05/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 034
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☐
2	Pre-Excavation Survey	☐	☐	☐
3	Soil Excavation and Backfill	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☐	No work performed on this DFOW.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☐	No work performed on this DFOW.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.
7	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/05/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 034
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
None		

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

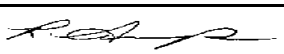
MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
None		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop	SIGNATURE OF INSPECTOR:	
ACCUMULATION/ STOCKPILE AREA LOCATION	Hazardous PCB contaminated soil stockpile staged in Grids D-2 and D-3.		

NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: No inspection performed on this date.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

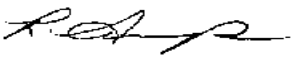
GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

None

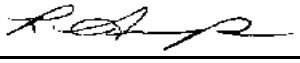
On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



02/05/2012

PROJECT QC MANAGER'S SIGNATURE — DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



02/05/2012

PROJECT QC MANAGER'S SIGNATURE — DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/06/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 035
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☒
2	Pre-Excavation Survey	☐	☐	☒
3	Soil Excavation and Backfill	☐	☐	☒
4	Waste Management	☐	☐	☒
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☒ Follow up ☒	Continued daily inspections of materials and equipment to be in conformance with the project and manufacturer's specifications. Water truck was used to control dust as needed. Continued using signage, barricades and caution tape along the North and South side of the road to control site access. Completed silt fence installation on the south side of the side along the Angela St. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☐ Follow up ☒	Continued verifying re-marking excavation boundaries as necessary.
3	Initial ☐ Follow up ☒	Received 20 loads of 50/50 backfill mix (approx. 360 CYs / 400 Tons) from Discount Rock & Sand in Marathon, FL. Continued backfilling excavated areas in 6" – 8" lifts and compacting with heavy equipment. Continued leveling and grading backfilled areas to original grade. Dust monitor was placed downwind and checked every thirty minutes to verify working conditions are acceptable and below action limits. Dust control measures were performed during backfilling operations using the water truck. All backfilling activities were performed in accordance with the project work plan.
4	Initial ☐ Follow up ☒	Continued logging and updating waste into the project T&D log which is used to track waste from generation to final disposition. All waste management activities were performed in accordance with the project work plan.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/06/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 035
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

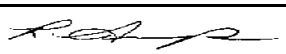
MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
20 Loads of Certified Clean 50-50 Fill Dirt (approx. 360 CYs / 400 Tons)	50 / 50 Mix	YES ☒ NO ☐	Discount Rock & Sand
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop	SIGNATURE OF INSPECTOR:	
ACCUMULATION/ STOCKPILE AREA LOCATION	Hazardous PCB contaminated soil stockpile staged in Grids D-2 and D-3.		

NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: Excavations and staging areas were inspected and no deficiencies found and in accordance with the APP and project work plan.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

No T&D today.

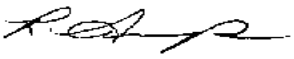
GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

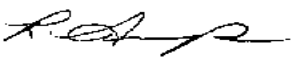
Pre-Task Safety Plan

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



PROJECT QC MANAGER'S SIGNATURE — DATE: 02/06/2012

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



PROJECT QC MANAGER'S SIGNATURE — DATE: 02/06/2012

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/07/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 036
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☒
2	Pre-Excavation Survey	☐	☐	☒
3	Soil Excavation and Backfill	☐	☐	☒
4	Waste Management	☐	☐	☒
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☒	Continued daily inspections of materials and equipment to be in conformance with the project and manufacturer's specifications. Water truck was used to control dust as needed. Continued using signage, barricades and caution tape along the North and South side of the road to control site access. Continued installing silt fence along the south side of the side along the Angela St. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☐ Follow up ☒	Continued verifying re-marking excavation boundaries as necessary.
3	Initial ☐ Follow up ☒	Completed excavating non-hazardous contaminated soil 6-inches bls from within Grids F-3, F-4, G-3, and G-4. Excavated soil was loaded into haul trucks for T&D. Received 12 loads of 50/50 backfill mix (approx. 216 CYs / 240 Tons) from Discount Rock & Sand in Marathon, FL. Continued excavating PCB >50 PPM contaminated soil 6-inches bls within Grids C-3/D-3 and loading into haul truck for disposal. Continued backfilling excavated areas in 6" – 8" lifts and compacting with heavy equipment. Dust monitor was placed downwind and checked every thirty minutes to verify working conditions are acceptable and below action limits. Dust control measures were performed during excavation and backfilling operations using the water truck. All excavation and backfilling activities were performed in accordance with the project work plan.
4	Initial ☐ Follow up ☒	Metro Trucking transported 4 loads (approx. 84 Tons) of Non-Hazardous Contaminated Soil to Cemex Environmental Services in Miami, FL for disposal. Each non-hazardous load was manifested and signed by the truck driver and Randy Dumaop as an agent of the U.S. Navy. (5) US Bulk Transport, (3) Robbie D. Wood, and (1) SWS trucks transported PCB >50 PPM contaminated soil (approx. 218 Tons) to Chemical Waste Management in Emelle, AL for disposal. All trucks HAZ trucks were lined with poly and placard with Class 9 on all sides of the trailer. Vincent Sucameli with NAVFAC inspected each truck and drivers CDL license before signing the Uniform Hazardous Waste Manifest as the Generator for the US Navy. Continued logging and updating waste into the project T&D log which is used to track waste from generation to final disposition. All waste management activities were performed in accordance with the project work plan.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/07/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 036
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
12 Loads of Certified Clean 50/50 Mix Fill Dirt (approx. 216 CYs / 240 Tons)	50 / 50 Mix	YES ☒ NO ☐	Discount Rock & Sand
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop	SIGNATURE OF INSPECTOR:	
ACCUMULATION/ STOCKPILE AREA LOCATION	Hazardous PCB contaminated soil stockpile staged in Grids D-2 and D-3.		

NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: Excavations and staging areas were inspected and no deficiencies found and in accordance with the APP and project work plan.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

Metro Trucking transported 4 loads (approx. **84 Tons**) of Non-Hazardous Contaminated Soil to Cemex Environmental Services in Miami, FL for disposal.

(5) US Bulk Transport, (3) Robbie D. Wood, and (1) SWS trucks transported PCB >50 PPM contaminated soil (approx. **218 Tons**) to Chemical Waste Management in Emelle, AL for disposal.

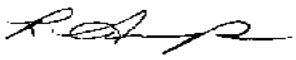
GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

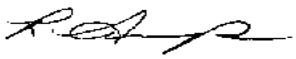
Pre-Task Safety Plan, T&D Log, Daily Excavation As-built

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



PROJECT QC MANAGER'S SIGNATURE — DATE: 02/07/2012

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



PROJECT QC MANAGER'S SIGNATURE — DATE: 02/07/2012

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/08/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 037
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☒
2	Pre-Excavation Survey	☐	☐	☒
3	Soil Excavation and Backfill	☐	☐	☒
4	Waste Management	☐	☐	☒
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☒	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☒	Continued daily inspections of materials and equipment to be in conformance with the project and manufacturer's specifications. Water truck was used to control dust as needed. Continued using signage, barricades and caution tape along the North and South side of the road to control site access. Completed installing silt fence along the south side of the side along the Angela St. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☐ Follow up ☒	Continued verifying re-marking excavation boundaries as necessary.
3	Initial ☐ Follow up ☒	Received 8 loads of 50/50 backfill mix (approx. 144 CYs / 160 Tons) from Discount Rock & Sand in Marathon, FL. Continued backfilling excavated areas in ~6" lifts and compacting with heavy equipment. Dust monitor was placed downwind and checked every thirty minutes to verify working conditions are acceptable and below action limits. Dust control measures were performed during excavation and backfilling operations using the water truck. All excavation and backfilling activities were performed in accordance with the project work plan.
4	Initial ☐ Follow up ☒	Discount Rock & Sand hauled off approx. 1 CY of construction debris for disposal. Continued logging and updating waste into the project T&D log which is used to track waste from generation to final disposition. All waste management activities were performed in accordance with the project work plan.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☒ Follow up ☐	United Rentals picked up the drum roller and extra excavator bucket.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/08/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 037
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

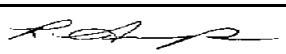
MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
8 Loads of Certified Clean 50/50 Mix Fill Dirt (approx. 144 CYs / 160 Tons)	50 / 50 Mix	YES ☒ NO ☐	Discount Rock & Sand
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	Hazardous PCB contaminated soil stockpile staged in Grids D-2 and D-3.						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: Excavations and staging areas were inspected and no deficiencies found and in accordance with the APP and project work plan.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

No T&D today.

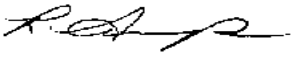
GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

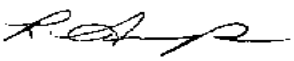
Pre-Task Safety Plan, T&D Log

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



PROJECT QC MANAGER'S SIGNATURE — DATE: 02/08/2012

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



PROJECT QC MANAGER'S SIGNATURE — DATE: 02/08/2012

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/09/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 038
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☒
2	Pre-Excavation Survey	☐	☐	☐
3	Soil Excavation and Backfill	☐	☐	☒
4	Waste Management	☐	☐	☒
5	Confirmatory Soil Sampling	☐	☐	☒
6	Demobilization	☐	☒	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☒	Continued daily inspections of materials and equipment to be in conformance with the project and manufacturer's specifications. Water truck was used to control dust as needed. Continued using signage, barricades and caution tape along the North and South side of the road to control site access. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☒	Completed excavating PCB >50 PPM contaminated soil 6-inches bls within Grids C-2/D-2 and loading into haul trucks and roll-off containers for disposal. Received 2 loads of 50/50 backfill mix (approx. 36 CYs / 40 Tons) from Discount Rock & Sand in Marathon, FL. Continued backfilling excavated areas in ~6" lifts and compacting with heavy equipment. Began dragging backfilled and graded areas with chain link fence in preparations for next week's Hydroseeding. Dust monitor was placed downwind and checked every thirty minutes to verify working conditions are acceptable and below action limits. Dust control measures were performed during excavation and backfilling operations using the water truck. All excavation and backfilling activities were performed in accordance with the project work plan.
4	Initial ☐ Follow up ☒	(1) US Bulk Transport and (2) Robbie D. Wood trucks transported PCB >50 PPM contaminated soil (approx. 64 Tons) to Chemical Waste Management in Emelle, AL for disposal. (2) SWS Environmental Services Roll-Off containers were loaded with PCB >50 PPM contaminated soil (approx. 32 Tons) and staged until pickup and transport tomorrow. All trucks HAZ trucks were lined with poly and placard with Class 9 on all sides of the trailer. Vincent Sucameli with NAVFAC inspected each truck and drivers CDL license before signing the Uniform Hazardous Waste Manifest as the Generator for the US Navy. Continued logging and updating waste into the project T&D log which is used to track waste from generation to final disposition. All waste management activities were performed in accordance with the project work plan.
5	Initial ☐ Follow up ☒	The sampling and analysis plan was reviewed for proper procedures. Confirmed that appropriate equipment and material was available to complete the sampling activities. After PCBs excavation and load out the excavator bucket was decontaminated and sampled to be analyzed by PEL Labs for PCBs by method 8082. All sampling activities along with chain of custody documentation were performed in accordance with the SAP outlined in the project work plan. Samples were shipped overnight via FedEx to PEL Labs in Tampa, FL.
6	Initial ☒ Follow up ☐	United Rentals picked up the drum roller and extra excavator bucket. L. Garcia-Somuk (AGVIQ) demobilized from Key West, Fl.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/09/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 038
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
(1) PCB Wipe Sampling – Excavator Bucket: PCBs by 8082	AGVIQ – CH2M HILL / PEL Labs	N. Monroe

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

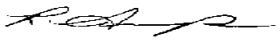
MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
2 Loads of Certified Clean 50/50 Mix Fill Dirt (approx. 36 CYs / 40 Tons)	50 / 50 Mix	YES ☒ NO ☐	Discount Rock & Sand
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop	SIGNATURE OF INSPECTOR:	
ACCUMULATION/ STOCKPILE AREA LOCATION	(2) – SWS Environmental Services roll-off containers are staged acroos the street where the former DRMO used to be. Containers are properly placard and labeled with Hazardous Waste labels.		

NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	2	NO OF DRUMS:	N/A

INSPECTION RESULTS: Excavations and staging areas were inspected and no deficiencies found and in accordance with the APP and project work plan.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

(1) US Bulk Transport and (2) Robbie D. Wood trucks transported PCB >50 PPM contaminated soil (approx. **64 Tons**) to Chemical Waste Management in Emelle, AL for disposal.

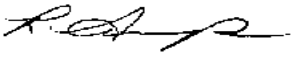
GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

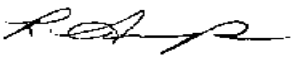
Pre-Task Safety Plan, T&D Log, Haz Waste Manifest

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



PROJECT QC MANAGER'S SIGNATURE — DATE: 02/09/2012

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



PROJECT QC MANAGER'S SIGNATURE — DATE: 02/09/2012

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/10/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 039
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☒
2	Pre-Excavation Survey	☐	☐	☐
3	Soil Excavation and Backfill	☐	☐	☒
4	Waste Management	☐	☐	☒
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☒	☒

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☒	Continued daily inspections of materials and equipment to be in conformance with the project and manufacturer's specifications. Water truck was used to control dust as needed. No deficiencies found and today's work was performed in accordance with the APP and project work plan.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☒	Received 2 loads of 50/50 backfill mix (approx. 36 CYs / 40 Tons) from Discount Rock & Sand in Marathon, FL. Completed backfilling excavated areas in ~6" lifts and compacting with heavy equipment. Completed dragging backfilled and graded areas with chain link fence in preparations for next week's hydroseeding. Dust monitor was placed downwind and checked every thirty minutes to verify working conditions are acceptable and below action limits. Dust control measures were performed during backfilling operations using the water truck. All backfilling activities were performed in accordance with the project work plan.
4	Initial ☐ Follow up ☒	SWS Environmental Services truck transported one roll-off container containing PCB >50 PPM contaminated soil (approx. 16 Tons) to Chemical Waste Management in Emelle, AL for disposal. (1) SWS Environmental Services Roll-Off container loaded with PCB >50 PPM contaminated soil (approx. 16 Tons) remains staged until pickup and transport on Monday the 13th. Roll-off and truck is placard with Class 9 on all sides of the trailer. Vincent Sucameli with NAVFAC inspected haul truck with roll-off container and driver CDL license before signing the Uniform Hazardous Waste Manifest as the Generator for the US Navy. Continued logging and updating waste into the project T&D log which is used to track waste from generation to final disposition. All waste management activities were performed in accordance with the project work plan.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☒ Follow up ☒	United Rentals picked up the excavator and the 1000 gallon diesel fuel tank. The office container and generator was disconnected and prepared for pickup. Returned material and equipment to Four Star Rental and the CH2M HILL Key West storage unit. R. Dumaop (AGVIQ) and M. Jayroe (AGVIQ) demobilized from Key West, FL.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/10/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 039
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
None		

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
2 Loads of Certified Clean 50/50 Mix Fill Dirt (approx. 36 CYs / 40 Tons)	50 / 50 Mix	YES ☒ NO ☐	Discount Rock & Sand
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop	SIGNATURE OF INSPECTOR:	
ACCUMULATION/ STOCKPILE AREA LOCATION	(1) – SWS Environmental Services roll-off container is staged across the street where the former DRMO used to be. Container is properly placard and labeled with Hazardous Waste labels.		

NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	1	NO OF DRUMS:	N/A

INSPECTION RESULTS: Roll-off staging area were inspected and no deficiencies found and in accordance with the APP and project work plan.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

SWS Environmental Services truck transported one 20 CY roll-off container loaded with PCB >50 PPM contaminated soil (approx. **16 Tons**) to Chemical Waste Management in Emelle, AL for disposal.

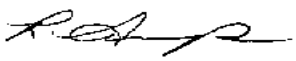
GENERAL COMMENTS (rework, directives, etc.):

R. Dumaop demobilized from Key West, FL to Homestead, FL to oversee SWS transfer operations of non-hazardous soil manifest load # 45632 into (2) roll-offs manifest #46819 and # 46820 which will be delivered to Cemex in Miami, FL on Monday the 13th for disposal.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

Pre-Task Safety Plan, T&D Log, Haz Waste Manifest

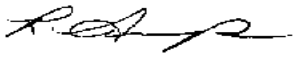
On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



02/10/2012

PROJECT QC MANAGER'S SIGNATURE — DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



02/10/2012

PROJECT QC MANAGER'S SIGNATURE — DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/11/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 040
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☐
2	Pre-Excavation Survey	☐	☐	☐
3	Soil Excavation and Backfill	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☐	No work performed on this DFOW.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☐	No work performed on this DFOW.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.
7	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/11/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 040
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
None		

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
None		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop	SIGNATURE OF INSPECTOR:	
ACCUMULATION/ STOCKPILE AREA LOCATION	(1) – SWS Environmental Services roll-off container is staged across the street where the former DRMO used to be. Container is properly placard and labeled with Hazardous Waste labels.		

NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	1	NO OF DRUMS:	N/A

INSPECTION RESULTS: No inspection performed on this date.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

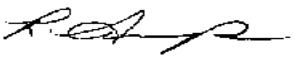
GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

None

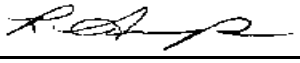
On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



02/11/2012

PROJECT QC MANAGER'S SIGNATURE — DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



02/11/2012

PROJECT QC MANAGER'S SIGNATURE — DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/12/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 041
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☐
2	Pre-Excavation Survey	☐	☐	☐
3	Soil Excavation and Backfill	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☐	No work performed on this DFOW.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☐	No work performed on this DFOW.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.
6	Initial ☐ Follow up ☐	No work performed on this DFOW.
7	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/12/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 041
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Randy Dumaop	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
None		

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

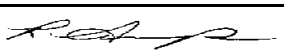
MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
None		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	R. Dumaop	SIGNATURE OF INSPECTOR:	
ACCUMULATION/ STOCKPILE AREA LOCATION	(1) – SWS Environmental Services roll-off container is staged across the street where the former DRMO used to be. Container is properly placard and labeled with Hazardous Waste labels.		

NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	1	NO OF DRUMS:	N/A

INSPECTION RESULTS: No inspection performed on this date.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

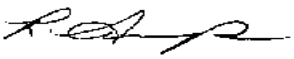
GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

None

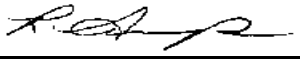
On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.



02/12/2012

PROJECT QC MANAGER'S SIGNATURE — DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.



02/12/2012

PROJECT QC MANAGER'S SIGNATURE — DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/13/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 042
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☐
2	Pre-Excavation Survey	☐	☐	☐
3	Soil Excavation and Backfill	☐	☐	☐
4	Waste Management	☐	☐	☒
5	Confirmatory Soil Sampling	☐	☐	☒
6	Demobilization	☐	☐	☒

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☐	No work performed on this DFOW.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☒	Turned over last roll-off of PCB soils to SWS, Vincent Sucameli/NAVFAC signed manifest.
5	Initial ☐ Follow up ☒	Collected wipe sample off excavator bucket after decontaminating it.
6	Initial ☐ Follow up ☒	The bulldozer, water truck, generator, skid steer, mobile office and excavator bucket remain on site. Disposed of trash into on base dumpster.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None			Wipe samples were >10mg/cm2 for PCBs.	Decontaminated excavator bucket and collected additional wipe samples

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/13/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 042
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
JM22-QCWIPE4-021312 @ 11:00	PEL	Nicole Monroe

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
None		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTALS INSPECTION / REVIEW

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	Nicole Monroe	SIGNATURE OF INSPECTOR:	
ACCUMULATION/ STOCKPILE AREA LOCATION	There is no more waste on site.		

NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	0	NO OF DRUMS:	N/A

INSPECTION RESULTS: No inspection performed on this date.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

(1) – SWS Environmental Services roll-off container #83608 was removed for T&D by SWS Truck#7008. Manifest # 001309895 GBF. Estimated 22,353 tons.

GENERAL COMMENTS (rework, directives, etc.):

The excavator bucket wipe sample result was >10 mg/cm2 PCBs. I decontaminated the bucket again per CFR 40 761 and included a diesel wipe-down before washing/scrubbing twice with phosphate free detergent and D.I. rinse after each wash. After the bucket dried completely, I collected another wipe sample per S.O.P.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

None

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

PROJECT QC MANAGER'S SIGNATURE — DATE: 02/13/2012

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

PROJECT QC MANAGER'S SIGNATURE — DATE: 02/13/2012

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/16/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 043
PROJECT NO: 395475 / 1982	PROJECT QC MANAGER: Nikki Monroe	SITE H&S SPECIALIST: Nikki Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☐
2	Pre-Excavation Survey	☐	☐	☐
3	Soil Excavation and Backfill	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐
7	Hydroseeding	☐	☒	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☐	No work performed on this DFOW.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☒	No work performed on this DFOW.
5	Initial ☐ Follow up ☒	No work performed on this DFOW.
6	Initial ☐ Follow up ☒	No work performed on this DFOW.
7	Initial ☐ Follow up ☒	Florida Hydroseeding mobilized to the site and began installing the temporary irrigation system.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/16/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 043
PROJECT NO: 395475 / 1982	PROJECT QC MANAGER: Nikki Monroe	SITE H&S SPECIALIST: Nikki Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
1" sch 40 PVC pipe	None	YES ☒ NO ☐	
2" sch 40 PVC pipe	None	YES ☒ NO ☐	
1.5" sch 40 PVC pipe	None	YES ☒ NO ☐	
fittings	None	YES ☒ NO ☐	
Solenoids w/ control box	None	YES ☒ NO ☐	
sprinklers	None	YES ☒ NO ☐	
Support stands	None	YES ☒ NO ☐	
Sand/rock bags	None	YES ☒ NO ☐	

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	Nikki Monroe			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	There is no more waste on site.						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	0	NO OF DRUMS:	N/A

INSPECTION RESULTS: No inspection performed on this date.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

GENERAL COMMENTS (rework, directives, etc.):

None

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

None

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

PROJECT QC MANAGER'S SIGNATURE — 02/16/2012 DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

PROJECT QC MANAGER'S SIGNATURE — 02/16/2012 DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/17/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 044
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☐
2	Pre-Excavation Survey	☐	☐	☐
3	Soil Excavation and Backfill	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐
7	Hydroseeding	☐	☐	☒

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☐	No work performed on this DFOW.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☒	No work performed on this DFOW.
5	Initial ☐ Follow up ☒	No work performed on this DFOW.
6	Initial ☐ Follow up ☒	No work performed on this DFOW.
7	Initial ☐ Follow up ☒	Florida Hydroseeding continued installing the temporary irrigation system and de-mobilized from the site. An additional drive-over ramp is ordered and the task will be completed next week.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
additional drive-over ramp	2/17/12	NOAA has an additional driveway that requires a drive-over ramp, we were informed today.	Order and install an additional drive-over ramp to allow NOAA access over the irrigation feeder line to a storage yard.	Florida Hydroseed ordered an additional ramp to be delivered to the business next week.

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/17/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 044
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
None		

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	Nicole Monroe			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	There is no more waste on site.						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: No inspection performed on this date.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

GENERAL COMMENTS (rework, directives, etc.):

NOAA/Marine Sanctuary Research informed Brad Tanzer/Florida Hydroseeding that they need access to an additional driveway besides the one driveway initially discussed during our first 2 meetings. Brad T. will order an additional ramp to allow access. The 2" feeder pipe cannot be installed until the ramp is in place.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

None

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

PROJECT QC MANAGER'S SIGNATURE — 02/17/2012 DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

PROJECT QC MANAGER'S SIGNATURE — 02/17/2012 DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/27/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 046
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☐
2	Pre-Excavation Survey	☐	☐	☐
3	Soil Excavation and Backfill	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐
7	Hydroseeding	☐	☐	☒

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☐	No work performed on this DFOW.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☒	No work performed on this DFOW.
5	Initial ☐ Follow up ☒	No work performed on this DFOW.
6	Initial ☐ Follow up ☒	No work performed on this DFOW.
7	Initial ☐ Follow up ☒	Florida Hydroseeding completed installation of the temporary irrigation system (including the drive-over ramps), hydroseed the site and de-mobilized. Weekly/rain event inspections will begin.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 02/27/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 046
PROJECT NO: 1982-3954790	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
None		

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
Modular drive-over ramps	2 Channel heavy Duty Cable Guard	YES ☒ NO ☐	
Hydroseeding trailer/tank	Finn T120 Hydroseeder	YES ☒ NO ☐	
Fertilizer		YES ☒ NO ☐	
Bahia, Millet, Rye, Burmuda seed		YES ☒ NO ☐	
Wood Fiber Mulch		YES ☒ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	Nicole Monroe			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	There is no more waste on site.						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: No inspection performed on this date.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

GENERAL COMMENTS (rework, directives, etc.):

The hydroseeding installation task is complete. Weekly and rain event inspections begin and will continue with maintenance, as needed, until Parcel K has 75% grass/growth coverage. We will remove the silt fence at that time.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

None

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

PROJECT QC MANAGER'S SIGNATURE — 02/27/2012 DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

PROJECT QC MANAGER'S SIGNATURE — 02/27/2012 DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 03/05/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 047
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☐
2	Pre-Excavation Survey	☐	☐	☐
3	Soil Excavation and Backfill	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐
7	Hydroseeding	☐	☐	☒

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☐	No work performed on this DFOW.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☒	No work performed on this DFOW.
5	Initial ☐ Follow up ☒	No work performed on this DFOW.
6	Initial ☐ Follow up ☒	No work performed on this DFOW.
7	Initial ☐ Follow up ☒	Weekly/rain event inspection.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 03/05/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 047
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
None		

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	Nicole Monroe			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	There is no more waste on site.						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: No inspection performed on this date.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

GENERAL COMMENTS (rework, directives, etc.):

Weekly and rain event inspections will continue with maintenance, as needed, until Parcel K has 70% grass/growth coverage. We will remove the silt fence and irrigation system at that time.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

None

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

PROJECT QC MANAGER'S SIGNATURE — 03/05/2012 DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

PROJECT QC MANAGER'S SIGNATURE — 03/05/2012 DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 03/13/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 048
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☐
2	Pre-Excavation Survey	☐	☐	☐
3	Soil Excavation and Backfill	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐
7	Hydroseeding	☐	☐	☒

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☐	No work performed on this DFOW.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☒	No work performed on this DFOW.
5	Initial ☐ Follow up ☒	No work performed on this DFOW.
6	Initial ☐ Follow up ☒	No work performed on this DFOW.
7	Initial ☐ Follow up ☒	Weekly/rain event inspection.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 03/13/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 048
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
None		

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	Nicole Monroe			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	There is no more waste on site.						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: No inspection performed on this date.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

GENERAL COMMENTS (rework, directives, etc.):

Weekly and rain event inspections will continue with maintenance, as needed, until Parcel K has 70% grass/growth coverage. We will remove the silt fence and irrigation system at that time.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

None

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

PROJECT QC MANAGER'S SIGNATURE — 03/13/2012 DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

PROJECT QC MANAGER'S SIGNATURE — 03/13/2012 DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 03/21/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 049
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☐
2	Pre-Excavation Survey	☐	☐	☐
3	Soil Excavation and Backfill	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐
7	Hydroseeding	☐	☐	☒

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☐	No work performed on this DFOW.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☒	No work performed on this DFOW.
5	Initial ☐ Follow up ☒	No work performed on this DFOW.
6	Initial ☐ Follow up ☒	No work performed on this DFOW.
7	Initial ☐ Follow up ☒	Weekly/rain event inspection. Re-tied a 50foot section of silt fence.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 03/21/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 049
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
None		

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	Nicole Monroe			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	There is no more waste on site.						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: No inspection performed on this date.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

GENERAL COMMENTS (rework, directives, etc.):

Weekly and rain event inspections will continue with maintenance, as needed, until Parcel K has 70% grass/growth coverage. We will remove the silt fence and irrigation system at that time.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

None

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

PROJECT QC MANAGER'S SIGNATURE — 03/21/2012 DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

PROJECT QC MANAGER'S SIGNATURE — 03/21/2012 DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 03/29/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 050
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☐
2	Pre-Excavation Survey	☐	☐	☐
3	Soil Excavation and Backfill	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐
7	Hydroseeding	☐	☐	☒

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☐	No work performed on this DFOW.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☒	No work performed on this DFOW.
5	Initial ☐ Follow up ☒	No work performed on this DFOW.
6	Initial ☐ Follow up ☒	No work performed on this DFOW.
7	Initial ☐ Follow up ☒	Weekly/rain event inspection.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 03/29/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 050
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
None		

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	Nicole Monroe			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	There is no more waste on site.						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: No inspection performed on this date.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

GENERAL COMMENTS (rework, directives, etc.):

Weekly and rain event inspections will continue with maintenance, as needed, until Parcel K has 70% grass/growth coverage. We will remove the silt fence and irrigation system at that time.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

None

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

PROJECT QC MANAGER'S SIGNATURE — 03/29/2012 DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

PROJECT QC MANAGER'S SIGNATURE — 03/29/2012 DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 04/18/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 051
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☐
2	Pre-Excavation Survey	☐	☐	☐
3	Soil Excavation and Backfill	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐
7	Hydroseeding	☐	☐	☒

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☐	No work performed on this DFOW.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☒	No work performed on this DFOW.
5	Initial ☐ Follow up ☒	No work performed on this DFOW.
6	Initial ☐ Follow up ☒	No work performed on this DFOW.
7	Initial ☐ Follow up ☒	Final growth inspection by Robert Courtright/NAVFAC.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 04/18/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 051
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
None		

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	Nicole Monroe			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	There is no more waste on site.						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: No inspection performed on this date.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

GENERAL COMMENTS (rework, directives, etc.):

Parcel K has the minimum 70% grass/growth coverage. The irrigation system was removed on April 5, 2012. The silt fence will be removed upon written approval from the Navy.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

None

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

PROJECT QC MANAGER'S SIGNATURE — 04/18/2012 DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

PROJECT QC MANAGER'S SIGNATURE — 04/18/2012 DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 05/17/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 052
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☐
2	Pre-Excavation Survey	☐	☐	☐
3	Soil Excavation and Backfill	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐
7	Hydroseeding	☐	☐	☒

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☐	No work performed on this DFOW.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☒	No work performed on this DFOW.
5	Initial ☐ Follow up ☒	No work performed on this DFOW.
6	Initial ☐ Follow up ☒	No work performed on this DFOW.
7	Initial ☐ Follow up ☒	Silt fence and anchor post removal.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 05/17/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 052
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
None		

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	Nicole Monroe			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	The silt fence materials are stacked on site and will be removed from site upon completion.						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: No inspection performed on this date.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

GENERAL COMMENTS (rework, directives, etc.):

Rainy/stormy weather.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

None

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

PROJECT QC MANAGER'S SIGNATURE — 05/17/2012 DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

PROJECT QC MANAGER'S SIGNATURE — 05/17/2012 DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 05/18/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 053
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☐
2	Pre-Excavation Survey	☐	☐	☐
3	Soil Excavation and Backfill	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐
7	Hydroseeding	☐	☐	☒

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☐	No work performed on this DFOW.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☒	No work performed on this DFOW.
5	Initial ☐ Follow up ☒	No work performed on this DFOW.
6	Initial ☐ Follow up ☒	No work performed on this DFOW.
7	Initial ☐ Follow up ☒	Silt fence and anchor post removal.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 05/18/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 053
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
None		

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	Nicole Monroe			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	The silt fence materials are stacked on site and will be removed from site upon completion.						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: No inspection performed on this date.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

GENERAL COMMENTS (rework, directives, etc.):

Rainy/stormy weather.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

None

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

PROJECT QC MANAGER'S SIGNATURE — 05/18/2012 DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

PROJECT QC MANAGER'S SIGNATURE — 05/18/2012 DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 05/21/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 054
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☐
2	Pre-Excavation Survey	☐	☐	☐
3	Soil Excavation and Backfill	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Confirmatory Soil Sampling	☐	☐	☐
6	Demobilization	☐	☐	☐
7	Hydroseeding	☐	☐	☒

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☐	No work performed on this DFOW.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☒	No work performed on this DFOW.
5	Initial ☐ Follow up ☒	No work performed on this DFOW.
6	Initial ☐ Follow up ☒	No work performed on this DFOW.
7	Initial ☐ Follow up ☒	Completed silt fence removal.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 05/21/2012 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida	REPORT NO: 054
PROJECT NO: 1982-395479	PROJECT QC MANAGER: Nicole Monroe	SITE H&S SPECIALIST: Nicole Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
None		

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: NA

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	Nicole Monroe			SIGNATURE OF INSPECTOR:			
ACCUMULATION/ STOCKPILE AREA LOCATION	The silt fence materials are stacked on site and will be removed from site upon determination of it's future use.						
NO OF CONTAINERS:	N/A	NO OF TANKS:	N/A	NO OF ROLL-OFF BOXES:	N/A	NO OF DRUMS:	N/A

INSPECTION RESULTS: No inspection performed on this date.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

GENERAL COMMENTS (rework, directives, etc.):

Rainy/stormy weather.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.):

None

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

PROJECT QC MANAGER'S SIGNATURE — 05/21/2012 DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

PROJECT QC MANAGER'S SIGNATURE — 05/21/2012 DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 08/12/2013 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL	REPORT NO: 055
PROJECT NO: 395475 / 1982	PROJECT QC MANAGER: Nikki Monroe	SITE H&S SPECIALIST: Nikki Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☒
2	Monitoring well installation/abandonment	☐	☐	☐
3	Groundwater sampling	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Demobilization	☐	☐	☐
6		☐	☐	☐
7		☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☒	CH2M HILL staff marked out the 5 proposed monitoring well locations. Geotek conducted utility located services. Utilities were located for a 20 foot radius around each of the proposed well locations.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☐	No work performed on this DFOW.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 08/12/2013 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL	REPORT NO: 055
PROJECT NO: 395475 / 1982	PROJECT QC MANAGER: Nikki Monroe	SITE H&S SPECIALIST: Nikki Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
None		

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
None		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: None

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	n/a			SIGNATURE OF INSPECTOR:	n/a		
ACCUMULATION/ STOCKPILE AREA LOCATION	No waste is accumulated for this site.						
NO OF CONTAINERS:	0	NO OF TANKS:	0	NO OF ROLL-OFF BOXES:	0	NO OF DRUMS:	0

INSPECTION RESULTS: n/a

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:
None

GENERAL COMMENTS (rework, directives, etc.):
None.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.): None.

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

PROJECT QC MANAGER'S SIGNATURE — 08/12/2013 DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

PROJECT QC MANAGER'S SIGNATURE — 08/12/2013 DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 08/20/2013 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL	REPORT NO: 056
PROJECT NO: 395475 / 1982	PROJECT QC MANAGER: John Towns	SITE H&S SPECIALIST: Nikki Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☒
2	Monitoring well installation/abandonment	☐	☐	☐
3	Groundwater sampling	☐	☐	☐
4	Waste Management	☐	☐	☐
5	Demobilization	☐	☐	☐
6		☐	☐	☐
7		☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☒	CH2M HILL and Partridge Drilling staff mobilize to the site for monitoring well installation. Conducted site walk to identify well locations and utility markings. Reviewed Work Plan, H&S Plan, and AHAs. Set up equipment staging area and decontamination area on the asphalt pad in the center of the site. Conducted equipment inspections. Took pre-construction photos.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☐	No work performed on this DFOW.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 08/20/2013 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL	REPORT NO: 056
PROJECT NO: 395475 / 1982	PROJECT QC MANAGER: John Towns	SITE H&S SPECIALIST: Nikki Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
None		

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
Drill rig	Geoprobe 6610DT	YES ☒ NO ☐	Good condition.
Well material	Sch40 PVC, 0.01" slotted screen	YES ☒ NO ☐	Good condition, new.
Sand pack	20/30 silica sand	YES ☒ NO ☐	Good condition, new.
Seal	30/65 silica sand	YES ☒ NO ☐	Good condition, new.
Cement	Type I/II Portland cement	YES ☒ NO ☐	Good condition, new.
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: None

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	n/a			SIGNATURE OF INSPECTOR:	n/a		
ACCUMULATION/ STOCKPILE AREA LOCATION	No waste is accumulated for this site.						
NO OF CONTAINERS:	0	NO OF TANKS:	0	NO OF ROLL-OFF BOXES:	0	NO OF DRUMS:	0

INSPECTION RESULTS: n/a

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:
None

GENERAL COMMENTS (rework, directives, etc.):
Heavy rain and thunderstorms delayed work for 5 hours. Problems with Randy Baker's/Partridge base pass delayed work for 2 hours.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.): None.

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

John Towns — 08/20/2013

PROJECT QC MANAGER'S SIGNATURE — DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

John Towns — 08/20/2013

PROJECT QC MANAGER'S SIGNATURE — DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 08/21/2013 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL	REPORT NO: 057
PROJECT NO: 395475 / 1982	PROJECT QC MANAGER: John Towns	SITE H&S SPECIALIST: Nikki Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☐
2	Monitoring well installation/abandonment	☐	☒	☐
3	Groundwater sampling	☐	☐	☐
4	Waste Management	☐	☐	☒
5	Demobilization	☐	☐	☐
6		☐	☐	☐
7		☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☐	No work performed on this DFOW.
2	Initial ☒ Follow up ☐	Drilled MW-I2E to 14' bls using 6.5" OD hollow stem auger. Boring was backfilled from 14' to 13' bls with 20/30 silica sand. Set well at 13' bls. Well is constructed of 2" diameter Sch40 PVC, pointed end cap, 10' of 0.01" slotted screen from 13' to 3' bls., 3' of riser to surface. Sand Pack: (5.5) 50# bags of 20/30 silica sand from 13' to 1' bls. Seal: (0.5) 50# bags of 30/65 silica sand from 1' to 0.5' bls. Developed MW-I2E using a centrifuge pump attached to the drill rig and down-hole tremie pipe. Pumped well at 2 gpm. Removed 32 gallons of water during development. Water quality parameters are recorded during well development.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☒	Soil cuttings are placed in a 55-gallon drum. Groundwater from well development is placed in a separate 55-gallon drum. Both drums are labeled and staged on a wooden pallet next to MW-I2E.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 08/21/2013 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL	REPORT NO: 057
PROJECT NO: 395475 / 1982	PROJECT QC MANAGER: John Towns	SITE H&S SPECIALIST: Nikki Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
None		

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
None		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: None

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	John Towns			SIGNATURE OF INSPECTOR:	*John Towns*		
ACCUMULATION/ STOCKPILE AREA LOCATION	On site next to well MW-I2E.						
NO OF CONTAINERS:	0	NO OF TANKS:	0	NO OF ROLL-OFF BOXES:	0	NO OF DRUMS:	2

INSPECTION RESULTS: One soil drum and one water drum. Drums are on a wooden pallet and are in good condition. No leaking observed.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:
None

GENERAL COMMENTS (rework, directives, etc.):
None.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.): None.

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

John Towns
PROJECT QC MANAGER'S SIGNATURE

08/21/2013
DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

John Towns
PROJECT QC MANAGER'S SIGNATURE

08/21/2013
DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 08/22/2013 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL	REPORT NO: 058
PROJECT NO: 395475 / 1982	PROJECT QC MANAGER: John Towns	SITE H&S SPECIALIST: Nikki Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☐
2	Monitoring well installation/abandonment	☐	☐	☐
3	Groundwater sampling	☐	☒	☐
4	Waste Management	☐	☐	☒
5	Demobilization	☐	☐	☐
6		☐	☐	☐
7		☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☐	No work performed on this DFOW.
2	Initial ☒ Follow up ☐	Collected groundwater sample from MW-I2E using a peristaltic pump and new polyethylene tubing. Water quality parameters are recorded during well purge. Sample is placed immediately on ice after collection. Sample is sent to GCAL in Baton Rouge, LA for lead analysis.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☒	Groundwater from well purge is placed in a 55-gallon drums with the well development water.
5	Initial ☐ Follow up ☐	No work performed on this DFOW.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 08/22/2013 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL	REPORT NO: 058
PROJECT NO: 395475 / 1982	PROJECT QC MANAGER: John Towns	SITE H&S SPECIALIST: Nikki Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
Groundwater sampling - lead	CH2M HILL/GCAL	J. Towns – CH2M HILL

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
None		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: None

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	John Towns	SIGNATURE OF INSPECTOR:	*John Towns*
ACCUMULATION/ STOCKPILE AREA LOCATION	On site next to well MW-I2E.		

NO OF CONTAINERS:	0	NO OF TANKS:	0	NO OF ROLL-OFF BOXES:	0	NO OF DRUMS:	2

INSPECTION RESULTS: One soil drum and one water drum. Drums are on a wooden pallet and are in good condition. No leaking observed.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:
None

GENERAL COMMENTS (rework, directives, etc.):
None.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.): COC 130822.

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

John Towns — 08/22/2013

PROJECT QC MANAGER'S SIGNATURE — DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

John Towns — 08/22/2013

PROJECT QC MANAGER'S SIGNATURE — DATE

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 08/29/2013 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL	REPORT NO: 059
PROJECT NO: 395475 / 1982	PROJECT QC MANAGER: John Towns	SITE H&S SPECIALIST: Nikki Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☐
2	Monitoring well installation/abandonment	☐	☐	☒
3	Groundwater sampling	☐	☐	☐
4	Waste Management	☐	☐	☒
5	Demobilization	☐	☐	☒
6		☐	☐	☐
7		☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☐	No work performed on this DFOW.
2	Initial ☐ Follow up ☒	Well MW-I2E is abandoned by pulling out the PVC well and filling the hole with grout. Grout is placed from 13' bls to surface.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☒	The two drums are moved by Navy personnel from their location near MW-I2E to a fenced location on nearby Navy property. The move is directed by Vince Sucameli/Navy waste manager.
5	Initial ☐ Follow up ☒	Partridge drilling and CH2M HILL demobilized from the site.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 08/29/2013 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL	REPORT NO: 059
PROJECT NO: 395475 / 1982	PROJECT QC MANAGER: John Towns	SITE H&S SPECIALIST: Nikki Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
None		

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
None		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: None

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	John Towns	SIGNATURE OF INSPECTOR:	*John Towns*
ACCUMULATION/ STOCKPILE AREA LOCATION	Fenced area on Navy property near the site.		

NO OF CONTAINERS:	0	NO OF TANKS:	0	NO OF ROLL-OFF BOXES:	0	NO OF DRUMS:	2

INSPECTION RESULTS: One soil drum and one water drum. Drums are on a wooden pallet and are in good condition. No leaking observed.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:
None

GENERAL COMMENTS (rework, directives, etc.):
None.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.): None.

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

John Towns
PROJECT QC MANAGER'S SIGNATURE

08/29/2013
DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

John Towns
PROJECT QC MANAGER'S SIGNATURE

08/29/2013
DATE

AGVIO CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 09/10/2013 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL	REPORT NO: 060
PROJECT NO: 395475 / 1982	PROJECT QC MANAGER: John Towns	SITE H&S SPECIALIST: Nikki Monroe

SAFETY MEETINGS AND INSPECTIONS

WAS A SAFETY MEETING HELD THIS DAY?	☒ YES	☐ NO	IF YES, ATTACH SAFETY MEETING MINUTES
WAS CRANE USED ON THE SITE THIS DAY?	☐ YES	☒ NO	IF YES, ATTACH DAILY CRANE REPORT OF INSPECTION AND CONTRACTOR CRANE OPERATION CHECKLIST

DEFINABLE FEATURES OF WORK STATUS

DFOW No.	Definable Feature Of Work	Preparatory	Initial	Follow-Up
1	Mobilization/Site Preparation	☐	☐	☐
2	Monitoring well installation/abandonment	☐	☐	☐
3	Groundwater sampling	☐	☐	☐
4	Waste Management	☐	☐	☒
5	Demobilization	☐	☐	☒
6		☐	☐	☐
7		☐	☐	☐

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? ☐ YES ☒ NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

DFOW No.(from list above).	TASK/ACTIVITY	PREPARATORY PHASE REPORT NO.

INITIAL AND FOLLOW-UP FEATURE OF WORK COMMENTS

DFOW No.(from list above)	Phase	Comment/Finding/Action
1	Initial ☐ Follow up ☐	No work performed on this DFOW.
2	Initial ☐ Follow up ☐	No work performed on this DFOW.
3	Initial ☐ Follow up ☐	No work performed on this DFOW.
4	Initial ☐ Follow up ☒	The two IDW drums were sampled for disposal.
5	Initial ☐ Follow up ☒	CH2M HILL demobilized from the site.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)			**REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)**	
TASK/ACTIVITY	DATE ISSUED	DESCRIPTION	TASK/ACTIVITY	CORRECTIVE ACTION(S) TAKEN
None				

AGVIQ CH2M HILL **Small Business RAC** **N62470-08-D-1006**	**CONTRACTOR QUALITY CONTROL REPORT** (ATTACH ADDITIONAL SHEETS IF NECESSARY)	REPORT DATE: 09/10/2013 REVISION NO: REVISION DATE:
TO NO: JM22	PROJECT NAME/LOCATION: Parcel K/NAS Key West, FL	REPORT NO: 060
PROJECT NO: 395475 / 1982	PROJECT QC MANAGER: John Towns	SITE H&S SPECIALIST: Nikki Monroe

SAMPLING/TESTING PERFORMED

SAMPLING/TESTING PERFORMED	SAMPLING/TESTING COMPANY	SAMPLING/TESTING PERSONNEL
HFSB-IDW-W-091013	CH2M HILL/GCAL	Nikki Monroe
HFSB-IDW-S-091013	CH2M HILL/GCAL	Nikki Monroe

MATERIALS/EQUIPMENT INSPECTION (Materials received and inspected against specifications)

MATERIAL/EQUIPMENT DESCRIPTION	SPECIFICATION	MATERIAL ACCEPTED?	COMMENT/REASON/ACTION
None		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	
		YES ☐ NO ☐	

SUBMITTAL NO	SUBMITTAL DESCRIPTION	SPEC/PLAN REFERENCE	SUBMITTAL APPROVED?	COMMENT/REASON/ACTION
None			YES ☐ NO ☐	

OFF-SITE SURVEILLANCE ACTIVITIES, INCLUDING ACTIONS TAKEN: None

ACCUMULATION/STOCKPILE AREA INSPECTION

INSPECTION PERFORMED BY:	Nikki Monroe			SIGNATURE OF INSPECTOR:	Nikki Monroe		
ACCUMULATION/ STOCKPILE AREA LOCATION	On Navy Mole Pier property near the site, adjacent to 90day Haz holding building.						
NO OF CONTAINERS:	0	NO OF TANKS:	0	NO OF ROLL-OFF BOXES:	0	NO OF DRUMS:	2

INSPECTION RESULTS: One soil drum and one water drum. Drums are on a wooden pallet and are in good condition. No leaking observed.

TRANSPORTATION AND DISPOSAL ACTIVITIES/SUMMARY/QUANTITIES:

None

GENERAL COMMENTS (rework, directives, etc.):

None.

LIST OF ATTACHMENTS (examples, as applicable: preparatory phase checklist, QC meeting minutes, safety meeting minutes, crane inspections, crane operation checklist, COCs, weight tickets, manifests, profiles, rework item list, testing plan and log, etc.): None.

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Nikki Monroe

PROJECT QC MANAGER'S SIGNATURE

09/10/2013

DATE

On behalf of the contractor, I attest that the work for which payment is requested, including stored material, is in compliance with contract requirements.

Nikki Monroe

PROJECT QC MANAGER'S SIGNATURE

09/10/2013

DATE

Appendix E
Project Photographs

Photo E-1: Pre-excavation Facing Northeast
16 Jan 2012

Photo E-2: Pre-excavation Facing East
16 Jan 2012

Photo E-3: Pre-excavation – Utilities Marked along Road
Facing West 17 Jan 2012

Photo E-4: Pre-excavation – Utilities Marked North of Road
Facing West 17 Jan 2012

Photo E-5: Pre-excavation – Utilities Marked North of Road
Facing South 17 Jan 2012

Photo E-6: Pre-excavation – Utility Pole Center of Site
Facing Southeast 17 Jan 2012

Photo E-7: Pre-excavation – Vegetation Center of Site
Facing West 17 Jan 2012

Photo E-8: Pre-excavation – Vegetation Center of Site
Facing South 17 Jan 2012

Photo E-9: Pre-excavation – Inactive Sewer Lift Station
Facing Southwest 17 Jan 2012

Photo E-10: Pre-excavation – Electrical Hookup and Guard Shack
Facing South 17 Jan 2012

Photo E-11: Pre-excavation Confirmation Sampling Around D2W
18 Jan 2012

Photo E-12: Gate at Entrance to Mole Pier
Security Wires Buried in Asphalt Facing West 19 Jan 2012

Photo E-13: Silt Fence Installation Around Site Perimeter
East Side Facing South 20 Jan 2012

Photo E-14: Silt Fence Installation Around Site Perimeter
North Side Facing East 20 Jan 2012

Photo E-15: Pre-excavation Asphalt Cutting in Road
Facing West 20 Jan 2012

Photo E-16: Water Truck Wetting Site Along North Fence Line
Facing Northwest 21 Jan 2012

Photo E-17: Silt fence Installation Along North Fence Line
Facing West 21 Jan 2012

Photo E-18: Concrete Demolition
Facing North 21 Jan 2012

Photo E-19: Soil Excavation Begins - East Side of Site
Facing East-Southeast 23 Jan 2012

Photo E-20: Soil Excavation Begins - East Side of Site
Facing East-Southeast 23 Jan 2012

Photo E-21: Soil Excavation Begins - East Side of Site
Facing East-Southeast 23 Jan 2012

Photo E-22: Soil Excavation Old Pipe Exposed - East Side of Site
Facing North 23 Jan 2012

Photo E-23: Soil Excavation - East Side of Site
Facing East 23 Jan 2012

Photo E-24: Soil Loading Begins - East Side of Site
Facing East 23 Jan 2012

Photo E-25: Soil Load Out Begins
Facing Northeast 23 Jan 2012

Photo E-26: Backfilling Begins – East Side of Site
Facing Northeast 23 Jan 2012

Photo E-27: Backfilling Begins – East Side of Site
Facing Southeast 23 Jan 2012

Photo E-28: Excavation Continues – East Side of Site
Facing Southeast 23 Jan 2012

Photo E-29: Asphalt Removal Along North Side of Road
Facing West 24 Jan 2012

Photo E-30: Asphalt Removal Along North Side of Road
Facing East 24 Jan 2012

Photo E-31: Subsurface Concrete Encountered Center of Site
Facing North 24 Jan 2012

Photo E-32: Excavation Continues
Facing Northwest 24 Jan 2012

Photo E-33: Excavation Around Vault Structure in Road
Facing West 25 Jan 2012

Photo E-34: Excavation Around Conduit in Road
Facing South 25 Jan 2012

Photo E-35: Road Compaction
Facing East 25 Jan 2012

Photo E-36: Additional Roadbed Backfill
Facing East 25 Jan 2012

Photo E-37: Additional Roadbed Backfill and Road Compaction
Facing East 25 Jan 2012

Photo E-38: Excavation Around Sewer Lift Station
Facing Northwest 26 Jan 2012

Photo E-39: Excavation and Backfill Southwest Corner of Site
Facing Southwest 26 Jan 2012

Photo E-40: Excavation of TSCA Waste Area E1
South-Central Portion of Site Facing North 27 Jan 2012

Photo E-41: Excavation of TSCA Waste Area E1
South-Central Portion of Site Facing Northeast 27 Jan 2012

Photo E-42: Backfill of TSCA Waste Area E1
South-Central Portion of Site Facing Northeast 27 Jan 2012

Photo E-43: Paving of Road Begins
Facing West 27 Jan 2012

Photo E-44: Paving of Road
Facing East 27 Jan 2012

Photo E-45: Concrete Debris Uncovered Western Site Excavation
Facing Northwest 27 Jan 2012

Photo E-46: Concrete Debris Uncovered Western Site Excavation
Facing East 28 Jan 2012

Photo E-47: TSCA Waste Stockpile
Facing Southwest 28 Jan 2012

Photo E-48: TSCA Waste Stockpile and Concrete Debris Uncovered Western Site Excavation - Facing Southwest 30 Jan 2012

Photo E-49: Backfilling - Facing North 30 Jan 2012

Photo E-50: Backfilling and Grading – Facing South-Southeast
30 Jan 2012

Photo E-51: Backfilling and Grading – Facing North
3 Feb 2012

Photo E-52: Backfilling and Grading – Facing East
8 Feb 2012

Photo E-53: Backfilling and Grading – Facing West
8 Feb 2012

Photo E-54: Backfilling and Grading – Facing West
8 Feb 2012

Photo E-55: Final Grading – Facing Southwest
10 Feb 2012

Photo E-56: Final Grading – Facing South
10 Feb 2012

Photo E-57: Final Grading – Facing Northeast
13 Feb 2012

Photo E-58: Final Grading – Facing Northwest
13 Feb 2012

Photo E-59: Final Grading – Facing West
13 Feb 2012

Photo E-60: Hydroseed Application – Facing East
27 Feb 2012

Photo E-61: Hydroseed Application – Facing West
27 Feb 2012

Photo E-62: Hydroseed and Irrigation – Facing East
27 Feb 2012

Photo E-63: Hydroseed and Irrigation – Facing North
27 Feb 2012

Photo E-64: Hydroseed – Facing West
27 Feb 2012

Photo E-65: Hydroseed Inspection – Facing East
13 March 2012

Photo E-66: Hydroseed Inspection – Facing South
13 March 2012

Photo E-67: Hydroseed Inspection – Facing North
21 March 2012

Appendix F
Laboratory Data and Data Validation Summary Reports

Backfill

Data Validation Report

TO-JM22 – Parcel K
Area: Backfill Sampling
CH2M Hill Constructors, Inc.

SDG: 3504471 Date: January 12, 2012

Approved For Quality Assurance By:
[illegible] Date 1/13/12

eDATApro

Environmental Data Professional, LLC
6004 Perkins Road Suite A1 • Baton Rouge, LA 70808 • phone: 225-761-4264 • fax: 225-761-4266

Disclaimer:

The validation performed and reported herein is based on specifications and procedures presented to eDATApro with the associated data package. Any qualifications or review not specified with package requirements was based on direction and/or input from the CH2Mhill project Chemist.

Information contained in this report based solely on the hardcopy and/or electronic deliverables that were submitted to eDATApro. EDATApro reserves the rights to modify or change the validation report if new information is presented or if this report is determined to be inaccurate or incomplete.

Cover Letter

Validation Report Date: January 12, 2012

Lab Report Date: 12/01/2011

Contract Task Order (CTO) Number: JM-22

Project Name: Parcel K

Area: Backfill Sampling

Sample Delivery Group: 3504471

CTO Project Manager: Bethany Garvey

Data validation personnel: Tony Duhon and Mike Stewart

Data Deliverables Included:

Validation Report:

- ✓ Data Validation Report
  - ✓ Introduction
  - ✓ Data Validation Findings Summary
  - ✓ Table 1-1, Summary of Qualified Data
  - ✓ Appendix I – Qualified Laboratory Form 1s
  - ✓ Appendix II – Chain of Custody
  - ✓ Appendix III – Copies of completed checklists
  - ✓ EDD with applied data qualifiers
- ✓ Data Validation Reference Package, including
  - ✓ Table 1-2, Acronyms and Abbreviation List
  - ✓ Table 1-3, Data Qualifier Reference Table
  - ✓ Table 1-4, Qualification Code Reference Table

Approval Signature: Anthony Duhon Date: January 12, 2012

INTRODUCTION:

CTO Number: JM-36
Project Name: T-45 Goshawk Crash Site
Area: Backfill/Background Sampling
Laboratory: PEL Laboratories, Inc.
Laboratory Package No. 3504471
Matrix: Soil and water QC

Environmental Data Professional, LLC (eDATApro) received one data package containing two field samples and one equipment blank sample. These samples were validated utilizing CCI-approved checklists based on the Department of Defense Quality System Manual as part of the DOD QSM – Navy Installation Restoration Chemical Data Quality Manual (IRCDQM) and the project specific Scope of Work.

The following samples were reviewed:

Sample ID	Matrix	Lab ID	Parent Sample ID	Collection Date/Time	Analyses
JM22-FS1-110811	Soil	350447101		11/08/2011 16:00	[1-10]
JM22-FS2-110811	Soil	350447102		11/08/2011 16:05	[1-10]
JM22-EB-110811	Water	350447107		11/08/2011 16:10	[1-7][9] [11] [12]

Analyses Performed Codes:

[1] – TCL VOCs – SW-846 8260B
[2] – TCL SVOCs – SW-846 8270D
[3] – PAHs – SW-846 8270D SIM
[4] – TCL Pesticides – SW-846 8081B
[5] – Herbicides – SW-846 8151
[6] – PCBs – SW-846 8082
[7] – TAL metals – SW-846 6010B
[8] – Mercury – SW846 7471A
[9] – TRPH – FL PRO
[10] – pH – SW-846 9045C
[11] – Mercury – SW846 7470A
[12] – pH – SW-846 9040C

DATA VALIDATION FINDINGS SUMMARY

I. General Package:

Please note that the project specific analyte lists and project specific reporting limits were evaluated by an AGVIQ CH2M HILL quality assurance chemist.

II. Executive Summary:

The findings of this quality assurance report are based upon the comprehensive review of the following data categories: chain of custody documentation, holding times, laboratory method and field blank analyses, surrogate compound recoveries, matrix spike compound recoveries and reproducibility, GCMS mass tuning results, initial and continuing calibration, second source recovery and internal standard area performance summaries, target compound identification, laboratory control sample results, laboratory and blind field duplicate sample results, detection limits/sensitivity, and electronic data deliverables.

The analyses were performed acceptably, but require several qualifying statements; it is recommended that the analytical data be used only with the qualifying statements provided below. Any aspects of the data, which are not discussed in this report, should be considered qualitatively and quantitatively valid as reported, based on the deliverables reviewed.

III. Organic Analyses:

- **TCL VOCs – SW-846 8260B:**

  The measurement of 1,2-Dichlorobenzene in the initial analysis of sample JM22-FS1-110811 exceeded the upper limit of the linear range of calibration. Carry-over was suspected and confirmed in a subsequent re-analysis; JM22-FS1-110811RE1.

  Recovery of surrogate analyte Bromofluorobenzene-d4 in sample JM22-FS1-110811 exceeded lower acceptance criteria. An analysis was performed on a separate soil aliquot of the sample and labeled JM22-FS1-110811RE1. The results for all analytes in the initial analysis of sample JM22-FS1-110811 were qualified as un-usable; "R / D", as an alternate analysis produced data of higher quality.

  Recovery of surrogate analyte Bromofluorobenzene-d4 in sample JM22-FS1-110811RE1 reportedly exceeded upper acceptance criteria. The response of the internal standard analyte used to quantitate the surrogate analyte exceeded lower acceptance criteria to the extent that the reported concentration/recovery of the surrogate analyte grossly positively biased. Laboratory results of all analytes in the re-analysis sample JM22-FS1-110811RE1 were qualified as estimated non-detect "UJ / S". Laboratory results of analytes which were quantified using the internal standard which exceeded acceptance criteria were qualified as estimated or estimated non-detect "J or UJ / I,S".

  Recovery of 1,2,3-Trichlorobenzene in laboratory control sample 111411LCS21 exceeded lower acceptance criteria. Recovery of this analyte in the laboratory control sample duplicate did not exceed acceptance criteria; therefore, no qualifications were applied.

A positive hit for Toluene was reported in equipment rinsate blank JM22-EB-110811. This analyte was not detected in any of the samples submitted with this rinsate blank. No qualifications were applied.

- **TCL SVOCs – SW-846 8270D:**

  A positive hit for bis-2-Ethylhexylphthalate was reported in water preparation blank 106028MB. Also, recovery of this analyte in laboratory control sample 106029LCS exceeded upper acceptance criteria, and comparison of concentrations of this analyte the LCS and LCSD samples exceeded RPD acceptance criteria. This analyte was not detected in any of the samples associated with these quality control samples. No qualifications were applied.

  Recovery of Isophorone in the water LCSD sample 106030LCSD exceeded upper acceptance criteria. This analyte was not detected in any of the samples associated with this quality control sample. No qualifications were applied.

  No MS/MSD or LCSD data related to the preparation and analysis of soil samples was included in the data package.

- **PAHs – SW-846 8270D SIM:**

  Recovery of 1-Methylnaphthalene in laboratory control sample 107038LCS exceeded lower acceptance criteria. The laboratory results for this analyte in sample JM22-FS2-110811 was qualified as estimated non-detect "UJ / L".

  No MS/MSD or LCSD data related to the preparation and analysis of soil samples was included in the data package.

- **TCL Pesticides – SW-846 8081B:**

  Soil samples JM22-FS1-110811 and JM22-FS2-110811 were initially analyzed at elevated dilutions due to suspected matrix interference. Subsequent undiluted analyses were performed. The laboratory results reported for the dilution samples, JM22-FS1-110811DL1 and JM22-FS2-110811DL1 were qualified as un-usable; R / D", as an alternate analysis produced data of higher quality.

  No MS/MSD or LCSD data related to the preparation and analysis of soil samples was included in the data package.

- **Herbicides – SW-846 8151:**

  No MS/MSD or LCSD data related to the preparation and analysis of soil samples was included in the data package. No qualifications were applied.

- **PCBs – SW-846 8082:**

  No MS/MSD or LCSD data related to the preparation and analysis of soil samples was included in the data package. No qualifications were applied.

- **TRPH – FL PRO:**

  No MS/MSD or LCSD data related to the preparation and analysis of soil samples was included in the data package. No qualifications were applied.

IV. Inorganic Analyses:

- **TAL metals – SW-846 6010B:**

  Initial calibration blank ICB1029912 was reported with positive hits between the MDLs and the RLs for Aluminum, Barium, Beryllium, Iron, Magnesium, Potassium and Silver. Data qualifications are listed below.

  Equipment rinsate sample JM22-EB-110811 was reported with a positive hit between the MDL and the RL for Aluminum. The laboratory result for Aluminum in this sample was qualified as estimate with possible contribution from method/calibration blank: "JB / MB".

  The laboratory results for Aluminum in samples JM22-FS1-110811 and JM22-FS2-110811 were qualified as estimate with possible contribution from method/calibration blank and equipment rinsate; "JB / MB, F".

  The laboratory results for Barium, Iron and Magnesium in samples JM22-FS1-110811 and JM22-FS2-110811 were qualified as estimate for having possible contribution from method/calibration blank; "B / MB"

  The laboratory results for Potassium and Silver in samples JM22-FS1-110811 and JM22-FS2-110811 were qualified as estimate with possible contribution from method/calibration blank; "JB / MB".

  Elevated dilutions were required for the initial analyses of samples JM22-FS1-110811 and JM22-FS2-110811 due to high concentrations of Sodium in the samples. Secondary dilutions were required for the analysis of Calcium in these samples to obtain measurements within the linear range of calibration.

- **Mercury – SW846 7471A:**

  No qualifications were applied.

- **Mercury – SW846 7470A:**

  No qualifications were applied.

- **pH – SW-846 9045C:**

  No qualifications were applied.

- **pH – SW-846 9040C:**

  No qualifications were applied.

TABLE 1-1

SUMMARY OF QUALIFIED DATA

Target Compound	Sample(s) Affected	Qualifier	Qualification Code or Reason for Qualification
All analytes, Method 8260B	JM22-FS1-110811	R	D-Other more technically sound analysis is available.
All analytes except listed below, Method 8260B	JM22-FS1-110811RE1	UJ	S-Surrogate recovery was outside QC limits.
1,1 2,2-Tetrachloroethane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene 1,2,3-Trichlorobenzene	JM22-FS1-110811RE1	UJ	I-Internal standard performance was unsatisfactory. S-Surrogate recovery was outside QC limits.
1,2-Dichlorobenzene	JM22-FS1-110811RE1	J	I-Internal standard performance was unsatisfactory. S-Surrogate recovery was outside QC limits.
1-Methylnaphthalene	JM22-FS2-110811	UJ	L-Laboratory Blank Spike %R was not within control limits.
All analytes – Method 8081B	JM22-FS1-110811DL1 JM22-FS2-110811DL1	R	D-Other more technically sound analysis is available.
Aluminum	JM22-EB-110811	JB	MB-Presumed Contamination from preparation (method) blank or calibration blank
Aluminum	JM22-FS1-110811 JM22-FS2-110811	JB	MB-Presumed Contamination from preparation (method) blank or calibration blank F- Presumed contamination from FB or ER.
Barium Iron Magnesium	JM22-FS1-110811 JM22-FS2-110811	B	MB-Presumed Contamination from preparation (method) blank or calibration blank
Potassium Silver	JM22-FS1-110811 JM22-FS2-110811	JB	MB-Presumed Contamination from preparation (method) blank or calibration blank

TABLE 1-2

ACRONYMS AND ABBREVIATIONS

%R – Percent Recovery

%D – Percent Difference

EDD – Electronic Data Deliverable

LCS – Laboratory Control Sample

LCSD – Laboratory Control Sample Duplicate

MS – Matrix Spike

MSD – Matrix Spike Duplicate

QC – Quality Control

TABLE 1-3

DATA QUALIFIER REFERENCE

Qualifier	Organics	Inorganics
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit.
J	The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.	The associated value is an estimated quantity.
N	The analysis indicated the presence of an analyte for which there was presumptive evidence to make a "tentative identification"	Not applicable.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.	Not applicable.
UJ	The analyte was not deemed above the reported sample quantitation. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.	The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and to meet the quality control criteria. The presence or absence of the analyte cannot be verified.	The data are unusable. (Note: Analyte may or not be present)
UR	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and to meet the quality control criteria. The presence or absence of the analyte cannot be verified.	The data are unusable. (Note: Analyte may or not be present)
JB	The analyte detected in the associated field, equipment, and/or trip blank.	The analyte detected in the associated field, equipment, and/or trip blank.
B	The analyte detected in the associated method and/or calibration blank	The analyte detected in the associated method and/or calibration blank

TABLE 1-4

QUALIFICATION CODE REFERENCE

Qualifier	Organics	Inorganics
S	Surrogate recovery was outside QC limits.	The sequence or number of standards used for the calibration was incorrect.
C	Calibration %RSD or %D was noncompliant.	Correlation coefficient is <0.995.
K	Second source %D was noncompliant.	Second source %D was noncompliant.
MB	Presumed contamination from preparation (method) blank.	Presumed contamination from preparation (method) blank or calibration blank.
L	Laboratory Blank Spike/Blank Spike Duplicate %R was not within control limits.	Laboratory Control Sample %R was not within control limits.
I	Internal standard performance was unsatisfactory.	ICP ICS results were unsatisfactory.
F	Not applicable	Presumed contamination from FB or ER.
$	Reported result or other information was incorrect.	Reported result or other information was incorrect.
D	The analysis with this flag should not be used because another more technically sound analysis is available.	The analysis with this flag should not be used because another more technically sound analysis is available.

Appendix I
Form 1 Data (Qualified)

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS1-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447101 Lab File ID: 4471-1.D

Sample wt/vol: 4.99 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 11/11/11 Time: 2026

PercentSolids: 81.9 decanted: Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup: (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	01	02
75-71-8	Dichlorodifluoromethane	0.00297	U	0.000734	0.00297	UR	D
74-87-3	Chloromethane	0.00404	U	0.000465	0.00404		
75-01-4	Vinyl chloride	0.00587	U	0.000734	0.00587		
74-83-9	Bromomethane	0.00734	U	0.00147	0.00734		
75-00-3	Chloroethane	0.0176	U	0.000905	0.0176		
75-69-4	Trichlorofluoromethane	0.00245	U	0.000538	0.00245		
75-35-4	1,1-Dichloroethene	0.00245	U	0.000416	0.00245		
75-15-0	Carbon disulfide	0.0044	U	0.00184	0.0044		
75-09-2	Methylene chloride	0.00612	U	0.00147	0.00612		
156-60-5	trans-1,2-Dichloroethene	0.00734	U	0.000477	0.00734		
75-34-3	1,1-Dichloroethane	0.00734	U	0.000416	0.00734		
67-64-1	Acetone	0.0176	U	0.00159	0.0176		
156-59-2	cis-1,2-Dichloroethene	0.0044	U	0.000758	0.0044		
74-97-5	Bromochloromethane	0.0033	U	0.0011	0.0033		
78-93-3	2-Butanone	0.0165	U	0.00171	0.0165		
67-66-3	Chloroform	0.00734	U	0.000661	0.00734		
71-55-6	1,1,1-Trichloroethane	0.00245	U	0.00122	0.00245		
56-23-5	Carbon tetrachloride	0.00734	U	0.000734	0.00734		
71-43-2	Benzene	0.00245	U	0.000612	0.00245		
107-06-2	1,2-Dichloroethane	0.00245	U	0.00122	0.00245		
79-01-6	Trichloroethene	0.00338	U	0.000538	0.00338		
78-87-5	1,2-Dichloropropane	0.00341	U	0.000771	0.00341		
75-27-4	Bromodichloromethane	0.00245	U	0.000391	0.00245		
10061-01-5	cis-1,3-Dichloropropene	0.00245	U	0.000514	0.00245		
108-10-1	4-Methyl-2-pentanone	0.0122	U	0.00196	0.0122		
108-88-3	Toluene	0.00319	U	0.000355	0.00319		

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS1-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447101 Lab File ID: 4471-1.D

Sample wt/vol: 4.99 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 11/11/11 Time: 2026

PercentSolids: 81.9 decanted: Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup: (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	RESULT	Q	MDL	RL	01	02
10061-02-6	trans-1,3-Dichloropropene	0.00245	U	0.00122	0.00245	UR	D
79-00-5	1,1,2-Trichloroethane	0.00734	U	0.001	0.00734		
127-18-4	Tetrachloroethene	0.00341	U	0.00114	0.00341		
591-78-6	2-Hexanone	0.0147	U	0.00159	0.0147		
124-48-1	Dibromochloromethane	0.00367	U	0.000563	0.00367		
106-93-4	1,2-Dibromoethane	0.00367	U	0.001	0.00367		
108-90-7	Chlorobenzene	0.00734	U	0.000428	0.00734		
100-41-4	Ethylbenzene	0.00279	U	0.000844	0.00279		
100-42-5	Styrene	0.00245	U	0.000342	0.00245		
75-25-2	Bromoform	0.0076	U	0.000563	0.0076		
98-82-8	Isopropylbenzene	0.0029	U	0.000734	0.0029		
79-34-5	1,1,2,2-Tetrachloroethane	0.00245	U	0.000722	0.00245		
541-73-1	1,3-Dichlorobenzene	0.0085		0.00055	0.00734	R	
106-46-7	1,4-Dichlorobenzene	0.0604		0.000795	0.00734		
95-50-1	1,2-Dichlorobenzene	0.21	E	0.000685	0.00612		
96-12-8	1,2-Dibromo-3-chloropropane	0.0103	U	0.00342	0.0103	UR	
120-82-1	1,2,4-Trichlorobenzene	0.0286		0.000771	0.00734	R	
87-61-6	1,2,3-Trichlorobenzene	0.00734	U	0.000746	0.00734	UR	
1330-20-7	Xylene (total)	0.00734	U	0.000832	0.00734		
1634-04-4	Methyl tert-butyl ether	0.00245	U	0.000526	0.00245		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00316	U	0.000771	0.00316		
110-82-7	Cyclohexane	0.00301	U	0.00122	0.00301		
79-20-9	Methyl Acetate	0.00807	U	0.00245	0.00807		
108-87-2	Methylcyclohexane	0.00352	U	0.000526	0.00352		

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS1-110811RE1

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447101RE1 Lab File ID: 4471-1.D

Sample wt/vol: 4.8 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 11/14/11 Time: 1303

Percent Solids: 81.9 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup . (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	RESULT	Q	MDL	RL	01	02
						UQ	S
75-71-8	Dichlorodifluoromethane	0.00309	U	0.000763	0.00309		
74-87-3	Chloromethane	0.0042	U	0.000483	0.0042		
75-01-4	Vinyl chloride	0.0061	U	0.000763	0.0061		
74-83-9	Bromomethane	0.00763	U	0.00153	0.00763		
75-00-3	Chloroethane	0.0183	U	0.000941	0.0183		
75-69-4	Trichlorofluoromethane	0.00254	U	0.00056	0.00254		
75-35-4	1,1-Dichloroethene	0.00254	U	0.000432	0.00254		
75-15-0	Carbon disulfide	0.00458	U	0.00191	0.00458		
75-09-2	Methylene chloride	0.00636	U	0.00153	0.00636		
156-60-5	trans-1,2-Dichloroethene	0.00763	U	0.000496	0.00763		
75-34-3	1,1-Dichloroethane	0.00763	U	0.000432	0.00763		
67-64-1	Acetone	0.0183	U	0.00165	0.0183		
156-59-2	cis-1,2-Dichloroethene	0.00458	U	0.000788	0.00458		
74-97-5	Bromochloromethane	0.00343	U	0.00114	0.00343		
78-93-3	2-Butanone	0.0172	U	0.00178	0.0172		
67-66-3	Chloroform	0.00763	U	0.000687	0.00763		
71-55-6	1,1,1-Trichloroethane	0.00254	U	0.00127	0.00254		
56-23-5	Carbon tetrachloride	0.00763	U	0.000763	0.00763		
71-43-2	Benzene	0.00254	U	0.000636	0.00254		
107-06-2	1,2-Dichloroethane	0.00254	U	0.00127	0.00254		
79-01-6	Trichloroethene	0.00351	U	0.00056	0.00351		
78-87-5	1,2-Dichloropropane	0.00355	U	0.000801	0.00355		
75-27-4	Bromodichloromethane	0.00254	U	0.000407	0.00254		
10061-01-5	cis-1,3-Dichloropropene	0.00254	U	0.000534	0.00254		
108-10-1	4-Methyl-2-pentanone	0.0127	U	0.00204	0.0127		
108-88-3	Toluene	0.00332	U	0.000369	0.00332		

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS1-110811RE1

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447101RE1 Lab File ID: 4471-1.D

Sample wt/vol: 4.8 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 11/14/11 Time: 1303

PercentSolids: 81.9 decanted: Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup: (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	01	02
10061-02-6	trans-1,3-Dichloropropene	0.00254	U	0.00127	0.00254	UJ	S
79-00-5	1,1,2-Trichloroethane	0.00763	U	0.00104	0.00763		
127-18-4	Tetrachloroethene	0.00355	U	0.00118	0.00355		
591-78-6	2-Hexanone	0.0153	U	0.00165	0.0153		
124-48-1	Dibromochloromethane	0.00382	U	0.000585	0.00382		
106-93-4	1,2-Dibromoethane	0.00382	U	0.00104	0.00382		
108-90-7	Chlorobenzene	0.00763	U	0.000445	0.00763		
100-41-4	Ethylbenzene	0.0029	U	0.000878	0.0029		
100-42-5	Styrene	0.00254	U	0.000356	0.00254		
75-25-2	Bromoform	0.0079	U	0.000585	0.0079		
98-82-8	Isopropylbenzene	0.00301	U	0.000763	0.00301		
79-34-5	1,1,2,2-Tetrachloroethane	0.00254	U	0.00075	0.00254	UJ	IS
541-73-1	1,3-Dichlorobenzene	0.00763	U	0.000572	0.00763		
106-46-7	1,4-Dichlorobenzene	0.00763	U	0.000827	0.00763		
95-50-1	1,2-Dichlorobenzene	0.0013	J	0.000712	0.00638	J	
96-12-8	1,2-Dibromo-3-chloropropane	0.0107	U	0.00356	0.0107	UJ	
120-82-1	1,2,4-Trichlorobenzene	0.00763	U	0.000801	0.00763		
87-61-6	1,2,3-Trichlorobenzene	0.00763	U	0.000776	0.00763		
1330-20-7	Xylene (total)	0.00763	U	0.000865	0.00763	UJ	S
1634-04-4	Methyl tert-butyl ether	0.00254	U	0.000547	0.00254		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00328	U	0.000801	0.00328		
110-82-7	Cyclohexane	0.00313	U	0.00127	0.00313		
79-20-9	Methyl Acetate	0.00839	U	0.00254	0.00839		
108-87-2	Methylcyclohexane	0.00366	U	0.000547	0.00366		

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No: JM22-FS2-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447102 Lab File ID: 4471-2.D

Sample wt/vol: 5.73 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 11/14/11 Time: 1333

PercentSolids: 90.4 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	01	02
75-71-8	Dichlorodifluoromethane	0.00234	U	0.000579	0.00234	u	
74-87-3	Chloromethane	0.00318	U	0.000367	0.00318		
75-01-4	Vinyl chloride	0.00463	U	0.000579	0.00463		
74-83-9	Bromomethane	0.00579	U	0.00116	0.00579		
75-00-3	Chloroethane	0.0139	U	0.000714	0.0139		
75-69-4	Trichlorofluoromethane	0.00193	U	0.000425	0.00193		
75-35-4	1,1-Dichloroethene	0.00193	U	0.000328	0.00193		
75-15-0	Carbon disulfide	0.00348	U	0.00145	0.00348		
75-09-2	Methylene chloride	0.00483	U	0.00116	0.00483		
156-60-5	trans-1,2-Dichloroethene	0.00579	U	0.000376	0.00579		
75-34-3	1,1-Dichloroethane	0.00579	U	0.000328	0.00579		
67-64-1	Acetone	0.0139	U	0.00125	0.0139		
156-59-2	cis-1,2-Dichloroethene	0.00348	U	0.000598	0.00348		
74-97-5	Bromochloromethane	0.00261	U	0.000869	0.00261		
78-93-3	2-Butanone	0.013	U	0.00135	0.013		
67-66-3	Chloroform	0.00579	U	0.000521	0.00579		
71-55-6	1,1,1-Trichloroethane	0.00193	U	0.000965	0.00193		
56-23-5	Carbon tetrachloride	0.00579	U	0.000579	0.00579		
71-43-2	Benzene	0.00193	U	0.000483	0.00193		
107-06-2	1,2-Dichloroethane	0.00193	U	0.000965	0.00193		
79-01-6	Trichloroethene	0.00266	U	0.000425	0.00266		
78-87-5	1,2-Dichloropropane	0.00269	U	0.000608	0.00269		
75-27-4	Bromodichloromethane	0.00193	U	0.000309	0.00193		
10061-01-5	cis-1,3-Dichloropropene	0.00193	U	0.000405	0.00193		
108-10-1	4-Methyl-2-pentanone	0.00965	U	0.00154	0.00965		
108-88-3	Toluene	0.00252	U	0.00028	0.00252		

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS2-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No.: SAS No.: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447102 Lab File ID: 4471-2.D

Sample wt/vol: 5.73 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 11/14/11 Time: 1333

PercentSolids: 90.4 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
10061-02-6	trans-1,3-Dichloropropene	0.00193	U	0.000965	0.00193
79-00-5	1,1,2-Trichloroethane	0.00579	U	0.000792	0.00579
127-18-4	Tetrachloroethene	0.00269	U	0.000898	0.00269
591-78-6	2-Hexanone	0.0116	U	0.00125	0.0116
124-48-1	Dibromochloromethane	0.0029	U	0.000444	0.0029
106-93-4	1,2-Dibromoethane	0.0029	U	0.000792	0.0029
108-90-7	Chlorobenzene	0.00579	U	0.000338	0.00579
100-41-4	Ethylbenzene	0.0022	U	0.000668	0.0022
100-42-5	Styrene	0.00193	U	0.00027	0.00193
75-25-2	Bromoform	0.00599	U	0.000444	0.00599
98-82-8	Isopropylbenzene	0.00229	U	0.000579	0.00229
79-34-5	1,1,2,2-Tetrachloroethane	0.00193	U	0.00057	0.00193
541-73-1	1,3-Dichlorobenzene	0.00579	U	0.000434	0.00579
106-46-7	1,4-Dichlorobenzene	0.00579	U	0.000627	0.00579
95-50-1	1,2-Dichlorobenzene	0.00483	U	0.00054	0.00483
96-12-8	1,2-Dibromo-3-chloropropane	0.00811	U	0.0027	0.00811
120-82-1	1,2,4-Trichlorobenzene	0.00579	U	0.000608	0.00579
87-61-6	1,2,3-Trichlorobenzene	0.00579	U	0.000589	0.00579
1330-20-7	Xylene (total)	0.00579	U	0.000656	0.00579
1634-04-4	Methyl tert-butyl ether	0.00193	U	0.000415	0.00193
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00249	U	0.000608	0.00249
110-82-7	Cyclohexane	0.00237	U	0.000965	0.00237
79-20-9	Methyl Acetate	0.00637	U	0.00193	0.00637
108-87-2	Methylcyclohexane	0.00278	U	0.000415	0.00278

01 02

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-EB-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: WATER Lab Sample ID: 350447103 Lab File ID: 447103.D

Sample wt/vol: 5 Units: ML Date Received: 11/09/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 11/15/11 Time: 1608

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	01	02
75-71-8	Dichlorodifluoromethane	1.7	U	0.17	1.7	U	
74-87-3	Chloromethane	2	U	0.32	2		
75-01-4	Vinyl chloride	1.4	U	0.18	1.4		
74-83-9	Bromomethane	2.3	U	0.43	2.3		
75-00-3	Chloroethane	3	U	0.72	3		
75-69-4	Trichlorofluoromethane	1.4	U	0.4	1.4		
75-35-4	1,1-Dichloroethene	1.1	U	0.19	1.1		
75-15-0	Carbon disulfide	1.1	U	0.19	1.1		
75-09-2	Methylene chloride	1.6	U	0.66	1.6		
156-60-5	trans-1,2-Dichloroethene	1.2	U	0.33	1.2		
75-34-3	1,1-Dichloroethane	1	U	0.15	1		
67-64-1	Acetone	10	U	1.3	10		
156-59-2	cis-1,2-Dichloroethene	1	U	0.19	1		
74-97-5	Bromochloromethane	2.2	U	0.17	2.2		
78-93-3	2-Butanone	10	U	2	10		
67-66-3	Chloroform	0.5	U	0.16	0.5		
71-55-6	1,1,1-Trichloroethane	1.1	U	0.14	1.1		
56-23-5	Carbon tetrachloride	1.5	U	0.14	1.5		
71-43-2	Benzene	0.5	U	0.17	0.5		
107-06-2	1,2-Dichloroethane	1.3	U	0.15	1.3		
79-01-6	Trichloroethene	1.3	U	0.19	1.3		
78-87-5	1,2-Dichloropropane	1.6	U	0.15	1.6		
75-27-4	Bromodichloromethane	1.3	U	0.15	1.3		
10061-01-5	cis-1,3-Dichloropropene	1	U	0.4	1		
108-10-1	4-Methyl-2-pentanone	4	U	1	4		
108-88-3	Toluene	2.1		0.14	1		

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-EB-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: WATER Lab Sample ID: 350447103 Lab File ID: 447103.D

Sample wt/vol: 5 Units: ML Date Received: 11/09/11

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 11/15/11 Time: 1608

Percent Solids: 0 decanted: Dilution Factor: 1

Extraction: PURGETRAP Station ID: Method: 8260

GPC Cleanup: (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
10061-02-6	trans-1,3-Dichloropropene	1.2	U	0.3	1.2
79-00-5	1,1,2-Trichloroethane	1.7	U	0.2	1.7
127-18-4	Tetrachloroethene	1.7	U	0.21	1.7
591-78-6	2-Hexanone	5.1	U	0.48	5.1
124-48-1	Dibromochloromethane	1	U	0.13	1
106-93-4	1,2-Dibromoethane	1.1	U	0.11	1.1
108-90-7	Chlorobenzene	0.5	U	0.16	0.5
100-41-4	Ethylbenzene	1.3	U	0.22	1.3
100-42-5	Styrene	1.5	U	0.12	1.5
75-25-2	Bromoform	1.9	U	0.19	1.9
98-82-8	Isopropylbenzene	1.2	U	0.14	1.2
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	0.13	1.1
541-73-1	1,3-Dichlorobenzene	2	U	0.15	2
106-46-7	1,4-Dichlorobenzene	3	U	0.15	3
95-50-1	1,2-Dichlorobenzene	1.1	U	0.25	1.1
96-12-8	1,2-Dibromo-3-chloropropane	4.2	U	1	4.2
120-82-1	1,2,4-Trichlorobenzene	1.5	U	0.4	1.5
87-61-6	1,2,3-Trichlorobenzene	1.8	U	0.16	1.8
1330-20-7	Xylene (total)	3	U	0.5	3
1634-04-4	Methyl tert-butyl ether	1.2	U	0.5	1.2
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.4	U	0.23	2.4
108-87-2	Methylcyclohexane	1.9	U	0.27	1.9
79-20-9	Methyl Acetate	7.2	U	0.38	7.2
110-82-7	Cyclohexane	1	U	0.2	1

01 02

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS1-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447101 Lab File ID: 4471-01.D

Sample wt/vol: 25.92 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 1 Date Extracted: 11/10/11

Level:(low/med) LOW Date Analyzed: 11/14/11 Time: 2232

Percent Solids: 81.9 decanted: Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup: (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	01	02
111-44-4	Bis(2-chloroethyl)ether	0.25	U	0.063	0.25	U	
108-95-2	Phenol	0.25	U	0.061	0.25		
95-57-8	2-Chlorophenol	0.25	U	0.065	0.25		
108-60-1	2,2'-Oxybis(1-chloropropane)	0.62	U	0.21	0.62		
95-48-7	2-Methylphenol	0.27	U	0.09	0.27		
67-72-1	Hexachloroethane	0.25	U	0.047	0.25		
621-64-7	N-Nitroso-di-n-propylamine	0.075	U	0.057	0.075		
106-44-5	4-Methylphenol	0.25	U	0.056	0.25		
98-95-3	Nitrobenzene	0.25	U	0.056	0.25		
78-59-1	Isophorone	0.25	U	0.056	0.25		
88-75-5	2-Nitrophenol	0.25	U	0.068	0.25		
105-67-9	2,4-Dimethylphenol	0.25	U	0.054	0.25		
111-91-1	Bis(2-chloroethoxy)methane	0.25	U	0.054	0.25		
120-83-2	2,4-Dichlorophenol	0.25	U	0.071	0.25		
120-82-1	1,2,4-Trichlorobenzene	0.25	U	0.055	0.25		
106-47-8	4-Chloroaniline	0.25	U	0.059	0.25		
87-68-3	Hexachlorobutadiene	0.25	U	0.055	0.25		
59-50-7	4-Chloro-3-methylphenol	0.25	U	0.053	0.25		
77-47-4	Hexachlorocyclopentadiene	0.63	U	0.038	0.63		
88-06-2	2,4,6-Trichlorophenol	0.25	U	0.064	0.25		
95-95-4	2,4,5-Trichlorophenol	0.25	U	0.07	0.25		
91-58-7	2-Chloronaphthalene	0.25	U	0.053	0.25		
88-74-4	2-Nitroaniline	0.25	U	0.054	0.25		
131-11-3	Dimethylphthalate	0.25	U	0.056	0.25		
606-20-2	2,6-Dinitrotoluene	0.25	U	0.047	0.25		
99-09-2	3-Nitroaniline	0.25	U	0.075	0.25		

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS1-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447101 Lab File ID: 4471-01.D

Sample wt/vol: 25.92 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 1 Date Extracted: 11/10/11

Level:(low/med) LOW Date Analyzed: 11/14/11 Time: 2232

PercentSolids: 81.9 decanted Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup: (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	RESULT	Q	MDL	RL	01	02
51-28-5	2,4-Dinitrophenol	1.2	U	0.21	1.2	u	
132-64-9	Dibenzofuran	0.25	U	0.051	0.25		
121-14-2	2,4-Dinitrotoluene	0.25	U	0.046	0.25		
100-02-7	4-Nitrophenol	0.63	U	0.05	0.63		
7005-72-3	4-Chlorophenyl-phenylether	0.25	U	0.048	0.25		
84-66-2	Diethylphthalate	0.25	U	0.048	0.25		
100-01-6	4-Nitroaniline	0.25	U	0.083	0.25		
534-52-1	4,6-Dinitro-2-methylphenol	0.75	U	0.25	0.75		
86-30-6	N-Nitrosodiphenylamine	0.25	U	0.059	0.25		
101-55-3	4-Bromophenyl-phenylether	0.25	U	0.046	0.25		
118-74-1	Hexachlorobenzene	0.25	U	0.05	0.25		
87-86-5	Pentachlorophenol	0.38	U	0.12	0.38		
84-74-2	Di-n-butylphthalate	0.25	U	0.041	0.25		
85-68-7	Butylbenzylphthalate	0.25	U	0.059	0.25		
91-94-1	3,3'-Dichlorobenzidine	0.25	U	0.056	0.25		
117-81-7	Bis(2-ethylhexyl)phthalate	0.25	U	0.078	0.25		
117-84-0	Di-n-octylphthalate	0.25	U	0.055	0.25		
86-74-8	Carbazole	0.25	U	0.051	0.25		

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS2-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447102 Lab File ID: 4471-02.D

Sample wt/vol: 25.52 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 1 Date Extracted: 11/10/11

Level:(low/med) LOW Date Analyzed: 11/14/11 Time: 2256

PercentSolids: 90.4 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	01	02
111-44-4	Bis(2-chloroethyl)ether	0.23	U	0.058	0.23	U	
108-95-2	Phenol	0.23	U	0.058	0.23		
95-57-8	2-Chlorophenol	0.23	U	0.06	0.23		
108-60-1	2,2'-Oxybis(1-chloropropane)	0.57	U	0.19	0.57		
95-48-7	2-Methylphenol	0.25	U	0.083	0.25		
67-72-1	Hexachloroethane	0.23	U	0.043	0.23		
621-64-7	N-Nitroso-di-n-propylamine	0.069	U	0.053	0.069		
106-44-5	4-Methylphenol	0.23	U	0.051	0.23		
98-95-3	Nitrobenzene	0.23	U	0.052	0.23		
78-59-1	Isophorone	0.23	U	0.051	0.23		
88-75-5	2-Nitrophenol	0.23	U	0.052	0.23		
105-67-9	2,4-Dimethylphenol	0.23	U	0.049	0.23		
111-91-1	Bis(2-chloroethoxy)methane	0.23	U	0.049	0.23		
120-83-2	2,4-Dichlorophenol	0.23	U	0.065	0.23		
120-82-1	1,2,4-Trichlorobenzene	0.23	U	0.05	0.23		
106-47-8	4-Chloroaniline	0.23	U	0.055	0.23		
87-68-3	Hexachlorobutadiene	0.23	U	0.05	0.23		
59-50-7	4-Chloro-3-methylphenol	0.23	U	0.048	0.23		
77-47-4	Hexachlorocyclopentadiene	0.58	U	0.035	0.58		
88-06-2	2,4,6-Trichlorophenol	0.23	U	0.059	0.23		
95-95-4	2,4,5-Trichlorophenol	0.23	U	0.064	0.23		
91-58-7	2-Chloronaphthalene	0.23	U	0.058	0.23		
88-74-4	2-Nitroaniline	0.23	U	0.049	0.23		
131-11-3	Dimethylphthalate	0.23	U	0.051	0.23		
606-20-2	2,6-Dinitrotoluene	0.23	U	0.043	0.23		
99-09-2	3-Nitroaniline	0.23	U	0.069	0.23		

01-Rev Qual
02-Qual Code

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS2-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447102 Lab File ID: 4471-02.D

Sample wt/vol: 25.52 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 1 Date Extracted: 11/10/11

Level:(low/med) LOW Date Analyzed: 11/14/11 Time: 2256

PercentSolids: 90.4 decanted : Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	01	02
51-28-5	2,4-Dinitrophenol	1.2	U	0.19	1.2	U	
132-64-9	Dibenzofuran	0.23	U	0.047	0.23		
121-14-2	2,4-Dinitrotoluene	0.23	U	0.042	0.23		
100-02-7	4-Nitrophenol	0.58	U	0.046	0.58		
7005-72-3	4-Chlorophenyl-phenylether	0.23	U	0.044	0.23		
84-66-2	Diethylphthalate	0.23	U	0.044	0.23		
100-01-6	4-Nitroaniline	0.23	U	0.076	0.23		
534-52-1	4,6-Dinitro-2-methylphenol	0.69	U	0.23	0.69		
86-30-6	N-Nitrosodiphenylamine	0.23	U	0.055	0.23		
101-55-3	4-Bromophenyl-phenylether	0.23	U	0.042	0.23		
118-74-1	Hexachlorobenzene	0.23	U	0.046	0.23		
87-86-5	Pentachlorophenol	0.34	U	0.12	0.34		
84-74-2	Di-n-butylphthalate	0.23	U	0.038	0.23		
85-68-7	Butylbenzylphthalate	0.23	U	0.055	0.23		
91-94-1	3,3'-Dichlorobenzidine	0.23	U	0.051	0.23		
117-81-7	Bis(2-ethylhexyl)phthalate	0.23	U	0.072	0.23		
117-84-0	Di-n-octylphthalate	0.23	U	0.05	0.23		
86-74-8	Carbazole	0.23	U	0.047	0.23		

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-EB-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: WATER Lab Sample ID: 350447103 Lab File ID: 4471-03.D

Sample wt/vol: 980 Units: ML Date Received: 11/09/11

Concentrated Extract Volume: 1 Date Extracted: 11/10/11

Level:(low/med) LOW Date Analyzed: 11/14/11 Time: 2145

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	01	02
111-44-4	Bis(2-chloroethyl)ether	4.1	U	3.1	4.1	U	
108-95-2	Phenol	4.1	U	1.7	4.1		
95-57-8	2-Chlorophenol	4.1	U	3	4.1		
108-60-1	2,2'-Oxybis(1-chloropropane)	4.1	U	3.4	4.1		
95-48-7	2-Methylphenol	4.1	U	2.6	4.1		
67-72-1	Hexachloroethane	4.1	U	2.6	4.1		
621-64-7	N-Nitroso-di-n-propylamine	4.1	U	3.1	4.1		
106-44-5	4-Methylphenol	10.2	U	6.2	10.2		
98-95-3	Nitrobenzene	4.1	U	1	4.1		
78-59-1	Isophorone	4.1	U	3.9	4.1		
88-75-5	2-Nitrophenol	4.1	U	0.78	4.1		
105-67-9	2,4-Dimethylphenol	4.1	U	2.3	4.1		
111-91-1	Bis(2-chloroethoxy)methane	4.1	U	3.6	4.1		
120-83-2	2,4-Dichlorophenol	4.1	U	3.2	4.1		
120-82-1	1,2,4-Trichlorobenzene	4.1	U	2.6	4.1		
106-47-8	4-Chloroaniline	4.1	U	3.1	4.1		
87-68-3	Hexachlorobutadiene	4.1	U	2.6	4.1		
59-50-7	4-Chloro-3-methylphenol	4.1	U	2.8	4.1		
77-47-4	Hexachlorocyclopentadiene	4.1	U	0.84	4.1		
88-06-2	2,4,6-Trichlorophenol	4.1	U	0.86	4.1		
95-95-4	2,4,5-Trichlorophenol	4.1	U	3.5	4.1		
91-58-7	2-Chloronaphthalene	4.1	U	2.8	4.1		
88-74-4	2-Nitroaniline	4.1	U	3.1	4.1		
131-11-3	Dimethylphthalate	4.1	U	3.1	4.1		
606-20-2	2,6-Dinitrotoluene	4.1	U	2.8	4.1		
99-09-2	3-Nitroaniline	4.1	U	2.8	4.1		

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

JM22-EB-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code : PEL Case No. SAS No: SDG No.: 3504471

Matrix: WATER Lab Sample ID: 350447103 Lab File ID: 4471-03.D

Sample wt/vol: 980 Units: ML Date Received: 11/09/11

Concentrated Extract Volume: 1 Date Extracted: 11/10/11

Level:(low/med) LOW Date Analyzed: 11/14/11 Time: 2145

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	01	02
51-28-5	2,4-Dinitrophenol	20.4	U	5.7	20.4		
132-64-9	Dibenzofuran	4.1	U	2.8	4.1	U	
121-14-2	2,4-Dinitrotoluene	4.1	U	2.8	4.1		
100-02-7	4-Nitrophenol	4.1	U	4.1	4.1		
7005-72-3	4-Chlorophenyl-phenylether	4.1	U	2.6	4.1		
84-66-2	Diethylphthalate	4.1	U	2.8	4.1		
100-01-6	4-Nitroaniline	4.1	U	1.5	4.1		
534-52-1	4,6-Dinitro-2-methylphenol	4.1	U	4.1	4.1		
86-30-6	N-Nitrosodiphenylamine	4.1	U	3.5	4.1		
101-55-3	4-Bromophenyl-phenylether	4.1	U	2.3	4.1		
118-74-1	Hexachlorobenzene	4.1	U	0.42	4.1		
87-86-5	Pentachlorophenol	10.2	U	1.4	10.2		
84-74-2	Di-n-butylphthalate	4.1	U	0.88	4.1		
85-68-7	Butylbenzylphthalate	4.1	U	3.1	4.1		
91-94-1	3,3'-Dichlorobenzidine	4.1	U	2.8	4.1		
117-81-7	Bis(2-ethylhexyl)phthalate	5.1	U	4.5	5.1		
117-84-0	Di-n-octylphthalate	4.1	U	1.1	4.1		
86-74-8	Carbazole	4.1	U	3.2	4.1		

01-Rev Qual
02-Qual Code

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS1-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447101 Lab File ID: 47101R.D

Sample wt/vol: 25.92 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 1 Date Extracted: 11/10/11

Level:(low/med) LOW Date Analyzed: 11/18/11 Time: 1118

PercentSolids: 81.9 decanted: Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270 SIM

GPC Cleanup: (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	01	02
90-12-0	1-Methylnaphthalene	0.0038	U	0.0012	0.0038	U	
91-57-6	2-Methylnaphthalene	0.0038	U	0.0012	0.0038		
83-32-9	Acenaphthene	0.0038	U	0.0012	0.0038		
208-96-8	Acenaphthylene	0.0038	U	0.0012	0.0038		
120-12-7	Anthracene	0.0038	U	0.0012	0.0038		
56-55-3	Benzo(a)anthracene	0.004	U	0.0013	0.004		
50-32-8	Benzo(a)pyrene	0.0051	U	0.0017	0.0051		
205-99-2	Benzo(b)fluoranthene	0.0054	U	0.0018	0.0054		
191-24-2	Benzo(g,h,i)perylene	0.0088	U	0.0029	0.0088		
207-08-9	Benzo(k)fluoranthene	0.0059	U	0.002	0.0059		
218-01-9	Chrysene	0.0013	J	0.0012	0.0037		
53-70-3	Dibenzo(a,h)anthracene	0.0033	J	0.0024	0.0073		
206-44-0	Fluoranthene	0.0024	J	0.0012	0.0038		
86-73-7	Fluorene	0.0038	U	0.0012	0.0038		
193-39-5	Indeno(1,2,3-cd)pyrene	0.0085	U	0.0028	0.0085		
91-20-3	Naphthalene	0.0038	U	0.0013	0.0038		
85-01-8	Phenanthrene	0.0015	J	0.0012	0.0038		
129-00-0	Pyrene	0.0024	J	0.0012	0.0038		

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS2-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447102 Lab File ID: 471-02.D

Sample wt/vol: 25.1 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 1 Date Extracted: 11/15/11

Level:(low/med) LOW Date Analyzed: 11/17/11 Time: 2343

PercentSolids: 90.4 decanted: Dilution Factor: 1

Extraction: OTHER Station ID: Method: 8270 SIM

GPC Cleanup: (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	01	02
90-12-0	1-Methylnaphthalene	0.0035	U	0.0012	0.0035	UJ	✓
91-57-6	2-Methylnaphthalene	0.0035	U	0.0012	0.0035	U	
83-32-9	Acenaphthene	0.0035	U	0.0012	0.0035	U	
208-96-8	Acenaphthylene	0.0035	U	0.0012	0.0035	U	
120-12-7	Anthracene	0.0013	J	0.0012	0.0035	J	
56-55-3	Benzo(a)anthracene	0.013		0.0012	0.0037		
50-32-8	Benzo(a)pyrene	0.016		0.0016	0.0048		
205-99-2	Benzo(b)fluoranthene	0.026		0.0017	0.005		
191-24-2	Benzo(g,h,i)perylene	0.013		0.0027	0.0082		
207-08-9	Benzo(k)fluoranthene	0.01		0.0018	0.0056		
218-01-9	Chrysene	0.017		0.0011	0.0034		
53-70-3	Dibenzo(a,h)anthracene	0.0069	U	0.0023	0.0069	U	
206-44-0	Fluoranthene	0.024		0.0012	0.0035		
86-73-7	Fluorene	0.0035	U	0.0012	0.0035	U	
193-39-5	Indeno(1,2,3-cd)pyrene	0.0099		0.0026	0.0079		
91-20-3	Naphthalene	0.0035	U	0.0012	0.0035	U	
85-01-8	Phenanthrene	0.0046		0.0012	0.0035		
129-00-0	Pyrene	0.02		0.0012	0.0035		

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SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-EB-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: WATER Lab Sample ID: 350447103 Lab File ID: 4471-03.D

Sample wt/vol: 970 Units: ML Date Received: 11/09/11

Concentrated Extract Volume: 1 Date Extracted: 11/10/11

Level(low/med) LOW Date Analyzed: 11/11/11 Time: 2209

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270 SIM

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL	01	02
90-12-0	1-Methylnaphthalene	0.062	U	0.021	0.062	U	
91-57-6	2-Methylnaphthalene	0.062	U	0.021	0.062		
83-32-9	Acenaphthene	0.062	U	0.021	0.062		
208-96-8	Acenaphthylene	0.062	U	0.021	0.062		
120-12-7	Anthracene	0.062	U	0.021	0.062		
56-55-3	Benzo(a)anthracene	0.062	U	0.021	0.062		
50-32-8	Benzo(a)pyrene	0.062	U	0.021	0.062		
205-99-2	Benzo(b)fluoranthene	0.062	U	0.021	0.062		
191-24-2	Benzo(g,h,i)perylene	0.062	U	0.021	0.062		
207-08-9	Benzo(k)fluoranthene	0.062	U	0.021	0.062		
218-01-9	Chrysene	0.062	U	0.021	0.062		
53-70-3	Dibenzo(a,h)anthracene	0.062	U	0.021	0.062		
206-44-0	Fluoranthene	0.062	U	0.021	0.062		
86-73-7	Fluorene	0.062	U	0.021	0.062		
193-39-5	Indeno(1,2,3-cd)pyrene	0.062	U	0.021	0.062		
91-20-3	Naphthalene	0.062	U	0.021	0.062		
85-01-8	Phenanthrene	0.062	U	0.021	0.062		
129-00-0	Pyrene	0.062	U	0.021	0.062		

01-Rev Qual
02-Qual Code

PESTICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS1-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447101 Lab File ID: 47101.D

Sample wt/vol: 25.21 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 10 Date Extracted: 11/14/11

Level:(low/med) LOW Date Analyzed: 11/18/11 Time: 1841

PercentSolids: 81.9 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8081

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	RESULT	Q	MDL	RL	01	02
319-84-6	alpha-BHC	0.0028	U	0.00093	0.0028	U	
319-85-7	beta-BHC	0.00097	U	0.00014	0.00097		
319-86-8	delta-BHC	0.0014	U	0.00027	0.0014		
58-89-9	gamma-BHC (Lindane)	0.0014	U	0.00019	0.0014		
76-44-8	Heptachlor	0.0014	U	0.00019	0.0014		
309-00-2	Aldrin	0.0014	U	0.00014	0.0014		
1024-57-3	Heptachlor epoxide	0.0014	U	0.00014	0.0014		
959-98-8	Endosulfan I	0.0014	U	0.00021	0.0014		
60-57-1	Dieldrin	0.0014	U	0.00015	0.0014		
72-55-9	4,4'-DDE	0.0014	U	0.00026	0.0014		
72-20-8	Endrin	0.0014	U	0.00025	0.0014		
33213-65-9	Endosulfan II	0.0014	U	0.00028	0.0014		
72-54-8	4,4'-DDD	0.0015	U	0.00049	0.0015		
1031-07-8	Endosulfan sulfate	0.0014	U	0.00019	0.0014		
50-29-3	4,4'-DDT	0.0014	U	0.00037	0.0014		
72-43-5	Methoxychlor	0.0014	U	0.00026	0.0014		
7421-93-4	Endrin aldehyde	0.0014	U	0.00035	0.0014		
5103-74-2	gamma-Chlordane	0.0014	U	0.00016	0.0014		
5103-71-9	alpha-Chlordane	0.0014	U	0.00015	0.0014		
53494-70-5	Endrin ketone	0.0014	U	0.0002	0.0014		
57-74-9	Chlordane	0.015	U	0.0019	0.015		
8001-35-2	Toxaphene	0.097	U	0.032	0.097		

Results reported on Primary Column, if RPD >40% results flagged accordingly.

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PESTICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS1-110811DL1

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447101DL1 Lab File ID: 47101D10.D

Sample wt/vol: 25.21 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 10 Date Extracted: 11/14/11

Level:(low/med) LOW Date Analyzed: 11/18/11 Time: 1512

PercentSolids: 81.9 decanted : Dilution Factor: 10

Extraction: SONC Station ID: Method: 8081

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
319-84-6	alpha-BHC	0.028	U	0.0093	0.028
319-85-7	beta-BHC	0.0097	U	0.0014	0.0097
319-86-8	delta-BHC	0.014	U	0.0027	0.014
58-89-9	gamma-BHC (Lindane)	0.014	U	0.0019	0.014
76-44-8	Heptachlor	0.014	U	0.0019	0.014
309-00-2	Aldrin	0.014	U	0.0014	0.014
1024-57-3	Heptachlor epoxide	0.014	U	0.0014	0.014
959-98-8	Endosulfan I	0.014	U	0.0021	0.014
60-57-1	Dieldrin	0.014	U	0.0015	0.014
72-55-9	4,4'-DDE	0.014	U	0.0026	0.014
72-20-8	Endrin	0.014	U	0.0025	0.014
33213-65-9	Endosulfan II	0.014	U	0.0028	0.014
72-54-8	4,4'-DDD	0.015	U	0.0049	0.015
1031-07-8	Endosulfan sulfate	0.014	U	0.0019	0.014
50-29-3	4,4'-DDT	0.014	U	0.0037	0.014
72-43-5	Methoxychlor	0.014	U	0.0026	0.014
7421-93-4	Endrin aldehyde	0.014	U	0.0035	0.014
5103-74-2	gamma-Chlordane	0.014	U	0.0016	0.014
5103-71-9	alpha-Chlordane	0.014	U	0.0015	0.014
53494-70-5	Endrin ketone	0.014	U	0.002	0.014
57-74-9	Chlordane	0.15	U	0.019	0.15
8001-35-2	Toxaphene	0.97	U	0.32	0.97

01 UR 02 D

Results reported on Primary Column, if RPD >40% results flagged accordingly.

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PESTICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

JM22-FS2-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code : PEL Case No SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447102 Lab File ID: 47102.D

Sample wt/vol: 25.45 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 10 Date Extracted: 11/14/11

Level:(low/med) LOW Date Analyzed: 11/18/11 Time: 1859

PercentSolids: 90.4 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8081

GFC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	01	02
319-84-6	alpha-BHC	0.0025	U	0.00083	0.0025	U	
319-85-7	beta-BHC	0.00087	U	0.00013	0.00087		
319-86-8	delta-BHC	0.0013	U	0.00024	0.0013		
58-89-9	gamma-BHC (Lindane)	0.0013	U	0.00017	0.0013		
76-44-8	Heptachlor	0.0013	U	0.00017	0.0013		
309-00-2	Aldrin	0.0013	U	0.00013	0.0013		
1024-57-3	Heptachlor epoxide	0.0013	U	0.00013	0.0013		
959-98-8	Endosulfan I	0.0013	U	0.00019	0.0013		
60-57-1	Dieldrin	0.0013	U	0.00014	0.0013		
72-55-9	4,4'-DDE	0.0033		0.00023	0.0013		
72-20-8	Endrin	0.0013	U	0.00023	0.0013	U	
33213-65-9	Endosulfan II	0.0013	U	0.00025	0.0013		
72-54-8	4,4'-DDD	0.0013	U	0.00044	0.0013		
1031-07-8	Endosulfan sulfate	0.0013	U	0.00017	0.0013		
50-29-3	4,4'-DDT	0.00095	J	0.00033	0.0013	J	
72-43-5	Methoxychlor	0.0013	U	0.00023	0.0013	U	
7421-93-4	Endrin aldehyde	0.0013	U	0.00031	0.0013		
5103-74-2	gamma-Chlordane	0.0013	U	0.00015	0.0013		
5103-71-9	alpha-Chlordane	0.0013	U	0.00014	0.0013		
53494-70-5	Endrin ketone	0.0013	U	0.00018	0.0013		
57-74-9	Chlordane	0.013	U	0.0017	0.013		
8001-35-2	Toxaphene	0.087	U	0.029	0.087		

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Form I

01-Rev Qual
02-Qual Code

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PESTICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

JM22-FS2-110811DL1

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code : PEL Case No. SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447102DL1 Lab File ID: 47102D10.D

Sample wt/vol: 25.45 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 10 Date Extracted: 11/14/11

Level:(low/med) LOW Date Analyzed: 11/18/11 Time: 1530

PercentSolids: 90.4 decanted : Dilution Factor: 10

Extraction: SONC Station ID: Method: 8081

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	01	02
319-84-6	alpha-BHC	0.025	U	0.0083	0.025	UR	D
319-85-7	beta-BHC	0.0087	U	0.0013	0.0087		
319-86-8	delta-BHC	0.013	U	0.0024	0.013		
58-89-9	gamma-BHC (Lindane)	0.013	U	0.0017	0.013		
76-44-8	Heptachlor	0.013	U	0.0017	0.013		
309-00-2	Aldrin	0.013	U	0.0013	0.013		
1024-57-3	Heptachlor epoxide	0.013	U	0.0013	0.013		
959-98-8	Endosulfan I	0.013	U	0.0019	0.013		
60-57-1	Dieldrin	0.013	U	0.0014	0.013		
72-55-9	4,4'-DDE	0.0035	J	0.0023	0.013	R	
72-20-8	Endrin	0.013	U	0.0023	0.013	UR	
33213-65-9	Endosulfan II	0.013	U	0.0025	0.013		
72-54-8	4,4'-DDD	0.013	U	0.0044	0.013		
1031-07-8	Endosulfan sulfate	0.013	U	0.0017	0.013		
50-29-3	4,4'-DDT	0.013	U	0.0033	0.013		
72-43-5	Methoxychlor	0.013	U	0.0023	0.013		
7421-93-4	Endrin aldehyde	0.013	U	0.0031	0.013		
5103-74-2	gamma-Chlordane	0.013	U	0.0015	0.013		
5103-71-9	alpha-Chlordane	0.013	U	0.0014	0.013		
53494-70-5	Endrin ketone	0.013	U	0.0018	0.013		
57-74-9	Chlordane	0.13	U	0.017	0.13		
8001-35-2	Toxaphene	0.87	U	0.29	0.87		

Results reported on Primary Column, if RPD >40% results flagged accordingly.

PESTICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-EB-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: WATER Lab Sample ID: 350447103 Lab File ID: 47103.D

Sample wt/vol: 970 Units: ML Date Received: 11/09/11

Concentrated Extract Volume: 10 Date Extracted: 11/11/11

Level:(low/med) LOW Date Analyzed: 11/14/11 Time: 1114

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8081

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL	01	02
319-84-6	alpha-BHC	0.01	U	0.0031	0.01	U	
319-85-7	beta-BHC	0.052	U	0.0012	0.052		
319-86-8	delta-BHC	0.052	U	0.0031	0.052		
58-89-9	gamma-BHC (Lindane)	0.052	U	0.0025	0.052		
76-44-8	Heptachlor	0.052	U	0.0041	0.052		
309-00-2	Aldrin	0.052	U	0.0016	0.052		
1024-57-3	Heptachlor epoxide	0.052	U	0.0014	0.052		
959-98-8	Endosulfan I	0.052	U	0.0044	0.052		
60-57-1	Dieldrin	0.052	U	0.0028	0.052		
72-55-9	4,4'-DDE	0.052	U	0.0039	0.052		
72-20-8	Endrin	0.052	U	0.0018	0.052		
33213-65-9	Endosulfan II	0.052	U	0.0016	0.052		
72-54-8	4,4'-DDD	0.052	U	0.0027	0.052		
1031-07-8	Endosulfan sulfate	0.052	U	0.001	0.052		
50-29-3	4,4'-DDT	0.052	U	0.0011	0.052		
72-43-5	Methoxychlor	0.052	U	0.0018	0.052		
7421-93-4	Endrin aldehyde	0.052	U	0.0015	0.052		
5103-74-2	gamma-Chlordane	0.052	U	0.0025	0.052		
5103-71-9	alpha-Chlordane	0.052	U	0.0031	0.052		
53494-70-5	Endrin ketone	0.052	U	0.0062	0.052		
57-74-9	Chlordane	0.52	U	0.052	0.52		
8001-35-2	Toxaphene	0.56	U	0.18	0.56		

Results reported on Primary Column, if RPD >40% results flagged accordingly.

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS1-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447101 Lab File ID: 47101.D

Sample wt/vol: 25.51 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 10 Date Extracted: 11/14/11

Level:(low/med) LOW Date Analyzed: 11/17/11 Time: 2059

Percent Solids: 81.9 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP I ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	01	02
12674-11-2	Aroclor-1016	0.037	U	0.012	0.037	U	
11096-82-5	Aroclor-1260	0.029	U	0.0058	0.029		
11104-28-2	Aroclor-1221	0.034	U	0.011	0.034		
11141-16-5	Aroclor-1232	0.057	U	0.019	0.057		
53469-21-9	Aroclor-1242	0.032	U	0.01	0.032		
12672-29-6	Aroclor-1248	0.032	U	0.01	0.032		
11097-69-1	Aroclor-1254	0.029	U	0.0091	0.029		

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS2-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No: SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447102 Lab File ID: 47102.D

Sample wt/vol: 25.14 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 10 Date Extracted: 11/14/11

Level:(low/med) LOW Date Analyzed: 11/17/11 Time: 2115

PercentSolids: 90.4 decanted: Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup: (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	RESULT	Q	MDL	RL	01	02
12674-11-2	Aroclor-1016	0.034	U	0.011	0.034	U	
11096-82-5	Aroclor-1260	0.026	U	0.0054	0.026		
11104-28-2	Aroclor-1221	0.032	U	0.01	0.032		
11141-16-5	Aroclor-1232	0.053	U	0.018	0.053		
53469-21-9	Aroclor-1242	0.029	U	0.0097	0.029		
12672-29-6	Aroclor-1248	0.029	U	0.0097	0.029		
11097-69-1	Aroclor-1254	0.026	U	0.0084	0.026		

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-EB-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: WATER Lab Sample ID: 350447103 Lab File ID: 47103.D

Sample wt/vol: 970 Units: ML Date Received: 11/09/11

Concentrated Extract Volume: 10 Date Extracted: 11/11/11

Level:(low/med) LOW Date Analyzed: 11/15/11 Time: 1139

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	01	02
12674-11-2	Aroclor-1016	0.00074	U	0.00037	0.00074	U	
11096-82-5	Aroclor-1260	0.00052	U	0.00026	0.00052		
11104-28-2	Aroclor-1221	0.00089	U	0.00044	0.00089		
11141-16-5	Aroclor-1232	0.00052	U	0.00021	0.00052		
53469-21-9	Aroclor-1242	0.00064	U	0.00032	0.00064		
12672-29-6	Aroclor-1248	0.00052	U	0.00013	0.00052		
11097-69-1	Aroclor-1254	0.00052	U	0.00012	0.00052		

HERBICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS1-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447101 Lab File ID: 47101.D

Sample wt/vol: 33.54 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 10 Date Extracted: 11/11/11

Level:(low/med) LOW Date Analyzed: 11/21/11 Time: 0103

PercentSolids: 81.9 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8151

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	01	02
1918-00-9	Dicamba	0.012	U	0.0022	0.012	U	
75-99-0	Dalapon	0.036	U	0.0042	0.036		
93-65-2	MCPP	1.9	U	0.65	1.9		
94-74-6	MCPA	2.6	U	0.85	2.6		
120-36-5	Dichloroprop	0.012	U	0.0019	0.012		
94-75-7	2,4'-D	0.012	U	0.0032	0.012		
93-72-1	2,4,5-TP (Silvex)	0.012	U	0.0023	0.012		
93-76-5	2,4,5-T	0.012	U	0.0022	0.012		
94-82-6	2,4-DB	0.012	U	0.0032	0.012		
88-85-7	Dinoseb	0.012	U	0.0025	0.012		

1

HERBICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS2-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code : PEL Case No. SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447102 Lab File ID: 47102.D

Sample wt/vol: 33.72 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 10 Date Extracted: 11/11/11

Level:(low/med) LOW Date Analyzed: 11/21/11 Time: 0740

PercentSolids: 98.4 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8151

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	01	02
1918-00-9	Dicamba	0.011	U	0.0019	0.011	U	
75-99-0	Dalapon	0.032	U	0.0038	0.032		
93-65-2	MCPP	1.8	U	0.58	1.8		
94-74-6	MCPA	2.3	U	0.77	2.3		
120-36-5	Dichloroprop	0.011	U	0.0017	0.011		
94-75-7	2,4-D	0.011	U	0.0029	0.011		
93-72-1	2,4,5-TP (Silvex)	0.011	U	0.002	0.011		
93-76-5	2,4,5-T	0.011	U	0.0019	0.011		
94-82-6	2,4-DB	0.011	U	0.0029	0.011		
88-85-7	Dinoseb	0.011	U	0.0023	0.011		

HERBICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-EB-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No. SDG No.: 3504471

Matrix: WATER Lab Sample ID: 350447103 Lab File ID: 47103.D

Sample wt/vol: 980 Units: ML Date Received: 11/09/11

Concentrated Extract Volume: 10 Date Extracted: 11/15/11

Level:(low/med) LOW Date Analyzed: 11/20/11 Time: 2248

PercentSolids: 0 decanted: Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8151

GPC Cleanup: (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	01	02
1918-00-9	Dicamba	0.51	U	0.035	0.51	U	
75-99-0	Dalapon	1.1	U	0.38	1.1		
93-65-2	MCPP	122	U	41	122		
94-74-6	MCPA	55	U	18	55		
120-36-5	Dichloroprop	0.55	U	0.18	0.55		
94-75-7	2,4'-D	0.51	U	0.15	0.51		
93-72-1	2,4,5-TP (Silvex)	0.51	U	0.039	0.51		
93-76-5	2,4,5-T	0.51	U	0.11	0.51		
94-82-6	2,4-DB	0.51	U	0.31	0.51		
88-85-7	Dinoseb	0.51	U	0.057	0.51		

01-Rev Qual
02-Qual Code

1

FL-PRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS1-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447101 Lab File ID: 471-1.D

Sample wt/vol: 33.05 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 2 Date Extracted: 11/15/11

Level:(low/med) LOW Date Analyzed: 11/15/11 Time: 1836

Percent Solids: 81.9 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: FL-PRO

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	RESULT	Q	MDL	RL	01	02
5289290-40-0	TPH	22.7	J	15.8	47.5	J	

1

FL-PRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS2-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447102 Lab File ID: 471-2.D

Sample wt/vol: 33.08 Units: G Date Received: 11/09/11

Concentrated Extract Volume: 2 Date Extracted: 11/15/11

Level:(low/med) LOW Date Analyzed: 11/16/11 Time: 0823

PercentSolids: 90.4 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: FL-PRO

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	RESULT	Q	MDL	RL	01	02
5289290-40-0	TPH	33.2	J	14.3	43	J	

FL-PRO ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-EB-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No. SAS No: SDG No.: 3504471

Matrix: WATER Lab Sample ID: 350447103 Lab File ID: 471-3.D

Sample wt/vol: 970 Units: ML Date Received: 11/09/11

Concentrated Extract Volume: 2 Date Extracted: 11/11/11

Level:(low/med) LOW Date Analyzed: 11/11/11 Time: 1558

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: FL-PRO

GPC Cleanup : (Y/N) N pH:

Column(1): RTX-5 ID: 0.53 (mm)

CONCENTRATION UNITS: MG/L

CAS NO.	ANALYTE	RESULT	Q	MDL	RL	01	02
5289290-40-0	TPH	0.77	U	0.26	0.77	U	

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

JM22-FS1-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code : PEL Case No.: SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447101

Level:(low/med) LOW Date Received: 11/9/2011

PercentSolids: 81.9 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL	01	02
7429-90-5	Aluminum	1350			P		11	58	JB	MB,r
7440-36-0	Antimony	5.74	U		P		1.39	5.74	U	
7440-38-2	Arsenic	3.76	J		P		2.9	8.7	J	
7440-39-3	Barium	10.2			P		0.928	2.9	B	MB
7440-41-7	Beryllium	2.9	U		P		0.928	2.9	U	
7440-43-9	Cadmium	0.576	J		P		0.29	2.9	J	
7440-47-3	Chromium	7.27			P		0.928	3.48		
7440-48-4	Cobalt	2.9	U		P		0.29	2.9	U	
7440-50-8	Copper	1.66	J		P		0.928	2.9	J	
7439-89-6	Iron	1510			P		3.48	29	B	MB
7439-92-1	Lead	5.92	U		P		1.97	5.92	U	
7439-95-4	Magnesium	1920			P		16.6	58	B	MB
7439-96-5	Manganese	28.2			P		0.928	2.9		
7439-97-6	Mercury	0.0124	J		CV		0.00417	0.0225	J	
7440-02-0	Nickel	1.35	J		P		0.928	2.9	J	
7440-09-7	Potassium	114	J		P		29	290	JB	MB
7782-49-2	Selenium	6.96	U		P		2.32	6.96	U	
7440-22-4	Silver	0.988	J		P		0.928	2.9	JB	MB
7440-23-5	Sodium	222			P		58	174		
7440-28-0	Thallium	5.92	U		P		1.97	5.92	U	
7440-62-2	Vanadium	6.04			P		0.928	2.9		

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

01-Rev Qual
02-Qual Code

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS1-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code : PEL Case No.: SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447101

Level:(low/med) LOW Date Received: 11/9/2011

PercentSolids: 81.9 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL	01 02
7440-66-6	Zinc	5.8	U		P		1.92	5.8	U

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

01-Rev Qual
02-Qual Code D

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

JM22-FS1-110811DL1

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code : PEL Case No.: SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447101DL1

Level:(low/med) LOW Date Received: 11/9/2011

PercentSolids: 81.9 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL	01	02
7440-70-2	Calcium	301000			P		383	1160		

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

01-Rev Qual
02-Qual Code

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS2-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No.: SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447102

Level:(low/med) LOW Date Received: 11/9/2011

PercentSolids: 90.4 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL	01	02
7429-90-5	Aluminum	530			P		8.61	45.3	JB	MB
7440-36-0	Antimony	4.49	U		P		1.09	4.49	U	
7440-38-2	Arsenic	2.99	J		P		2.27	6.8	J	
7440-39-3	Barium	5.25			P		0.725	2.27	B	MB
7440-41-7	Beryllium	2.27	U		P		0.725	2.27	U	
7440-43-9	Cadmium	0.856	J		P		0.227	2.27	J	
7440-47-3	Chromium	3.95			P		0.725	2.72		
7440-48-4	Cobalt	2.27	U		P		0.227	2.27	U	
7440-50-8	Copper	3.51			P		0.725	2.27		
7439-89-6	Iron	469			P		2.72	22.7	B	MB
7439-92-1	Lead	3.19	J		P		1.54	4.62	J	
7439-95-4	Magnesium	1990			P		13.1	45.3	B	MB
7439-96-5	Manganese	12.3			P		0.725	2.27		
7439-97-6	Mercury	0.0151	J		CV		0.00394	0.0213	J	
7440-02-0	Nickel	0.964	J		P		0.725	2.27	J	
7440-09-7	Potassium	110	J		P		22.7	227	JB	MB
7782-49-2	Selenium	5.44	U		P		1.81	5.44	U	
7440-22-4	Silver	1.09	J		P		0.725	2.27	JB	MB
7440-23-5	Sodium	1030			P		45.3	136		
7440-28-0	Thallium	1.85	J		P		1.54	4.62	J	
7440-62-2	Vanadium	1.73	J		P		0.725	2.27	J	

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

01-Rev Qual
02-Qual Code

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FS2-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No.: SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447102

Level:(low/med) LOW Date Received: 11/9/2011

PercentSolids: 90.4 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL	01 02
7440-66-6	Zinc	8.57			P		1.5	4.53	

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

01-Rev Qual
02-Qual Code

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

JM22-FS2-110811DL1

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code : PEL Case No : SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447102DL1

Level:(low/med) LOW Date Received: 11/9/2011

PercentSolids: 90.4 Station ID:

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL	01	02
7440-70-2	Calcium	316000			P		299	907		

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

01-Rev Qual
02-Qual Code D

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

JM22-EB-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code : PEL Case No.: SAS No: SDG No.: 3504471

Matrix: WATER Lab Sample ID: 350447103

Level:(low/med) LOW Date Received: 11/9/2011

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7429-90-5	Aluminum	34.8	J		P		9.3	100
7440-36-0	Antimony	9.9	U		P		3.3	9.9
7440-38-2	Arsenic	10	U		P		3.31	10
7440-39-3	Barium	10	U		P		0.22	10
7440-41-7	Beryllium	5	U		P		0.12	5
7440-43-9	Cadmium	5	U		P		0.72	5
7440-70-2	Calcium	117	U		P		39	117
7440-47-3	Chromium	10	U		P		0.43	10
7440-48-4	Cobalt	10	U		P		0.37	10
7440-50-8	Copper	10	U		P		2.7	10
7439-89-6	Iron	50	U		P		5.5	50
7439-92-1	Lead	11.1	U		P		3.7	11.1
7439-95-4	Magnesium	100	U		P		9.8	100
7439-96-5	Manganese	10	U		P		0.35	10
7439-97-6	Mercury	0.2	U		CV		0.037	0.2
7440-02-0	Nickel	5	U		P		0.93	5
7440-09-7	Potassium	500	U		P		71.7	500
7782-49-2	Selenium	12.3	U		P		4.1	12.3
7440-22-4	Silver	10	U		P		0.52	10
7440-23-5	Sodium	540	U		P		180	540
7440-28-0	Thallium	10	U		P		4.4	10

01 02
JB MB
EA

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

011211 1608

01-Rev Qual
02-Qual Code

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-EB-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code: PEL Case No.: SAS No: SDG No.: 3504471

Matrix: WATER Lab Sample ID: 350447103

Level:(low/med) LOW Date Received: 11/9/2011

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: UG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL	01	02
7440-62-2	Vanadium	10	U		P		0.44	10	U	
7440-66-6	Zinc	20	U		P		4	20	U	

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

01-Rev Qual
02-Qual Code

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

JM22-FS1-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code : PEL Case No.: SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447101

Level:(low/med) LOW Date Received: 11/9/2011

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: PH

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL	01 02
1-00-6	pH	7.83			N/A				

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

041211 1639

01-Rev Qual
02-Qual Code

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1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

JM22-FS2-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code : PEL Case No.: SAS No: SDG No.: 3504471

Matrix: SOIL Lab Sample ID: 350447102

Level:(low/med) LOW Date Received: 11/9/2011

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: PH

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
1-00-6	pH	8.1			N/A			

01 02

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

01-Rev Qual
02-Qual Code

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

JM22-EB-110811

Lab Name: Spectrum Analytical, Inc. Contract: JM22 Parcel K Backfill

Lab Code : PEL Case No.: SAS No: SDG No.: 3504471

Matrix: WATER Lab Sample ID: 350447103

Level:(low/med) LOW Date Received: 11/9/2011

PercentSolids: 0 Station ID:

CONCENTRATION UNITS: PH

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL	01	02
1-00-6	pH	5.85			N/A					

Color Before: Clarity Before: Texture :

Color After : Clarity After: Artifacts:

Comments:

01-Rev Qual
02-Qual Code

Appendix II
Chain of Custody

PEL
A Division of SPECTRUM ANALYTICAL, INC. formerly HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

3504471

Special Handling:
TAT- Indicate Date Needed: 14 days
All TATs subject to laboratory approval.
Min. 24-hour notification needed for rushes.
Samples disposed of after 60 days unless otherwise instructed.

Report To: Bethany Garvey
CH2M HILL
-on file-

Invoice To: Amy Twitty
CH2M HILL
-on file-

Project No.:
Site Name: JM22 Forest K Backfill Area
Location: Marathon State: FL
Sampler(s): Nikki Manor

Project Mgr.: Amy Twitty

P.O. No.: 89810 RQN: 11384

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=_____ 10=_____ 11=_____

List preservative code below: 2 3 4

Notes:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: 8260	8270	8270 Low Level PAH SIM	8270 BS	8081	8151	8082	FL-PRO	9045/9040 7471
-01	JM22-FS1-110811	11-08-11	16:00	G	SO	3		3		X	X	X	X	X	X	X	X	X
-02	JM22-FS2-110811	11-08-11	16:05	G	SO	3		3		X	X	X	X	X	X	X	X	X
-03	JM22-EB-110811	11-08-11	16:10	G	W	3	6		2	X	X	X	X	X	X	X	X	X

☐ E-mail to bethany.garvey@ch2m.com
EDD Format Level C
pltd 8260c, 8081c, FLPRO

Condition upon receipt: ☐ Iced ☐ Ambient ☒ 4°C

Relinquished by:	Received by:	Date:	Time:
	Fed Ex	11-08-11	17:30
	NT	11-9-11	945

NAS Key West

PREPARED FOR:	NAS Key West / Parcel K Backfill Sampling 2011- Addendum
FINAL REVEIWER:	Camden Robinson/ Associate Project Chemist/CH2M HILL
COPIES:	Amy Twitty /Project Manager/AGVIQ CH2M HILL
DATE:	June 4th, 2012
SUBJECT:	Quality Assessment for Samples Collected November 8th, 2011

This quality assurance memorandum is based upon a review of analytical data generated for soil samples collected on November 8th, 2011 at the Naval Air Station in Key West, Florida. The samples were collected as a part of the Parcel K Backfill Sampling event conducted at the site. Table 1-1 presents a summary of the AGVIQ-CH2M HILL sample identification numbers, laboratory sample identification numbers, dates of collection, and the analyses performed.

PEL subcontracted the samples to Mitkem a division of Spectrum Analytical Inc. of Warwick, Rhode Island to analyze for the following analysis:

- Arsenic by SW-846 6020

Table 1-1 ***Summary Sample Data Reviewed***
NAS Key West

Sample Number	Lab Sample ID	Date Sampled	Analysis Required
JM22-FS1-110811	L0140-01	11/08/2011	[1]
JM22-FS2-110811	L0140-02	11/08/2011	[1]

ANALYSES PERFORMED CODES:
[1] – Arsenic by SW-846 6020

Data for the analyses were reviewed for adherence to the specified analytical protocols in accordance with AGVIQ-CH2M HILL Sampling Analysis Plan. All analysis results have been validated or qualified according to general guidance provided in the Department of Defense (DOD) Quality Systems Manual - Version 4.1 Final April 2009 (based on NELAC Voted Version - 5 June 2003).

The findings of this quality assurance report are based upon the comprehensive review of the following results summaries reported according to the AGVIQ-CH2M HILL Level C (CLP-like data deliverables format): chain of custody documentation, holding times, laboratory method and field blank analyses, matrix spike compound recoveries and reproducibility, initial and

continuing calibration, target compound identification, laboratory control sample results, laboratory duplicate sample results, detection limits/sensitivity, ICP interference check sample results, ICP serial dilution results, and electronic data deliverables.

The analyses were performed acceptably. Any aspects of the data, which are not discussed in this report, should be considered qualitatively and quantitatively valid as reported, based on the deliverables reviewed. The validated results are presented in the data summary tables. Attachment A contains a copy of the chain of custody and the validated sample results.

General Data Qualifiers

As required by U.S. EPA protocols, all compounds which were qualitatively identified at concentrations below their respective reporting limits (RL) but above the method detection limit (MDL) have been qualified with "J" qualifiers on the data summary reports to indicate that they are quantitative estimates.

SOIL CLEANUP TARGET LIMITS - RESIDENTIAL

The samples collected and analyzed for the month of November 2011 for total arsenic were above the soil cleanup target residential limits as indicated below:

Analyte (Arsenic)	Affected Sample	Sample Results (mg/kg)	Soil Cleanup Target Levels Residential (mg/kg)
Arsenic	JM22-FS1-110811	3.76 J	2.1
Arsenic	JM22-FS2-110811	2.99 J	2.1

Summary

The inorganic analyses were performed acceptably, and required no qualifying statements from the laboratory or from the data evaluation. A support documentation package has been prepared for this quality assurance review and is filed with the NAS Key West JM22/Parcel K Backfill Sampling 2011 - Addendum project file.

Attachment I

VALID QUALIFIERS

QUALIFIER	
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit
J	The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there was presumptive evidence to make a "tentative identification."
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
UJ	The analyte was not deemed above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
R/UR	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and to meet the quality control criteria. The presence or absence of the analyte cannot be verified.
B	The analyte was detected in the associated method and/or calibration blank.
JB	The analyte detected in the associated field, equipment, and/or trip blank.

QUALIFICATION CODE REFERENCE

Qualifier	Organics	Inorganics
H	Holding times were exceeded.	Holding times were exceeded.
S	Surrogate recovery was outside QC limits.	The sequence or number of standards used for the calibration was incorrect.
C	Calibration %RSD or %D was noncompliant.	Correlation coefficient is <0.995.
K	Calibration %D was noncompliant for the second source verification.	Correlation coefficient is <0.995 for the second source verification.
R	Calibration RRF was <0.05.	%R for calibration is not within control limits.
MB	Presumed contamination from preparation (method) blank.	Presumed contamination from preparation (method) blank or calibration blank.
L	Laboratory Blank Spike/Blank Spike Duplicate %R was not within control limits.	Laboratory Control Sample %R was not within control limits.
Q	MS/MSD recovery was poor or high RPD.	MS/MSD recovery was poor or high RPD.
G	Result is over the calibration range. No other acceptable result was provided.	Result is over the calibration range. Not other acceptable result was provided.
E	Not applicable.	Lab duplicate RPD showed poor agreement.
Z	Field duplicate RPD showed poor agreement.	Field duplicate RPD showed poor agreement
I	Internal standard performance was unsatisfactory.	ICP ICS results were unsatisfactory.
A	Not applicable.	ICP Serial Dilution %D was not within control limits.
TN	Tuning (BFB or DFTPP) was noncompliant.	Not applicable.
T	Presumed contamination from trip blank.	Not applicable.
+	False positive—reported compound was not present.	Not applicable.
-	False negative—compound was present but not reported.	Not applicable.
F	Presumed contamination from FB or EB.	Presumed contamination from FB or ER.
$	Reported result or other information was incorrect.	Reported result or other information was incorrect.
?	TIC identity or reported retention time has been changed.	Not applicable.
D	The analysis with this flag should not be used because another more technically sound analysis is available.	The aoalysis with this flag should not be used because another more technically sound analysis is available.
P	Confirmation analysis RPD exceeded 40%.	Post Digestion Spike recovery was not within control limits.
T/D	Not applicable.	Total metals results were less than the dissolved metals result.
SD	Not applicable.	Seed correction factor was below the acceptable limit.
M	Results should be considered estimated due to matrix effects caused by saturation of target and/or non-target analytes.	Not applicable

USEPA - CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JM22-FS1-110811

Lab Name: Spectrum Analytical, Inc. Contract: 3505053

Lab Code: MITKEM Case No.: Mod Ref. No.: SDG No.: SL0140

Matrix: SOIL Lab Sample ID: L0140-01

% Solids: 86.3 Date Received: 01/25/2012

Concentration Units (ug/L, ug, or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.1			MS

Comments:

USEPA - CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

JM22-FS2-110811

Lab Name: Spectrum Analytical, Inc. Contract: 3505053

Lab Code: MITKEM Case No.: Mod Ref. No.: SDG No.: SL0140

Matrix: SOIL Lab Sample ID: L0140-02

% Solids: 90.1 Date Received: 01/25/2012

Concentration Units (ug/L, ug, or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.46	J		MS

c.L

Comments:

PEL

A Division of SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

3505053

3504477

Page 1 of 1

Special Handling:
TAT- Indicate Date Needed: 14 days
· All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
· Samples disposed of after 60 days unless otherwise instructed.

Report To: Bethany Garvey
CH2M HILL
-on file-

Invoice To: Amy Twitty
CH2M HILL
-on file-

Project No.:

Site Name: JM22 Forest Backfill Area

Location: Marathon State: FL

Sampler(s): Nikki Manoe

Project Mgr.: Amy Twitty

P.O. No.: 89810 RQN: 11384

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9=_____ 10=_____ 11=_____

Preservative Code Below: 2 3 4

Filtered Y/N

Notes

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	6020-0L 45	8260	8270	8270 Bs/Ms	8081	8151	8082	FL-PRO	9045/9040/9095
01	JM22-FS1-110811	11-08-11	16:00	G	SO	3		3		X	X	X	X	X	X	X	X	X
02	JM22-FS2-110811	11-08-11	16:05	G	SO	3		3		X	X	X	X	X	X	X	X	X
03	JM22-EB-110811	11-08-11	16:30	G	W	3	6		2		X	X	X	X	X	X	X	X

QA/QC Reporting Level
☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☐ Other _____

State specific reporting standards:

☐ E-mail to bethany.garvey@ch2m.com

EDD Format Level 2

plted 8260, 6010, PLPRO 6020 sent to Rhode Island

Relinquished by:	Received by:	Date:	Time:
	Fed Ex	11-08-11	17:30
	NZ	11-9-11	945

Condition upon receipt: ☐ Iced ☐ Ambient ☐ Cool

TABLE F-1
Parcel K Backfill Soil Data Summary

Location			FS1	FS2	FS1	FS2
Sample ID			JM22-FS1-110811	JM22-FS2-110811	JM22-FS1-110811	JM22-FS2-110811
Sample Depth (ft)			0 - 0	0 - 0	0 - 0	0 - 0
Sample Date			11/8/2011	11/8/2011	11/8/2011	11/8/2011
Analyte	**Units**	**SCTL[1] RES**				
					Arsenic by SW-846 6020	
METAL (MG/KG)					January 2012	
Aluminum	MG/KG	80000	**1350 B**	**530 B**		
Antimony	MG/KG	27	5.74 U	4.49 U		
Arsenic	MG/KG	2.1	**3.76 J**	**2.99 J**	1.1	0.46 J
Barium	MG/KG	--	**10.2 B**	**5.25 B**		
Beryllium	MG/KG	120	2.9 U	2.27 U		
Cadmium	MG/KG	82	**0.576 J**	**0.856 J**		
Calcium	MG/KG	--	**301000**	**316000**		
Chromium	MG/KG	210	**7.27**	**3.95**		
Cobalt	MG/KG	1700	2.9 U	2.27 U		
Copper	MG/KG	--	**1.66 J**	**3.51**		
Iron	MG/KG	53000	**1510 B**	**469 B**		
Lead	MG/KG	400	5.92 U	**3.19 J**		
Magnesium	MG/KG	--	**1920 B**	**1990 B**		
Manganese	MG/KG	3500	**28.2**	**12.3**		
Nickel	MG/KG	--	**1.35 J**	**0.964 J**		
Potassium	MG/KG	--	**114 JB**	**110 JB**		
Selenium	MG/KG	440	6.96 U	5.44 U		
Silver	MG/KG	410	**0.988 JB**	**1.09 JB**		
Sodium	MG/KG	--	**222**	**1030**		
Thallium	MG/KG	6.1	5.92 U	**1.85 J**		
Vanadium	MG/KG	--	**6.04**	**1.73 J**		
Zinc	MG/KG	26000	5.8 U	**8.57**		
METAL (SW6020)						
	MG/KG	2.1	**1.1**	**0.46 J**		
PAH (MG/KG)						
1-Methylnaphthalene	MG/KG	200	0.0038 U	0.0035 UJ		
2-Methylnaphthalene	MG/KG	210	0.0038 U	0.0035 U		
Acenaphthene	MG/KG	2400	0.0038 U	0.0035 U		
Acenaphthylene	MG/KG	1800	0.0038 U	0.0035 U		
Anthracene	MG/KG	21000	0.0038 U	**0.0013 J**		
Benzo(a)anthracene	MG/KG	--	0.004 U	**0.013**		
Benzo(a)pyrene	MG/KG	0.1	0.0051 U	**0.016**		
Benzo(b)fluoranthene	MG/KG	--	0.0054 U	**0.026**		
Benzo(g,h,i)perylene	MG/KG	2500	0.0088 U	**0.013**		
Benzo(k)fluoranthene	MG/KG	--	0.0059 U	**0.01**		
Chrysene	MG/KG	--	**0.0013 J**	**0.017**		
Dibenzo(a,h)anthracene	MG/KG	--	**0.0033 J**	0.0069 U		
Fluoranthene	MG/KG	3200	**0.0024 J**	**0.024**		
Fluorene	MG/KG	2600	0.0038 U	0.0035 U		
Indeno(1,2,3-cd)pyrene	MG/KG	--	0.0085 U	**0.0099**		
Naphthalene	MG/KG	55	0.0038 U	0.0035 U		
Phenanthrene	MG/KG	2200	**0.0015 J**	**0.0046**		
Pyrene	MG/KG	2400	**0.0024 J**	**0.02**		
SW7471A (MG/KG)						
Mercury	MG/KG	3	**0.0124 J**	**0.0151 J**		
SW8081A (MG/KG)						
4,4'-DDD	MG/KG	4.2	0.0015 U	0.0013 U		
4,4'-DDE	MG/KG	2.9	0.0014 U	**0.0033**		
4,4'-DDT	MG/KG	2.9	0.0014 U	**0.00095 J**		
Aldrin	MG/KG	0.06	0.0014 U	0.0013 U		
alpha-BHC	MG/KG	0.1	0.0028 U	0.0025 U		
alpha-Chlordane	MG/KG	--	0.0014 U	0.0013 U		
beta-BHC	MG/KG	0.5	0.00097 U	0.00087 U		
Chlordane	MG/KG	3.1	0.015 U	0.013 U		
delta-BHC	MG/KG	24	0.0014 U	0.0013 U		
Dieldrin	MG/KG	0.06	0.0014 U	0.0013 U		
Endosulfan I	MG/KG	--	0.0014 U	0.0013 U		
Endosulfan II	MG/KG	--	0.0014 U	0.0013 U		

TABLE F-1
Parcel K Backfill Soil Data Summary

Location			FS1	FS2	FS1	FS2
Sample ID			JM22-FS1-110811	JM22-FS2-110811	JM22-FS1-110811	JM22-FS2-110811
Sample Depth (ft)			0 - 0	0 - 0	0 - 0	0 - 0
Sample Date			11/8/2011	11/8/2011	11/8/2011	11/8/2011
Analyte	Units	SCTL[1] RES				
Endosulfan sulfate	MG/KG	--	0.0014 U	0.0013 U		
Endrin	MG/KG	25	0.0014 U	0.0013 U		
Endrin aldehyde	MG/KG	--	0.0014 U	0.0013 U		
Endrin ketone	MG/KG	--	0.0014 U	0.0013 U		
gamma-BHC (Lindane)	MG/KG	0.7	0.0014 U	0.0013 U		
gamma-Chlordane	MG/KG	--	0.0014 U	0.0013 U		
Heptachlor	MG/KG	0.2	0.0014 U	0.0013 U		
Heptachlor epoxide	MG/KG	0.1	0.0014 U	0.0013 U		
Methoxychlor	MG/KG	420	0.0014 U	0.0013 U		
Toxaphene	MG/KG	0.9	0.097 U	0.087 U		
SW8082 (MG/KG)						
Aroclor-1016	MG/KG	0.5	0.037 U	0.034 U		
Aroclor-1221	MG/KG	0.5	0.034 U	0.032 U		
Aroclor-1232	MG/KG	0.5	0.057 U	0.053 U		
Aroclor-1242	MG/KG	0.5	0.032 U	0.029 U		
Aroclor-1248	MG/KG	0.5	0.032 U	0.029 U		
Aroclor-1254	MG/KG	0.5	0.029 U	0.026 U		
Aroclor-1260	MG/KG	0.5	0.029 U	0.026 U		
SW8151A (MG/KG)						
2,4,5-T	MG/KG	690	0.012 U	0.011 U		
2,4,5-TP (Silvex)	MG/KG	660	0.012 U	0.011 U		
2,4'-D	MG/KG	770	0.012 U	0.011 U		
2,4-DB	MG/KG	--	0.012 U	0.011 U		
Dalapon	MG/KG	--	0.036 U	0.032 U		
Dicamba	MG/KG	2300	0.012 U	0.011 U		
Dichloroprop	MG/KG	370	0.012 U	0.011 U		
Dinoseb	MG/KG	65	0.012 U	0.011 U		
MCPA	MG/KG	35	2.6 U	2.3 U		
MCPP	MG/KG	64	1.9 U	1.8 U		
SW8270C (MG/KG)						
1,2,4-Trichlorobenzene	MG/KG	660	0.25 U	0.23 U		
2,2'-Oxybis(1-chloropropane)	MG/KG	--	0.62 U	0.57 U		
2,4,5-Trichlorophenol	MG/KG	7700	0.25 U	0.23 U		
2,4,6-Trichlorophenol	MG/KG	70	0.25 U	0.23 U		
2,4-Dichlorophenol	MG/KG	190	0.25 U	0.23 U		
2,4-Dimethylphenol	MG/KG	1300	0.25 U	0.23 U		
2,4-Dinitrophenol	MG/KG	110	1.2 U	1.2 U		
2,4-Dinitrotoluene	MG/KG	1.2	0.25 U	0.23 U		
2,6-Dinitrotoluene	MG/KG	1.2	0.25 U	0.23 U		
2-Chloronaphthalene	MG/KG	5000	0.25 U	0.23 U		
2-Chlorophenol	MG/KG	130	0.25 U	0.23 U		
2-Methylphenol	MG/KG	2900	0.27 U	0.25 U		
2-Nitroaniline	MG/KG	24	0.25 U	0.23 U		
2-Nitrophenol	MG/KG	--	0.25 U	0.23 U		
3,3'-Dichlorobenzidine	MG/KG	2.1	0.25 U	0.23 U		
3-Nitroaniline	MG/KG	21	0.25 U	0.23 U		
4,6-Dinitro-2-methylphenol	MG/KG	8.4	0.75 U	0.69 U		
4-Bromophenyl-phenylether	MG/KG	--	0.25 U	0.23 U		
4-Chloro-3-methylphenol	MG/KG	600	0.25 U	0.23 U		
4-Chloroaniline	MG/KG	270	0.25 U	0.23 U		
4-Chlorophenyl-phenylether	MG/KG	--	0.25 U	0.23 U		
4-Methylphenol	MG/KG	300	0.25 U	0.23 U		
4-Nitroaniline	MG/KG	17	0.25 U	0.23 U		
4-Nitrophenol	MG/KG	560	0.63 U	0.58 U		
Bis(2-chloroethoxy)methane	MG/KG	250	0.25 U	0.23 U		
Bis(2-chloroethyl)ether	MG/KG	0.3	0.25 U	0.23 U		
Bis(2-ethylhexyl)phthalate	MG/KG	72	0.25 U	0.23 U		
Butylbenzylphthalate	MG/KG	17000	0.25 U	0.23 U		
Carbazole	MG/KG	49	0.25 U	0.23 U		
Dibenzofuran	MG/KG	320	0.25 U	0.23 U		

TABLE F-1
Parcel K Backfill Soil Data Summary

Location			FS1	FS2	FS1	FS2
Sample ID			JM22-FS1-110811	JM22-FS2-110811	JM22-FS1-110811	JM22-FS2-110811
Sample Depth (ft)			0 - 0	0 - 0	0 - 0	0 - 0
Sample Date			11/8/2011	11/8/2011	11/8/2011	11/8/2011
Analyte	**Units**	**SCTL[1] RES**				
Diethylphthalate	MG/KG	61000	0.25 U	0.23 U		
Dimethylphthalate	MG/KG	690000	0.25 U	0.23 U		
Di-n-butylphthalate	MG/KG	8200	0.25 U	0.23 U		
Di-n-octylphthalate	MG/KG	1700	0.25 U	0.23 U		
Hexachlorobenzene	MG/KG	0.4	0.25 U	0.23 U		
Hexachlorobutadiene	MG/KG	6.2	0.25 U	0.23 U		
Hexachlorocyclopentadiene	MG/KG	9.5	0.63 U	0.58 U		
Hexachloroethane	MG/KG	38	0.25 U	0.23 U		
Isophorone	MG/KG	540	0.25 U	0.23 U		
Nitrobenzene	MG/KG	18	0.25 U	0.23 U		
N-Nitroso-di-n-propylamine	MG/KG	0.08	0.075 U	0.069 U		
N-Nitrosodiphenylamine	MG/KG	180	0.25 U	0.23 U		
Pentachlorophenol	MG/KG	7.2	0.38 U	0.34 U		
Phenol	MG/KG	--	0.25 U	0.23 U		
SW9045 (PH)						
pH	PH	--	**7.85**	**8.1**		
TPH (MG/KG)						
TPH	MG/KG	460	**22.7 J**	**33.2 J**		
VOA (MG/KG)						
1,1,1-Trichloroethane	MG/KG	730	0.00254 UJ	0.00193 U		
1,1,2,2-Tetrachloroethane	MG/KG	0.7	0.00254 UJ	0.00193 U		
1,1,2-Trichloro-1,2,2-trifluoroethane	MG/KG	18000	0.00328 UJ	0.00249 U		
1,1,2-Trichloroethane	MG/KG	1.4	0.00763 UJ	0.00579 U		
1,1-Dichloroethane	MG/KG	390	0.00763 UJ	0.00579 U		
1,1-Dichloroethene	MG/KG	95	0.00254 UJ	0.00193 U		
1,2,3-Trichlorobenzene	MG/KG	650	0.00763 UJ	0.00579 U		
1,2,4-Trichlorobenzene	MG/KG	660	0.00763 UJ	0.00579 U		
1,2-Dibromo-3-chloropropane	MG/KG	0.7	0.0107 UJ	0.00811 U		
1,2-Dibromoethane	MG/KG	0.1	0.00382 UJ	0.0029 U		
1,2-Dichlorobenzene	MG/KG	880	**0.0013 J**	0.00483 U		
1,2-Dichloroethane	MG/KG	0.5	0.00254 UJ	0.00193 U		
1,2-Dichloropropane	MG/KG	0.6	0.00355 UJ	0.00269 U		
1,3-Dichlorobenzene	MG/KG	380	0.00763 UJ	0.00579 U		
1,4-Dichlorobenzene	MG/KG	6.4	0.00763 UJ	0.00579 U		
2-Butanone	MG/KG	16000	0.0172 UJ	0.013 U		
2-Hexanone	MG/KG	24	0.0153 UJ	0.0116 U		
4-Methyl-2-pentanone	MG/KG	4300	0.0127 UJ	0.00965 U		
Acetone	MG/KG	11000	0.0183 UJ	0.0139 U		
Benzene	MG/KG	1.2	0.00254 UJ	0.00193 U		
Bromochloromethane	MG/KG	95	0.00343 UJ	0.00261 U		
Bromodichloromethane	MG/KG	1.5	0.00254 UJ	0.00193 U		
Bromoform	MG/KG	48	0.0079 UJ	0.00599 U		
Bromomethane	MG/KG	3.1	0.00763 UJ	0.00579 U		
Carbon disulfide	MG/KG	270	0.00458 UJ	0.00348 U		
Carbon tetrachloride	MG/KG	0.5	0.00763 UJ	0.00579 U		
Chlorobenzene	MG/KG	120	0.00763 UJ	0.00579 U		
Chloroethane	MG/KG	3.9	0.0183 UJ	0.0139 U		
Chloroform	MG/KG	0.4	0.00763 UJ	0.00579 U		
Chloromethane	MG/KG	4	0.0042 UJ	0.00318 U		
cis-1,2-Dichloroethene	MG/KG	33	0.00458 UJ	0.00348 U		
cis-1,3-Dichloropropene	MG/KG	--	0.00254 UJ	0.00193 U		
Cyclohexane	MG/KG	--	0.00313 UJ	0.00237 U		
Dibromochloromethane	MG/KG	1.5	0.00382 UJ	0.0029 U		
Dichlorodifluoromethane	MG/KG	77	0.00309 UJ	0.00234 U		
Ethylbenzene	MG/KG	1500	0.0029 UJ	0.0022 U		
Isopropylbenzene	MG/KG	220	0.00301 UJ	0.00229 U		
Methyl Acetate	MG/KG	6800	0.00839 UJ	0.00637 U		
Methyl tert-butyl ether	MG/KG	4400	0.00254 UJ	0.00193 U		
Methylcyclohexane	MG/KG	--	0.00366 UJ	0.00278 U		
Methylene chloride	MG/KG	17	0.00636 UJ	0.00483 U		

TABLE F-1
Parcel K Backfill Soil Data Summary

Location			FS1	FS2	FS1	FS2
Sample ID			JM22-FS1-110811	JM22-FS2-110811	JM22-FS1-110811	JM22-FS2-110811
Sample Depth (ft)			0 - 0	0 - 0	0 - 0	0 - 0
Sample Date			11/8/2011	11/8/2011	11/8/2011	11/8/2011
Analyte	**Units**	**SCTL[1 RES]**				
Styrene	MG/KG	3600	0.00254 UJ	0.00193 U		
Tetrachloroethene	MG/KG	8.8	0.00355 UJ	0.00269 U		
Toluene	MG/KG	7500	0.00332 UJ	0.00252 U		
trans-1,2-Dichloroethene	MG/KG	53	0.00763 UJ	0.00579 U		
trans-1,3-Dichloropropene	MG/KG	--	0.00254 UJ	0.00193 U		
Trichloroethene	MG/KG	6.4	0.00351 UJ	0.00266 U		
Trichlorofluoromethane	MG/KG	270	0.00254 UJ	0.00193 U		
Vinyl chloride	MG/KG	0.2	0.0061 UJ	0.00463 U		
Xylene (total)	MG/KG	130	0.00763 UJ	0.00579 U		

Notes:
NA Not analyzed
B The analyte was detected in the associated method and/or calibration blank
J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample
JB The analyte detected in the associated field, equipment, and/or trip blank
U The analyte was analyzed for, but was not detected above the reported sample quantitation limit
UJ The analyte was below the reported sample quantitation limit. However, the reported value is approximate
mg/kg Milligrams per Kilogram

1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg
SCTL [1 RES] - Soil Cleanup Target Level Residential.

Bold indicates the analyte was detected
Shading indicates the analyte exceded screening criteria

Waste Characterization

1

VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU1S-121610

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166301 Lab File ID: 66301.D

Sample wt/vol: 0.5 Units: ML Date Received: 12/17/10

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/27/10 Time: 1735

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: B1,D2W,HFSB-07 Method: 8260 TCLP

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: MG/L

TCLP Analysis

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
75-01-4	Vinyl chloride	0.0138	U	0.0018	0.0138
75-35-4	1,1-Dichloroethene	0.0132	U	0.0019	0.0132
78-93-3	2-Butanone	0.12	U	0.02	0.12
67-66-3	Chloroform	0.0141	U	0.0016	0.0141
56-23-5	Carbon tetrachloride	0.0153	U	0.0014	0.0153
71-43-2	Benzene	0.005	U	0.0017	0.005
107-06-2	1,2-Dichloroethane	0.0132	U	0.0015	0.0132
79-01-6	Trichloroethene	0.0126	U	0.0019	0.0126
127-18-4	Tetrachloroethylene	0.0171	U	0.0021	0.0171
108-90-7	Chlorobenzene	0.005	U	0.0016	0.005

C-1

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU1N-121610

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code: PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166302 Lab File ID: 66302.D

Sample wt/vol: 0.5 Units: ML Date Received: 12/17/10

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/27/10 Time: 1758

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: C4, D4, D4N Method: 8260 TCLP

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: MG/L

TCLP Analysis

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
75-01-4	Vinyl chloride	0.0138	U	0.0018	0.0138
75-35-4	1,1-Dichloroethene	0.0132	U	0.0019	0.0132
78-93-3	2-Butanone	0.12	U	0.02	0.12
67-66-3	Chloroform	0.0141	U	0.0016	0.0141
56-23-5	Carbon tetrachloride	0.0153	U	0.0014	0.0153
71-43-2	Benzene	0.005	U	0.0017	0.005
107-06-2	1,2-Dichloroethane	0.0132	U	0.0015	0.0132
79-01-6	Trichloroethene	0.0126	U	0.0019	0.0126
127-18-4	Tetrachloroethylene	0.0037	J	0.0021	0.0171
108-90-7	Chlorobenzene	0.005	U	0.0016	0.005

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU2S-121610

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350186303 Lab File ID: 66303.D

Sample wt/vol: 0.5 Units: ML Date Received: 12/17/10

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/27/10 Time: 1821

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: E1, E2E, F3 Method: 8260 TCLP

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: MG/L

TCLP Analysis

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
75-01-4	Vinyl chloride	0.0138	U	0.0018	0.0138
75-35-4	1,1-Dichloroethene	0.0132	U	0.0019	0.0132
78-93-3	2-Butanone	0.12	U	0.02	0.12
67-66-3	Chloroform	0.0141	U	0.0016	0.0141
56-23-5	Carbon tetrachloride	0.0153	U	0.0014	0.0153
71-43-2	Benzene	0.005	U	0.0017	0.005
107-06-2	1,2-Dichloroethane	0.0132	U	0.0015	0.0132
79-01-6	Trichloroethene	0.0126	U	0.0019	0.0126
127-18-4	Tetrachloroethylene	0.0171	U	0.0021	0.0171
108-90-7	Chlorobenzene	0.005	U	0.0016	0.005

C-L

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU2N-121610

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166304 Lab File ID: 66304.D

Sample wt/vol: 0.5 Units: ML Date Received: 12/17/10

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/27/10 Time: 1844

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: 3E4, E5S, G4 Method: 8260 TCLP

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: MG/L

TCLP Analysis

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
75-01-4	Vinyl chloride	0.0138	U	0.0018	0.0138
75-35-4	1,1-Dichloroethene	0.0132	U	0.0019	0.0132
78-93-3	2-Butanone	0.12	U	0.02	0.12
67-66-3	Chloroform	0.0141	U	0.0016	0.0141
56-23-5	Carbon tetrachloride	0.0153	U	0.0014	0.0153
71-43-2	Benzene	0.005	U	0.0017	0.005
107-06-2	1,2-Dichloroethane	0.0132	U	0.0015	0.0132
79-01-6	Trichloroethene	0.0126	U	0.0019	0.0126
127-18-4	Tetrachloroethylene	0.0171	U	0.0021	0.0171
108-90-7	Chlorobenzene	0.005	U	0.0016	0.005

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU3S-121610

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166305 Lab File ID: 66305.D

Sample wt/vol: 0.5 Units: ML Date Received: 12/17/10

Concentrated Extract Volume: 5 Date Extracted:

Level:(low/med) LOW Date Analyzed: 12/27/10 Time: 1906

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: I1J, 2I3, HFSB- Method: 8260 TCLP

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: MG/L

TCLP Analysis

CAS NO.	ANALYTE	RESULT	Q	MDL	RL
75-01-4	Vinyl chloride	0.0138	U	0.0018	0.0138
75-35-4	1,1-Dichloroethene	0.0132	U	0.0019	0.0132
78-93-3	2-Butanone	0.12	U	0.02	0.12
67-66-3	Chloroform	0.0141	U	0.0016	0.0141
56-23-5	Carbon tetrachloride	0.0153	U	0.0014	0.0153
71-43-2	Benzene	0.005	U	0.0017	0.005
107-06-2	1,2-Dichloroethane	0.0132	U	0.0015	0.0132
79-01-6	Trichloroethene	0.0126	U	0.0019	0.0126
127-18-4	Tetrachloroethylene	0.0171	U	0.0021	0.0171
108-90-7	Chlorobenzene	0.005	U	0.0016	0.005

c-2

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VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU3N-121610

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166306 Lab File ID: 66306.D

Sample wt/vol: 0.5 Units: ML Date Received: 12/17/10

Concentrated Extract Volume: 5 Date Extracted:

Level (low/med) LOW Date Analyzed: 12/27/10 Time: 1929

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: PURGETRAP Station ID: HFSB02, I4SE, I Method: 8260 TCLP

GPC Cleanup : (Y/N) pH:

Column(1): DB-624 ID: 0.18 (mm)

CONCENTRATION UNITS: MG/L

TCLP Analysis

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
75-01-4	Vinyl chloride	0.0138	U	0.0018	0.0138
75-35-4	1,1-Dichloroethene	0.0132	U	0.0019	0.0132
78-93-3	2-Butanone	0.12	U	0.02	0.12
67-66-3	Chloroform	0.0141	U	0.0016	0.0141
56-23-5	Carbon tetrachloride	0.0153	U	0.0014	0.0153
71-43-2	Benzene	0.005	U	0.0017	0.005
107-06-2	1,2-Dichloroethane	0.0132	U	0.0015	0.0132
79-01-6	Trichloroethene	0.0126	U	0.0019	0.0126
127-18-4	Tetrachloroethylene	0.0171	U	0.0021	0.0171
108-90-7	Chlorobenzene	0.005	U	0.0016	0.005

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU1S-121610

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166301 Lab File ID: 663-01DH.D

Sample wt/vol: 25.29 Units: G Date Received: 12/17/10

Concentrated Extract Volume: 10 Date Extracted: 12/23/10

Level:(low/med) LOW Date Analyzed: 12/29/10 Time: 2010

PercentSolids: 89.7 decanted : Dilution Factor: 100

Extraction: SONC Station ID: B1,D2W,HFSB-07 Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	3.4	U	1.1	3.4
11096-82-5	Aroclor-1260	4200	E K-D	0.54	2.6
11104-28-2	Aroclor-1221	3.2	U	1	3.2
11141-16-5	Aroclor-1232	5.3	U	1.8	5.3
53469-21-9	Aroclor-1242	2.9	U	0.97	2.9
12672-29-6	Aroclor-1248	2.9	U	0.97	2.9
11097-69-1	Aroclor-1254	2.6	U	0.84	2.6

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Results reported on Primary Column, if RPD >40% results flagged accordingly.

050111-1532

Form I

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU1S-121610DL1

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166301DL1 Lab File ID: 633-12K D

Sample wt/vol: 25.29 Units: G Date Received: 12/17/10

Concentrated Extract Volume: 10 Date Extracted: 12/23/10

Level:(low/med) LOW Date Analyzed: 12/30/10 Time: 2254

PercentSolids: 89.7 decanted : Dilution Factor: 2000

Extraction: SONC Station ID: B1,D2W,HFSB-07 Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	69	U R-D	23	69
11096-82-5	Aroclor-1260	6800	E R-D	11	53
11104-28-2	Aroclor-1221	63	U	21	63
11141-16-5	Aroclor-1232	100	U	35	100
53469-21-9	Aroclor-1242	58	U	19	58
12672-29-6	Aroclor-1248	58	U	19	58
11097-69-1	Aroclor-1254	53	U	17	53

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Form I

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU1S-121610DL2

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166301DL2 Lab File ID: 33-18K.D

Sample wt/vol: 25.29 Units: G Date Received: 12/17/10

Concentrated Extract Volume: 10 Date Extracted: 12/23/10

Level:(low/med) LOW Date Analyzed: 12/31/10 Time: 1058

PercentSolids: 89.7 decanted : Dilution Factor: 8000

Extraction: SONC Station ID: B1,D2W,HFSB-07 Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	280	U R-D	92	280
11096-82-5	Aroclor-1260	6200		43	210
11104-28-2	Aroclor-1221	250	U R-D	85	250
11141-16-5	Aroclor-1232	420	U	140	420
53469-21-9	Aroclor-1242	230	U	78	230
12672-29-6	Aroclor-1248	230	U	78	230
11097-69-1	Aroclor-1254	210	U	67	210

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Results reported on Primary Column, if RPD >40% results flagged accordingly.

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU1N-121610

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166302 Lab File ID: 663-02.D

Sample wt/vol: 25.01 Units: G Date Received: 12/17/10

Concentrated Extract Volume: 10 Date Extracted: 12/23/10

Level:(low/med) LOW Date Analyzed: 12/29/10 Time: 0127

PercentSolids: 92.2 decanted : Dilution Factor: 1

Extraction: SONC Station ID: C4, D4, D4N Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.034	U	0.011	0.034
11096-82-5	Aroclor-1260	7.6	~E, P-1)	0.0053	0.026
11104-28-2	Aroclor-1221	0.031	U	0.01	0.031
11141-16-5	Aroclor-1232	0.052	U	0.017	0.052
53469-21-9	Aroclor-1242	0.029	U	0.0095	0.029
12672-29-6	Aroclor-1248	0.029	U	0.0095	0.029
11097-69-1	Aroclor-1254	0.026	U	0.0082	0.026

Results reported on Primary Column, if RPD >40% results flagged accordingly.

050111 1532

Form I

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU1N-121610DL1

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166302DL1 Lab File ID: 663-02DX.D

Sample wt/vol: 25.01 Units: G Date Received: 12/17/10

Concentrated Extract Volume: 10 Date Extracted: 12/23/10

Level:(low/med) LOW Date Analyzed: 12/29/10 Time: 2024

PercentSolids: 92.2 decanted : Dilution Factor: 10

Extraction: SONC Station ID: C4, D4, D4N Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.34	U R-D	0.11	0.34
11096-82-5	Aroclor-1260	9.7		0.053	0.26
11104-28-2	Aroclor-1221	0.31	U R D	0.1	0.31
11141-16-5	Aroclor-1232	0.52	U	0.17	0.52
53469-21-9	Aroclor-1242	0.29	U	0.095	0.29
12672-29-6	Aroclor-1248	0.29	U	0.095	0.29
11097-69-1	Aroclor-1254	0.26	U	0.082	0.26

Results reported on Primary Column, if RPD >40% results flagged accordingly.

050111 1532

Form I

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU2S-121610

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166303 Lab File ID: 663-03.D

Sample wt/vol: 25.63 Units: G Date Received: 12/17/10

Concentrated Extract Volume: 10 Date Extracted: 12/23/10

Level:(low/med) LOW Date Analyzed: 12/29/10 Time: 0142

PercentSolids: 91.9 decanted : Dilution Factor: 1

Extraction: SONC Station ID: E1, E2E, F3 Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.033	U	0.011	0.033
11096-82-5	Aroclor-1260	25	E D	0.0052	0.025
11104-28-2	Aroclor-1221	0.03	U	0.01	0.03
11141-16-5	Aroclor-1232	0.051	U	0.017	0.051
53469-21-9	Aroclor-1242	0.028	U	0.0093	0.028
12672-29-6	Aroclor-1248	0.028	U	0.0093	0.028
11097-69-1	Aroclor-1254	0.025	U	0.0081	0.025

C1

Results reported on Primary Column, if RPD >40% results flagged accordingly.

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU2S-121610DL1

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166303DL1 Lab File ID: 663-03DX.D

Sample wt/vol: 25.63 Units: G Date Received: 12/17/10

Concentrated Extract Volume: 10 Date Extracted: 12/23/10

Level:(low/med) LOW Date Analyzed: 12/29/10 Time: 2039

PercentSolids: 91.9 decanted : Dilution Factor: 10

Extraction: SONC Station ID: E1, E2E, F3 Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.33	U	0.11	0.33
11096-82-5	Aroclor-1260	35	E	0.052	0.25
11104-28-2	Aroclor-1221	0.3	U	0.1	0.3
11141-16-5	Aroclor-1232	0.51	U	0.17	0.51
53469-21-9	Aroclor-1242	0.28	U	0.093	0.28
12672-29-6	Aroclor-1248	0.28	U	0.093	0.28
11097-69-1	Aroclor-1254	0.25	U	0.081	0.25

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Form I

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU2S-121610DL2

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166303DL2 Lab File ID: 663-3DH.D

Sample wt/vol: 25.63 Units: G Date Received: 12/17/10

Concentrated Extract Volume: 10 Date Extracted: 12/23/10

Level:(low/med) LOW Date Analyzed: 12/30/10 Time: 2324

PercentSolids: 91.9 decanted : Dilution Factor: 100

Extraction: SONC Station ID: E1, E2E, F3 Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	3.3	U	1.1	3.3
11096-62-5	Aroclor-1260	45		0.52	2.5
11104-28-2	Aroclor-1221	3	U	1	3
11141-16-5	Aroclor-1232	5.1	U	1.7	5.1
53469-21-9	Aroclor-1242	2.8	U	0.93	2.8
12672-29-6	Aroclor-1248	2.8	U	0.93	2.8
11097-69-1	Aroclor-1254	2.5	U	0.81	2.5

C-L

Results reported on Primary Column, if RPD >40% results flagged accordingly.

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PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU2N-121610

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350156304 Lab File ID: 663-04.D

Sample wt/vol: 25.2 Units: G Date Received: 12/17/10

Concentrated Extract Volume: 10 Date Extracted: 12/23/10

Level:(low/med) LOW Date Analyzed: 12/29/10 Time: 0157

PercentSolids: 92.9 decanted : Dilution Factor: 1

Extraction: SONC Station ID: 3E4, E5S, G4 Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.033	U	0.011	0.033
11096-82-5	Aroclor-1260	1.2	E, R-D	0.0052	0.026
11104-28-2	Aroclor-1221	0.031	U	0.01	0.031
11141-16-5	Aroclor-1232	0.051	U	0.017	0.051
53469-21-9	Aroclor-1242	0.028	U	0.0094	0.028
12672-29-6	Aroclor-1248	0.028	U	0.0094	0.028
11097-69-1	Aroclor-1254	0.026	U	0.0081	0.026

Results reported on Primary Column, if RPD >40% results flagged accordingly.

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU2N-121610DL1

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166304DL1 Lab File ID: 663-04DX.D

Sample wt/vol: 25.2 Units: G Date Received: 12/17/10

Concentrated Extract Volume: 10 Date Extracted: 12/23/10

Level:(low/med) LOW Date Analyzed: 12/29/10 Time: 2123

PercentSolids: 92.9 decanted : Dilution Factor: 10

Extraction: SONC Station ID: 3E4, E5S, G4 Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.33	U R-D	0.11	0.33
11096-82-5	Aroclor-1260	1.8		0.052	0.26
11104-28-2	Aroclor-1221	0.31	U R-D	0.1	0.31
11141-16-5	Aroclor-1232	0.51	U	0.17	0.51
53469-21-9	Aroclor-1242	0.28	U	0.094	0.28
12672-29-6	Aroclor-1248	0.28	U	0.094	0.28
11097-69-1	Aroclor-1254	0.26	U	0.081	0.26

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Results reported on Primary Column, if RPD >40% results flagged accordingly.

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU3S-121610

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166305 Lab File ID: 663-05.D

Sample wt/vol: 25.67 Units: G Date Received: 12/17/10

Concentrated Extract Volume: 10 Date Extracted: 12/23/10

Level:(low/med) LOW Date Analyzed: 12/29/10 Time: 0212

PercentSolids: 92.8 decanted : Dilution Factor: 1

Extraction: SONC Station ID: I1J, 2I3, HFSB- Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.033	U	0.011	0.033
11096-82-5	Aroclor-1260	1.1	E R-D	0.0051	0.025
11104-28-2	Aroclor-1221	0.03	U	0.01	0.03
11141-16-5	Aroclor-1232	0.05	U	0.017	0.05
53469-21-9	Aroclor-1242	0.028	U	0.0092	0.028
12672-29-6	Aroclor-1248	0.028	U	0.0092	0.028
11097-69-1	Aroclor-1254	0.025	U	0.008	0.025

Results reported on Primary Column, if RPD >40% results flagged accordingly.

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU3S-121610DL1

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code: PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166305DL1 Lab File ID: 663-05DX.D

Sample wt/vol: 25.67 Units: G Date Received: 12/17/10

Concentrated Extract Volume: 10 Date Extracted: 12/23/10

Level:(low/med) LOW Date Analyzed: 12/29/10 Time: 2138

PercentSolids: 92.8 decanted : Dilution Factor: 10

Extraction: SONC Station ID: I1J, 213, HFSB- Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.33	U	0.11	0.33
11096-82-5	Aroclor-1260	1.4		0.051	0.25
11104-20-2	Aroclor-1221	0.3	U	0.1	0.3
11141-16-5	Aroclor-1232	0.5	U	0.17	0.5
53469-21-9	Aroclor-1242	0.28	U	0.092	0.28
12672-29-6	Aroclor-1248	0.28	U	0.092	0.28
11097-69-1	Aroclor-1254	0.25	U	0.08	0.25

Results reported on Primary Column, if RPD >40% results flagged accordingly.

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU3N-121610

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166306 Lab File ID: 663-06.D

Sample wt/vol: 25.92 Units: G Date Received: 12/17/10

Concentrated Extract Volume: 10 Date Extracted: 12/23/10

Level:(low/med) LOW Date Analyzed: 12/29/10 Time: 0226

PercentSolids: 90.8 decanted : Dilution Factor: 1

Extraction: SONC Station ID: HFSB02, I4SE, I Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.033	U	0.011	0.033
11096-82-5	Aroclor-1260	0.15		0.0052	0.025
11104-28-2	Aroclor-1221	0.03	U	0.01	0.03
11141-16-5	Aroclor-1232	0.051	U	0.017	0.051
53469-21-9	Aroclor-1242	0.028	U	0.0093	0.028
12672-29-6	Aroclor-1248	0.028	U	0.0093	0.028
11097-69-1	Aroclor-1254	0.025	U	0.0081	0.025

Results reported on Primary Column, if RPD >40% results flagged accordingly.

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HERBICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU1S-121610

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166301 Lab File ID: 663-01.D

Sample wt/vol: 500 Units: ML Date Received: 12/17/10

Concentrated Extract Volume: 10 Date Extracted: 12/23/10

Level:(low/med) LOW Date Analyzed: 12/29/10 Time: 0616

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: B1,D2W,HFSB-07 Method: 8151 TCLP

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/L

TCLP Analysis

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
94-75-7	2,4'-D	0.001	U	0.0003	0.001
93-72-1	2,4,5-TP (Silvex)	0.001	U	0.000076	0.001

Results reported on Primary Column, if RPD >40% results flagged accordingly.

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HERBICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU1N-121610

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166302 Lab File ID: 663-02.D

Sample wt/vol: 500 Units: ML Date Received: 12/17/10

Concentrated Extract Volume: 10 Date Extracted: 12/23/10

Level (low/med) LOW Date Analyzed: 12/29/10 Time: 0642

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: C4, D4, D4N Method: 8151 TCLP

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/L

TCLP Analysis

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
94-75-7	2,4'-D	0.001	U	0.0003	0.001
93-72-1	2,4,5-TP (Silvex)	0.001	U	0.000076	0.001

Results reported on Primary Column, if RPD >40% results flagged accordingly.

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HERBICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU2S-121610

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166303 Lab File ID: 663-03.D

Sample wt/vol: 500 Units: ML Date Received: 12/17/10

Concentrated Extract Volume: 10 Date Extracted: 12/23/10

Level:(low/med) LOW Date Analyzed: 12/29/10 Time: 0709

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: E1, E2E, F3 Method: 8151 TCLP

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/L

TCLP Analysis

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
94-75-7	2,4'-D	0.001	U	0.0003	0.001
93-72-1	2,4,5-TP (Silvex)	0.001	U	0.000076	0.001

Results reported on Primary Column, if RPD >40% results flagged accordingly.

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HERBICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU2N-121610

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166304 Lab File ID: 663-04.D

Sample wt/vol: 500 Units: ML Date Received: 12/17/10

Concentrated Extract Volume: 10 Date Extracted: 12/23/10

Level:(low/med) LOW Date Analyzed: 12/29/10 Time: 0739

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: 3E4, E5S, G4 Method: 8151 TCLP

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/L

TCLP Analysis

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
94-75-7	2,4'-D	0.001	U	0.0003	0.001
93-72-1	2,4,5-TP (Silvex)	0.001	U	0.000076	0.001

Results reported on Primary Column, if RPD >40% results flagged accordingly.

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HERBICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU3S-121610

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166305 Lab File ID: 663-05.D

Sample wt/vol: 500 Units: ML Date Received: 12/17/10

Concentrated Extract Volume: 10 Date Extracted: 12/23/10

Level:(low/med) LOW Date Analyzed: 12/29/10 Time: 0805

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: I1J, 2I3, HFSB- Method: 8151 TCLP

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/L

TCLP Analysis

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
94-75-7	2,4'-D	0.001	U	0.0003	0.001
93-72-1	2,4,5-TP (Silvex)	0.001	U	0.000076	0.001

Results reported on Primary Column, if RPD >40% results flagged accordingly.

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HERBICIDE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU3N-121610

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166306 Lab File ID: 663-06.D

Sample wt/vol: 460 Units: ML Date Received: 12/17/10

Concentrated Extract Volume: 10 Date Extracted: 12/23/10

Level:(low/med) LOW Date Analyzed: 12/29/10 Time: 0832

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: HFSB02, I4SE, I Method: 8151 TCLP

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/L

TCLP Analysis

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
94-75-7	2,4'-D	0.0011	U	0.00033	0.0011
93-72-1	2,4,5-TP (Silvex)	0.0011	U	0.000083	0.0011

Results reported on Primary Column, if RPD >40% results flagged accordingly.

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU1S-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166301

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 89.7 Station ID: B1,D2W,HFSB-07

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
5955-70-0	Cyanide	0.502	J		CA		0.366	126

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-WC-EU1N-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166302

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 92.2 Station ID: C4, D4, D4N

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
5955-70-0	Cyanide	120	U		CA		0.348	120

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Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU2S-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166303

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 91.9 Station ID: E1, E2E, F3

CONCENTRATION UNITS: *MG/KG*

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
5955-70-0	Cyanide	0.571	J		CA		0.376	130

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU2N-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166304

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 92.9 Station ID: 3E4, E5S, G4

CONCENTRATION UNITS: *MGIKG*

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
5955-70-0	Cyanide	0.416	J		CA		0.352	122

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU3S-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166305

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 92.8 Station ID: 11J, 2I3, HFSB-

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
5955-70-0	Cyanide	129	U		CA		0.373	129

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU3N-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166306

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 90.8 Station ID: HFSB02, I4SE, I

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
5955-70-0	Cyanide	0.73	J		CA		0.374	129

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU1S-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166301

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 0 Station ID. B1,D2W,HFSB-07

TCLP Analysis

CONCENTRATION UNITS: MG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7440-38-2	Arsenic	0.1	U		P		0.0331	0.1
7440-39-3	Barium	0.243			P		0.0022	0.1
7440-43-9	Cadmium	0.0249	J		P		0.0072	0.05
7440-47-3	Chromium	0.0279	J		P		0.0043	0.1
7439-92-1	Lead	0.144	J		P		0.037	0.15
7439-97-6	Mercury	0.002	U		CV		0.0004	0.002
7782-49-2	Selenium	0.0626	J		P		0.041	0.2
7440-22-4	Silver	0.1	U		P		0.0052	0.1

Color Before: _____ Clarity Before: _____ Texture: _____

Color After : ___ Clarity After: _____ Artifacts: _____

Comments.

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU1N-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166302

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 0 Station ID: C4, D4, D4N

TCLP Analysis

CONCENTRATION UNITS: MG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7440-38-2	Arsenic	0.1	U		P		0.0331	0.1
7440-39-3	Barium	0.254			P		0.0022	0.1
7440-43-9	Cadmium	0.0244	J		P		0.0072	0.05
7440-47-3	Chromium	0.027	J		P		0.0043	0.1
7439-92-1	Lead	0.0993	J		P		0.037	0.15
7439-97-6	Mercury	0.002	U		CV		0.0004	0.002
7782-49-2	Selenium	0.0645	J		P		0.041	0.2
7440-22-4	Silver	0.1	U		P		0.0052	0.1

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU2S-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166303

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 0 Station ID: E1, E2E, F3

TCLP Analysis

CONCENTRATION UNITS: MG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7440-38-2	Arsenic	0.1	U		P		0.0331	0.1
7440-39-3	Barium	0.383			P		0.0022	0.1
7440-43-9	Cadmium	0.0299	J		P		0.0072	0.05
7440-47-3	Chromium	0.0388	J		P		0.0043	0.1
7439-92-1	Lead	0.357			P		0.037	0.15
7439-97-6	Mercury	0.000428	J		CV		0.0004	0.002
7782-49-2	Selenium	0.0457	J		P		0.041	0.2
7440-22-4	Silver	0.1	U		P		0.0052	0.1

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU2N-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166304

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 0 Station ID: 3E4, E5S, G4

TCLP Analysis

CONCENTRATION UNITS: MG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7440-38-2	Arsenic	0.1	U		P		0.0331	0.1
7440-39-3	Barium	0.174			P		0.0022	0.1
7440-43-9	Cadmium	0.0187	J		P		0.0072	0.05
7440-47-3	Chromium	0.0277	J		P		0.0043	0.1
7439-92-1	Lead	0.0792	J		P		0.037	0.15
7439-97-6	Mercury	0.002	U		CV		0.0004	0.002
7782-49-2	Selenium	0.0518	J		P		0.041	0.2
7440-22-4	Silver	0.1	U		P		0.0052	0.1

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

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050411 1532

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU3S-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166305

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 0 Station ID: I1J, 2I3, HFSB-

TCLP Analysis

CONCENTRATION UNITS: MG/L

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
7440-38-2	Arsenic	0.1	U		P		0.0331	0.1
7440-39-3	Barium	0.192			P		0.0022	0.1
7440-43-9	Cadmium	0.0257	J		P		0.0072	0.05
7440-47-3	Chromium	0.028	J		P		0.0043	0.1
7439-92-1	Lead	4.35			P		0.037	0.15
7439-97-6	Mercury	0.002	U		CV		0.0004	0.002
7782-49-2	Selenium	0.0967	J		P		0.041	0.2
7440-22-4	Silver	0.1	U		P		0.0052	0.1

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

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050111 1532

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU3N-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166306

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 0 Station ID: HFSB02, I4SE, I

CONCENTRATION UNITS: MG/L

TCLP Analysis

CAS NO.	ANALYTE	Concentration	C	O	M		MDL	RL
7440-38-2	Arsenic	0.1	U		P		0.0331	0.1
7440-39-3	Barium	0.167			P		0.0022	0.1
7440-43-9	Cadmium	0.0221	J		P		0.0072	0.05
7440-47-3	Chromium	0.0302	J		P		0.0043	0.1
7439-92-1	Lead	0.165			P		0.037	0.15
7439-97-6	Mercury	0.002	U		CV		0.0004	0.002
7782-49-2	Selenium	0.0838	J		P		0.041	0.2
7440-22-4	Silver	0.1	U		P		0.0052	0.1

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

050111 1532

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU1S-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166301

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 89.7 Station ID: B1,D2W,HFSB-07

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
18496-25-8	Sulfide	118	U		T		4.72	118

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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950-11 1533

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU1N-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code: PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166302

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 92.2 Station ID: C4, D4, D4N

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
18496-25-8	Sulfide	92.8	U		T		3.71	92.8

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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050111 1533

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU2S-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166303

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 91.9 Station ID: E1, E2E, F3

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
18496-25-8	Sulfide	114	U		T		4.54	114

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

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U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU2N-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166304

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 92.9 Station ID: 3E4, E5S, G4

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
18496-25-8	Sulfide	90.5	U		T		3.62	90.5

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

C-2

Comments:

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U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU3S-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166305

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 92.8 Station ID: I1J, 2I3, HFSB-

CONCENTRATION UNITS: *MG/KG*

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
18496-25-8	Sulfide	69.3	U		T		2.77	69.3

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU3N-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166306

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 90.8 Station ID: HFSB02, I4SE, I

CONCENTRATION UNITS: MG/KG

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
18496-25-8	Sulfide	83.4	U		T		3.34	83.4

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

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050411 1533

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU1S-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code: PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166301

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 0 Station ID: B1,D2W,HFSB-07

CONCENTRATION UNITS: PH

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
1-00-6	pH	7.96			N/A		0	0

Color Before: _____ Clarity Before: _____ Texture _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU1N-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166302

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 0 Station ID: C4, D4, D4N

CONCENTRATION UNITS: PH

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
1-00-6	pH	7.78			N/A		0	0

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

0.1

060111 1535

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU2S-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166303

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 0 Station ID: E1, E2E, F3

CONCENTRATION UNITS: PH

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
1-00-6	pH	8			N/A		0	0

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU2N-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166304

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 0 Station ID: 3E4, E5S, G4

CONCENTRATION UNITS: PH

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
1-00-6	pH	8.11			N/A		0	0

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU3S-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166305

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 0 Station ID: I1J, 2I3, HFSB-

CONCENTRATION UNITS: PH

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
1-00-6	pH	8.37			N/A		0	0

Color Before: _____ Clarity Before: _____ Texture :_____

Color After : _____ Clarity After: _____ Artifacts:_____

Comments:

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U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU3N-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: 350166306

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 0 Station ID: HFSB02, I4SE, I

CONCENTRATION UNITS: *PH*

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
1-00-6	pH	8.8			N/A		0	0

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU1S-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: J2656-01

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 100 Station ID: B1,D2W,HFSB-07

CONCENTRATION UNITS: F

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
IGN	Ignitability	140	U		N/A		140	140

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU1N-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code: PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: J2656-02

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 100 Station ID: C4, D4, D4N

CONCENTRATION UNITS: F

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
IGN	Ignitability	140	U		N/A		140	140

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU2S-121610

Lab Name: PEL, Spectrum Analytical, Inc Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: J2656-03

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 100 Station ID: E1, E2E, F3

CONCENTRATION UNITS: *F*

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
IGN	Ignitability	140	U		N/A		140	140

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No

HFSB-WC-EU2N-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.. SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: J2656-04

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 100 Station ID: 3E4, E5S, G4

CONCENTRATION UNITS: *F*

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
IGN	Ignitability	140	U		N/A		140	140

Color Before: _____ Clarity Before. _ Texture :_____

Color After _____ Clarity After: _____ Artifacts:_____

Comments:

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U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU3S-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: J2656-05

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 100 Station ID: I1J, 2I3, HFSB-

CONCENTRATION UNITS: *F*

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
IGN	Ignitability	140	U		N/A		140	140

Color Before: _____ Clarity Before: _____ Texture : _____

Color After : _____ Clarity After: _____ Artifacts: _____

Comments:

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U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA Sample No.

HFSB-WC-EU3N-121610

Lab Name: PEL, Spectrum Analytical, Inc. Contract: JM-22 Parcel K/395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3501663

Matrix: SOIL Lab Sample ID: J2656-06

Level:(low/med) LOW Date Received: 12/17/2010

PercentSolids: 100 Station ID: HFSB02, I4SE, I

CONCENTRATION UNITS: F

CAS NO.	ANALYTE	Concentration	C	Q	M		MDL	RL
IGN	Ignitability	140	U		N/A		140	140

Color Before: _____ Clarity Before: _____ Texture _____

Color After . ___ _____ Clarity After: _____ Artifacts: _____

Comments:

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050711 1533

AGVIQ CH2M HILL

1000 Abernathy Road, Suite 1600
Atlanta, GA 30328
Tel No. (770) 604-9182
Fax No. (770) 604-9183

CHAIN-OF-CUSTODY RECORD 3501663 RDS

[1] COC NUMBER: 341162-121610-12

[2] PROJECT NAME	[3] PROJECT NUMBER	[4] LAB NAME AND CONTACT		[11] FAX AND MAIL REPORTS/EDD TO: RECIPIENT 1 (Name and Company)	[14] RECIPIENT 1 (Address, Tel No., and Fax No.)
Parcel K	395479	PEL Labs Darcy Weisman		Kama White kwhite2@ch2m.com	Northpark 400, 1000 Abernathy Road Suite 1600, Atlanta, GA 30328 tel. 770.604.9182, fax. 770.604.9282
[5] PROJECT PHASE/SITE/TASK	[6] CTO OR DO NUMBER:	[7] LAB PO NUMBER		[12] FAX AND MAIL REPORTS/EDD TO: RECIPIENT 2 (Name and Company)	[15] RECIPIENT 2 (Address, Tel No., and Fax No.):
Additional Soil Sampling	JM-22	813118			
[8] PROJECT CONTACT	[9] PROJECT TEL NO AND FAX NO	[10] LAB TEL NO AND FAX NO		[13] FAX AND MAIL REPORTS/EDD TO: RECIPIENT 3 (Name and Company)	[16] RECIPIENT 3 (Address, Tel No., and Fax No.):
Amy Twitty	850-232-0320	813-888-9507 ext. 3 phone			

[34] ANALYSES REQUIRED (Include Method Numbers)

[17] ITEM	[18] SAMPLE IDENTIFIER	[19] SAMPLE DESCRIPTION/LOCATION	[20] MATRIX (see codes on SOP)	[21] DATE COLLECTED	[22] TIME COLLECTED	[23] DATA PKG LEVEL (see codes on SOP)	[24] TAT (calendar days)	Bottle Type / Number of Bottles	TCLP VOCs	TCLP Herbicides	PCBs	TCLP RCRA Metals	Ignitability	Corrosivity	Reactivity				[26] SAMPLE TYPE (see codes on SOP)	[27] COMMENTS/ SCREENING READINGS	[28] LAB ID (for lab's use)
1	HFSB-WC-EU1S-121610	B1,D2W, HFSB-07	S	12/16/10	14:20		14	3	X	X	X	X	X	X	X					Analyze	-01
2	HFSB-WC-EU1N-121610	C4, D4, D4N	S	12/16/10	14:10		14	3	X	X	X	X	X	X	X					Analyze	-02
3	HFSB-WC-EU2S-121610	E1, E2E, F3	S	12/16/10	14:15		14	3	X	X	X	X	X	X	X					Analyze	-03
4	HFSB-WC-EU2N-121610	3E4, E5S, G4	S	12/16/10	10:00		14	3	X	X	X	X	X	X	X					Analyze	-04
5	HFSB-WC-EU3S-121610	I1J, 2I3, HFSB-03	S	12/16/10	9:40		14	3	X	X	X	X	X	X	X					Analyze	-05
6	HFSB-WC-EU3N-121610	HFSB02, I4SE, I4NE	S	12/16/10	9:50		14	3	X	X	X	X	X	X	X					Analyze	-06
7																					
8																					
9																					
10																					

[29] SAMPLER(S) AND COMPANY (please print)	[32] COURIER AND SHIPPING NUMBER:	[33] SAMPLES TEMPERATURE AND CONDITION UPON RECEIPT (for lab's use)
Nikki Monroe/CH2M HILL	FedEx Number:	1.5°C, 3.6°C, 4.5°C, 3.5°C, 5.2°C

[32] RELINQUISHED BY	DATE	TIME	[33] RECEIVED BY	DATE	TIME
Printed Name and Signature: Nikki Monroe	12/16/10	17:30	Printed Name and Signature:	12/17/10	9150
Printed Name and Signature:			Printed Name and Signature:		
Printed Name and Signature:			Printed Name and Signature:		

Distribution: [ ] Original - Laboratory (To be returned with Analytical Report); [ ] Copy 1 - Project File; [ ] Copy 2 - PMO

Form CCRRL Rev 08/00

3501663

Soil WasteCharacterization TCLP Data Summary

Location			EU1N	EU1S	EU2N	EU2S	EU3N	EU3S
Sample ID			HFSB-WC-EU1N-121610	HFSB-WC-EU1S-121610	HFSB-WC-EU2N-121610	HFSB-WC-EU2S-121610	HFSB-WC-EU3N-121610	HFSB-WC-EU3S-121610
Sample Depth (ft)			0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0
Sample Date			12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010	12/16/2010
Analyte	**Units**	**TCLP SL**						
SM4500SF (MG/KG)								
Sulfide	MG/KG	--	92.8 U	118 U	90.5 U	114 U	83.4 U	69.3 U
SW1010 (F)								
Ignitability	F	--	140 U	140 U	140 U	140 U	140 U	140 U
SW6010B (MG/L)								
Arsenic	MG/L	5	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Barium	MG/L	100	**0.254**	**0.243**	**0.174**	**0.383**	**0.167**	**0.192**
Cadmium	MG/L	1	**0.0244 J**	**0.0249 J**	**0.0187 J**	**0.0299 J**	**0.0221 J**	**0.0257 J**
Chromium	MG/L	5	**0.027 J**	**0.0279 J**	**0.0277 J**	**0.0388 J**	**0.0302 J**	**0.028 J**
Lead	MG/L	5	**0.0993 J**	**0.144 J**	**0.0792 J**	**0.357**	**0.165**	**4.35**
Selenium	MG/L	1	**0.0645 J**	**0.0626 J**	**0.0518 J**	**0.0457 J**	**0.0838 J**	**0.0967 J**
Silver	MG/L	5	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
SW7470A (MG/L)								
Mercury	MG/L	0.2	0.002 U	0.002 U	0.002 U	**0.000428 J**	0.002 U	0.002 U
SW8082 (MG/KG)								
Aroclor-1016	MG/KG	--	0.034 U	3.4 U	0.033 U	0.033 U	0.033 U	0.033 U
Aroclor-1221	MG/KG	--	0.031 U	3.2 U	0.031 U	0.03 U	0.03 U	0.03 U
Aroclor-1232	MG/KG	--	0.052 U	5.3 U	0.051 U	0.051 U	0.051 U	0.05 U
Aroclor-1242	MG/KG	--	0.029 U	2.9 U	0.028 U	0.028 U	0.028 U	0.028 U
Aroclor-1248	MG/KG	--	0.029 U	2.9 U	0.028 U	0.028 U	0.028 U	0.028 U
Aroclor-1254	MG/KG	--	0.026 U	2.6 U	0.026 U	0.025 U	0.025 U	0.025 U
Aroclor-1260	MG/KG	--	**9.7**	**6200**	**1.8**	**45**	**0.15**	**1.4**
SW8151A (MG/L)								
2,4,5-TP (Silvex)	MG/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.0011 U	0.001 U
2,4'-D	MG/L	10	0.001 U	0.001 U	0.001 U	0.001 U	0.0011 U	0.001 U
SW8260B (MG/L)								
1,1-Dichloroethene	MG/L	0.7	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U
1,2-Dichloroethane	MG/L	0.5	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U	0.0132 U
2-Butanone	MG/L	200	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Benzene	MG/L	0.5	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	MG/L	0.5	0.0153 U	0.0153 U	0.0153 U	0.0153 U	0.0153 U	0.0153 U
Chlorobenzene	MG/L	100	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Chloroform	MG/L	6	0.0141 U	0.0141 U	0.0141 U	0.0141 U	0.0141 U	0.0141 U
Tetrachloroethylene	MG/L	0.7	**0.0037 J**	0.0171 U	0.0171 U	0.0171 U	0.0171 U	0.0171 U
Trichloroethene	MG/L	0.5	0.0126 U	0.0126 U	0.0126 U	0.0126 U	0.0126 U	0.0126 U
Vinyl chloride	MG/L	0.2	0.0138 U	0.0138 U	0.0138 U	0.0138 U	0.0138 U	0.0138 U
SW9012 (MG/KG)								
Cyanide	MG/KG	--	120 U	**0.502 J**	**0.416 J**	**0.571 J**	**0.73 J**	129 U
SW9045 (PH)								
pH	PH	--	**7.78**	**7.96**	**8.11**	**8**	**8.8**	**8.37**

Notes:
NA Not analyzed
J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
mg/kg Milligrams per Kilogram
mg/l Milligrams per Liter
Bold indicates the analyte was detected
Shading indicates the analyte exceded scr
TCLP SL - EPA TCLP Screening Limit

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

HFSB-IDW-TB-091013

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 213091233

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL

Lab Sample ID: 21309123301

Level: (low/med)

Lab File ID: 2130918p/k0665

% Moisture: not dec.

Date Collected: 09/10/13 Time: 0000

GC Column RTX-VMS-30 ID: .25 (mm)

Date Received: 09/12/13

Instrument ID: MSV12

Date Analyzed: 09/18/13 Time: 2007

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: CLH

Soil Aliquot Volume: (µL)

Prep Batch: Analytical Batch: 516030

Analytical Method: SW-846 8260B

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	LOD	LOQ
71-55-6	1,1,1-Trichloroethane	0.200	U	0.123	0.200	1.00
79-34-5	1,1,2,2-Tetrachloroethane	0.200	U	0.109	0.200	1.00
79-00-5	1,1,2-Trichloroethane	0.200	U	0.159	0.200	1.00
75-34-3	1,1-Dichloroethane	0.200	U	0.171	0.200	1.00
75-35-4	1,1-Dichloroethene	0.500	U	0.200	0.500	1.00
87-61-6	1,2,3-Trichlorobenzene	0.200	U	0.079	0.200	1.00
120-82-1	1,2,4-Trichlorobenzene	0.200	U	0.105	0.200	1.00
96-12-8	1,2-Dibromo-3-chloropropane	0.200	U	0.194	0.200	1.00
106-93-4	1,2-Dibromoethane	0.200	U	0.102	0.200	1.00
95-50-1	1,2-Dichlorobenzene	0.200	U	0.135	0.200	1.00
107-06-2	1,2-Dichloroethane	0.200	U	0.116	0.200	1.00
78-87-5	1,2-Dichloropropane	0.200	U	0.150	0.200	1.00
541-73-1	1,3-Dichlorobenzene	0.200	U	0.138	0.200	1.00
106-46-7	1,4-Dichlorobenzene	0.200	U	0.083	0.200	1.00
78-93-3	2-Butanone	0.500	U	0.142	0.500	5.00
591-78-6	2-Hexanone	1.00	U	0.122	1.00	5.00
108-10-1	4-Methyl-2-pentanone	0.500	U	0.120	0.500	5.00
67-64-1	Acetone	1.06	J	0.193	1.00	5.00
71-43-2	Benzene	0.200	U	0.111	0.200	1.00
74-97-5	Bromochloromethane	0.500	U	0.127	0.500	1.00
75-27-4	Bromodichloromethane	0.200	U	0.083	0.200	1.00
75-25-2	Bromoform	0.500	U	0.215	0.500	1.00
74-83-9	Bromomethane	0.500	U	0.427	0.500	1.00
75-15-0	Carbon disulfide	0.500	U	0.190	0.500	1.00
56-23-5	Carbon tetrachloride	0.500	U	0.248	0.500	1.00
108-90-7	Chlorobenzene	0.200	U	0.083	0.200	1.00
75-00-3	Chloroethane	0.500	U	0.235	0.500	1.00
67-66-3	Chloroform	0.200	U	0.155	0.200	1.00
74-87-3	Chloromethane	0.200	U	0.144	0.200	1.00
110-82-7	Cyclohexane	0.500	U	0.337	0.500	1.00
124-48-1	Dibromochloromethane	0.200	U	0.054	0.200	1.00

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

HFSB-IDW-TB-091013

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 213091233

Matrix (soil/water) Water

Sample wt/vol: 5 (g/ml) mL

Lab Sample ID: 21309123301

Level: (low/med)

Lab File ID: 2130918p/k0665

% Moisture: not dec.

Date Collected: 09/10/13 Time: 0000

GC Column: RTX-VMS-30 ID: .25 (mm)

Date Received: 09/12/13

Instrument ID: MSV12

Date Analyzed 09/18/13 Time: 2007

Soil Extract Volume. (µL)

Dilution Factor: 1 Analyst: CLH

Soil Aliquot Volume: (µL)

Prep Batch. Analytical Batch 516030

Analytical Method: SW-846 8260B

CONCENTRATION UNITS: *ug/L*

CAS NO.	COMPOUND	RESULT	Q	MDL	LOD	LOQ
75-71-8	Dichlorodifluoromethane	0.200	U	0.145	0.200	1.00
100-41-4	Ethylbenzene	0.200	U	0.109	0.200	1.00
98-82-8	Isopropylbenzene (Cumene)	0.200	U	0.130	0.200	1.00
79-20-9	Methyl Acetate	2.00	U	0.159	2.00	5.00
108-87-2	Methylcyclohexane	0.200	U	0.143	0.200	1.00
75-09-2	Methylene chloride	1.42	J	0.149	0.500	5.00
100-42-5	Styrene	0.200	U	0.089	0.200	1.00
127-18-4	Tetrachloroethene	0.500	U	0.193	0.500	1.00
108-88-3	Toluene	0.200	U	0.122	0.200	1.00
79-01-6	Trichloroethene	0.200	U	0.161	0.200	1.00
75-69-4	Trichlorofluoromethane	0.200	U	0.157	0.200	1.00
76-13-1	Trichlorotrifluoroethane	0.500	U	0.158	0.500	1.00
75-01-4	Vinyl chloride	0.200	U	0.127	0.200	1.00
1330-20-7	Xylene (total)	0.600	U	0.179	0.600	3.00
156-59-2	cis-1,2-Dichloroethene	0.200	U	0.103	0.200	1.00
10061-01-5	cis-1,3-Dichloropropene	0.200	U	0.124	0.200	1.00
1634-04-4	tert-Butyl methyl ether (MTBE)	0.200	U	0.078	0.200	1.00
156-60-5	trans-1,2-Dichloroethene	0.200	U	0.077	0.200	1.00
10061-02-6	trans-1,3-Dichloropropene	0.200	U	0.128	0.200	1.00

C-۲

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

HFSB-IDW-W-091013

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 213091233

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL

Lab Sample ID: 21309123302

Level: (low/med)

Lab File ID: 2130918p/k0666

% Moisture: not dec.

Date Collected: 09/10/13 Time: 1700

GC Column: RTX-VMS-30 ID: .25 (mm)

Date Received 09/12/13

Instrument ID: MSV12

Date Analyzed: 09/18/13 Time: 2028

Soil Extract Volume: (µL)

Dilution Factor: 1 Analyst: AMD

Soil Aliquot Volume: (µL)

Prep Batch. Analytical Batch: 516030

Analytical Method: SW-846 8260B

CONCENTRATION UNITS: *ug/L*

CAS NO.	COMPOUND	RESULT	Q	MDL	LOD	LOQ
71-55-6	1,1,1-Trichloroethane	0.200	U	0.123	0.200	1.00
79-34-5	1,1,2,2-Tetrachloroethane	0.200	U	0.109	0.200	1.00
79-00-5	1,1,2-Trichloroethane	0.200	U	0.159	0.200	1.00
75-34-3	1,1-Dichloroethane	0.200	U	0.171	0.200	1.00
75-35-4	1,1-Dichloroethene	0.500	U	0.200	0.500	1.00
87-61-6	1,2,3-Trichlorobenzene	0.200	U	0.079	0.200	1.00
120-82-1	1,2,4-Trichlorobenzene	0.200	U	0.105	0.200	1.00
96-12-8	1,2-Dibromo-3-chloropropane	0.200	U	0.194	0.200	1.00
106-93-4	1,2-Dibromoethane	0.200	U	0.102	0.200	1.00
95-50-1	1,2-Dichlorobenzene	0.200	U	0.135	0.200	1.00
107-06-2	1,2-Dichloroethane	0.200	U	0.116	0.200	1.00
78-87-5	1,2-Dichloropropane	0.200	U	0.150	0.200	1.00
541-73-1	1,3-Dichlorobenzene	0.200	U	0.138	0.200	1.00
106-46-7	1,4-Dichlorobenzene	0.200	U	0.083	0.200	1.00
78-93-3	2-Butanone	0.500	U	0.142	0.500	5.00
591-78-6	2-Hexanone	1.00	U	0.122	1.00	5.00
108-10-1	4-Methyl-2-pentanone	0.500	U	0.120	0.500	5.00
67-64-1	Acetone	4.52	J	0.193	1.00	5.00
71-43-2	Benzene	0.200	U	0.111	0.200	1.00
74-97-5	Bromochloromethane	0.500	U	0.127	0.500	1.00
75-27-4	Bromodichloromethane	0.200	U	0.083	0.200	1.00
75-25-2	Bromoform	0.500	U	0.215	0.500	1.00
74-83-9	Bromomethane	0.500	U	0.427	0.500	1.00
75-15-0	Carbon disulfide	0.500	U	0.190	0.500	1.00
56-23-5	Carbon tetrachloride	0.500	U	0.248	0.500	1.00
108-90-7	Chlorobenzene	0.200	U	0.083	0.200	1.00
75-00-3	Chloroethane	0.500	U	0.235	0.500	1.00
67-66-3	Chloroform	0.200	U	0.155	0.200	1.00
74-87-3	Chloromethane	0.200	U	0.144	0.200	1.00
110-82-7	Cyclohexane	0.500	U	0.337	0.500	1.00
124-48-1	Dibromochloromethane	0.200	U	0.054	0.200	1.00

LI-BL

C-1

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

HFSB-IDW-W-091013

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 213091233

Matrix: (soil/water) Water

Sample wt/vol: 5 (g/ml) mL Lab Sample ID: 21309123302

Level: (low/med) Lab File ID: 2130918p/k0666

% Moisture: not dec. Date Collected: 09/10/13 Time: 1700

GC Column: RTX-VMS-30 ID: .25 (mm) Date Received: 09/12/13

Instrument ID: MSV12 Date Analyzed: 09/18/13 Time: 2028

Soil Extract Volume: (µL) Dilution Factor: 1 Analyst: AMD

Soil Aliquot Volume: (µL) Prep Batch: Analytical Batch: 516030

Analytical Method: SW-846 8260B

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	RESULT	Q	MDL	LOD	LOQ
75-71-8	Dichlorodifluoromethane	0.200	U	0.145	0.200	1.00
100-41-4	Ethylbenzene	0.200	U	0.109	0.200	1.00
98-82-8	Isopropylbenzene (Cumene)	0.200	U	0.130	0.200	1.00
79-20-9	Methyl Acetate	2.00	U	0.159	2.00	5.00
108-87-2	Methylcyclohexane	0.200	U	0.143	0.200	1.00
75-09-2	Methylene chloride	0.500	U	0.149	0.500	5.00
100-42-5	Styrene	0.200	U	0.089	0.200	1.00
127-18-4	Tetrachloroethene	0.500	U	0.193	0.500	1.00
108-88-3	Toluene	0.200	U	0.122	0.200	1.00
79-01-6	Trichloroethene	0.200	U	0.161	0.200	1.00
75-69-4	Trichlorofluoromethane	0.200	U	0.157	0.200	1.00
76-13-1	Trichlorotrifluoroethane	0.500	U	0.158	0.500	1.00
75-01-4	Vinyl chloride	0.200	U	0.127	0.200	1.00
1330-20-7	Xylene (total)	0.600	U	0.179	0.600	3.00
156-59-2	cis-1,2-Dichloroethene	0.200	U	0.103	0.200	1.00
10061-01-5	cis-1,3-Dichloropropene	0.200	U	0.124	0.200	1.00
1634-04-4	tert-Butyl methyl ether (MTBE)	0.200	U	0.078	0.200	1.00
156-60-5	trans-1,2-Dichloroethene	0.200	U	0.077	0.200	1.00
10061-02-6	trans-1,3-Dichloropropene	0.200	U	0.128	0.200	1.00

213091233

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

HFSB-IDW-S-091013

Lab Name: GCAL Contract:

Lab Code: LA024 Case No.: SAS No.: SDG No.: 213091233

Matrix: (soil/water) Solid

Sample wt/vol: 5 (g/ml) mL

Level: (low/med) LOW

% Moisture: not dec

GC Column: RTX-VMS-30 ID: .25 (mm

Instrument ID: MSV12

Soil Extract Volume: (µL

Soil Aliquot Volume: (µL

Lab Sample ID: 21309123304

Lab File ID: 2130915/k0538

Date Collected: 09/10/13 Time: 1710

Date Received: 09/12/13

Date Analyzed: 09/15/13 Time: 1334

Dilution Factor: 40 Analyst: LBH

Prep Batch: Analytical Batch: 515774

Analytical Method: 1311/8260B

CONCENTRATION UNITS: mg/L

CAS NO.	COMPOUND	RESULT	Q	MDL	LOD	LOQ
75-35-4	1,1-Dichloroethene	0.020	U	0.00800	0.020	0.040
107-06-2	1,2-Dichloroethane	0.00800	U	0.00464	0.00800	0.040
78-93-3	2-Butanone	0.020	U	0.00568	0.020	1.00
71-43-2	Benzene	0.00800	U	0.00444	0.00800	0.040
56-23-5	Carbon tetrachloride	0.020	U	0.00992	0.020	0.040
108-90-7	Chlorobenzene	0.00800	U	0.00331	0.00800	0.040
67-66-3	Chloroform	0.00800	U	0.00620	0.00800	0.040
127-18-4	Tetrachloroethene	0.020	U	0.00770	0.020	0.040
79-01-6	Trichloroethene	0.00800	U	0.00646	0.00800	0.040
75-01-4	Vinyl chloride	0.00800	U	0.00509	0.00800	0.040

C-4

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code LA024 Case No.

SAS No.: SDG No.: 213091233

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS ug/L

Sample ID: HFSB-IDW-W-091013

Contract:

Lab File ID: 2130913/h4757d

Lab Sample ID: 21309123302

Date Collected: 09/10/13 Time: 1700

Date Received: 09/12/13

Date Extracted: 09/12/13

Date Analyzed: 09/13/13 Time: 1145

Dilution Factor: 1 Analyst: DLB

Prep Method: 3510C

Analytical Method: SW-846 8270D

Instrument ID: MSSV4

Prep Batch: 515645 Analytical Batch: 516783

CAS NO.	COMPOUND	RESULT	Q	MDL	LOD	LOQ
95-94-3	1,2,4,5-Tetrachlorobenzene	0.505	U	0.411	0.505	50.5
90-12-0	1-Methylnaphthalene	1.21	U	0.692	1.21	10.1
95-95-4	2,4,5-Trichlorophenol	0.505	U	0.272	0.505	10.1
88-06-2	2,4,6-Trichlorophenol	0.505	U	0.327	0.505	10.1
120-83-2	2,4-Dichlorophenol	0.505	U	0.387	0.505	10.1
105-67-9	2,4-Dimethylphenol	1.21	U	0.378	1.21	10.1
51-28-5	2,4-Dinitrophenol	5.05	U	1.37	5.05	50.5
121-14-2	2,4-Dinitrotoluene	0.505	U	0.286	0.505	10.1
606-20-2	2,6-Dinitrotoluene	0.505	U	0.248	0.505	10.1
91-58-7	2-Chloronaphthalene	0.505	U	0.395	0.505	10.1
95-57-8	2-Chlorophenol	0.505	U	0.312	0.505	10.1
91-57-6	2-Methylnaphthalene	0.505	U	0.474	0.505	10.1
88-74-4	2-Nitroaniline	0.505	U	0.156	0.505	10.1
88-75-5	2-Nitrophenol	0.505	U	0.462	0.505	10.1
91-94-1	3,3'-Dichlorobenzidine	0.505	U	0.123	0.505	10.1
99-09-2	3-Nitroaniline	0.505	U	0.307	0.505	50.5
534-52-1	2-Methyl-4,6-dinitrophenol	5.05	U	1.08	5.05	50.5
101-55-3	4-Bromophenyl-phenylether	0.505	U	0.456	0.505	10.1
59-50-7	4-Chloro-3-methylphenol	0.505	U	0.335	0.505	10.1
106-47-8	4-Chloroaniline	0.505	U	0.294	0.505	10.1
7005-72-3	4-Chlorophenyl-phenylether	0.505	U	0.402	0.505	10.1
100-01-6	4-Nitroaniline	5.05	U	0.331	5.05	50.5
100-02-7	4-Nitrophenol	5.05	U	1.18	5.05	50.5
83-32-9	Acenaphthene	0.505	U	0.369	0.505	10.1
208-96-8	Acenaphthylene	0.505	U	0.373	0.505	10.1
120-12-7	Anthracene	0.505	U	0.217	0.505	10.1
1912-24-9	Atrazine (Aatrex)	10.1	U	0.335	10.1	50.5
100-52-7	Benzaldehyde	10.1	U	1.09	10.1	50.5
56-55-3	Benzo(a)anthracene	0.505	U	0.248	0.505	10.1

C-1

213091233 80

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL | Sample ID: HFSB-IDW-W-091013

Lab Code: LA024 | Case No.: | Contract:

SAS No.: | SDG No.: 213091233 | Lab File ID: 2130913/h4757d

Matrix: Water | Lab Sample ID: 21309123302

Sample wt/vol: 990 | Units: mL | Date Collected: 09/10/13 | Time: 1700

Level: (low/med) LOW | Date Received: 09/12/13

% Moisture: | decanted: (Y/N) | Date Extracted: 09/12/13

GC Column: RTX-5MS-30 | ID: 25 (mm) | Date Analyzed: 09/13/13 | Time: 1145

Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 | Analyst: DLB

Injection Volume: 1.0 (µL) | Prep Method: 3510C

GPC Cleanup: (Y/N) N | pH: | Analytical Method: SW-846 8270D

Instrument ID: MSSV4

CONCENTRATION UNITS: ug/L | Prep Batch: 515645 | Analytical Batch: 516783

CAS NO.	COMPOUND	RESULT	Q	MDL	LOD	LOQ	
50-32-8	Benzo(a)pyrene	0.505	U	0.172	0.505	10.1	
205-99-2	Benzo(b)fluoranthene	0.505	U	0.187	0.505	10.1	
191-24-2	Benzo(g,h,i)perylene	0.505	U	0.200	0.505	10.1	
207-08-9	Benzo(k)fluoranthene	0.505	U	0.278	0.505	10.1	
111-91-1	Bis(2-Chloroethoxy)methane	0.505	U	0.409	0.505	10.1	
111-44-4	Bis(2-Chloroethyl)ether	0.505	U	0.426	0.505	10.1	
108-60-1	bis(2-Chloroisopropyl)ether	0.505	U	0.410	0.505	10.1	
117-81-7	bis(2-ethylhexyl)phthalate	0.505	U	0.188	0.505	10.1	
85-68-7	Butylbenzylphthalate	5.05	U	0.215	5.05	10.1	
105-60-2	Caprolactam	10.1	U	1.05	10.1	10.1	
86-74-8	Carbazole	0.505	U	0.267	0.505	10.1	
218-01-9	Chrysene	0.505	U	0.130	0.505	10.1	
84-74-2	Di-n-butylphthalate	0.505	U	0.265	0.505	10.1	
117-84-0	Di-n-octylphthalate	0.505	U	0.124	0.505	10.1	
53-70-3	Dibenz(a,h)anthracene	0.505	U	0.216	0.505	10.1	
132-64-9	Dibenzofuran	0.505	U	0.375	0.505	10.1	
84-66-2	Diethylphthalate	0.505	U	0.265	0.505	10.1	
131-11-3	Dimethyl-phthalate	0.505	U	0.339	0.505	10.1	
206-44-0	Fluoranthene	0.505	U	0.237	0.505	10.1	
86-73-7	Fluorene	0.505	U	0.362	0.505	10.1	
118-74-1	Hexachlorobenzene	1.21	U	0.504	1.21	10.1	
87-68-3	Hexachlorobutadiene	1.21	U	0.495	1.21	10.1	
77-47-4	Hexachlorocyclopentadiene	5.05	U	1.45	5.05	10.1	
67-72-1	Hexachloroethane	1.21	U	0.481	1.21	10.1	
193-39-5	Indeno(1,2,3-cd)pyrene	0.505	U	0.161	0.505	10.1	
120-58-1	Isosafrole	1.33	U	1.33	1.33	50.5	R-RE
91-20-3	Naphthalene	0.505	U	0.471	0.505	10.1	
98-95-3	Nitrobenzene	0.505	U	0.385	0.505	10.1	
87-86-5	Pentachlorophenol	0.505	U	0.291	0.505	50.5	

CA

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 213091233

Matrix: Water

Sample wt/vol: 990 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: ug/L

Sample ID: HFSB-IDW-W-091013

Contract:

Lab File ID: 2130913/h4757d

Lab Sample ID: 21309123302

Date Collected: 09/10/13 Time: 1700

Date Received: 09/12/13

Date Extracted: 09/12/13

Date Analyzed: 09/13/13 Time: 1145

Dilution Factor: 1 Analyst: DLB

Prep Method: 3510C

Analytical Method: SW-846 8270D

Instrument ID: MSSV4

Prep Batch: 515645 Analytical Batch: 516783

CAS NO.	COMPOUND	RESULT	Q	MDL	LOD	LOQ
85-01-8	Phenanthrene	0.505	U	0.191	0.505	10.1
108-95-2	Phenol	0.505	U	0.193	0.505	10.1
129-00-0	Pyrene	0.505	U	0.410	0.505	10.1
1319-77-3M	m,p-Cresol	0.505	U	0.179	0.505	10.1
621-64-7	N-Nitroso-di-n-propylamine	0.505	U	0.421	0.505	10.1
86-30-6	N-Nitrosodiphenylamine	0.505	U	0.338	0.505	10.1
95-48-7	o-Cresol	0.505	U	0.256	0.505	10.1

CA

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL

Lab Code: LA024 Case No.:

SAS No.: SDG No.: 213091233

Matrix: Water

Sample wt/vol: 1000 Units: mL

Level: (low/med) LOW

% Moisture: decanted: (Y/N)

GC Column: RTX-5MS-30 ID: .25 (mm)

Concentrated Extract Volume: 1000 (µL)

Injection Volume: 1.0 (µL)

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: *ug/L*

Sample ID: HFSB-IDW-W-091013

Contract:

Lab File ID: 2131007/h5210

Lab Sample ID: 21309123305

Date Collected: 09/10/13 Time: 1700

Date Received: 09/12/13

Date Extracted: 10/03/13

Date Analyzed: 10/07/13 Time: 1114

Dilution Factor: 1 Analyst: DLB

Prep Method: 3510C

Analytical Method: SW-846 8270D

Instrument ID: MSSV4

Prep Batch: 516994 Analytical Batch: 517221

CAS NO.	COMPOUND	RESULT	Q	MDL	LOD	LOQ	
120-58-1	Isosafrole	1.32	U	1.32	1.32	50.0	U5-HJ

FORM I SV-1

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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL | Sample ID: HFSB-IDW-S-091013

Lab Code: LA024 | Case No.: | Contract:

SAS No.: | SDG No.: 213091233 | Lab File ID: 2130917/d6644

Matrix: Solid | Lab Sample ID: 21309123304

Sample wt/vol: 200 | Units: mL | Date Collected: 09/10/13 | Time: 1710

Level: (low/med) LOW | Date Received: 09/12/13

% Moisture: | decanted: (Y/N) | Date Extracted: 09/16/13

GC Column: RTX-5MS-30 | ID: .25 (mm) | Date Analyzed: 09/17/13 | Time: 1347

Concentrated Extract Volume: 1000 (µL) | Dilution Factor: 1 | Analyst: KCB

Injection Volume: 1.0 (µL) | Prep Method: 1311/3510

GPC Cleanup: (Y/N) N | pH: | Analytical Method: 1311/8270D

Instrument ID: MSSV6

CONCENTRATION UNITS: *mg/L* | Prep Batch: 515756 | Analytical Batch: 515899

CAS NO.	COMPOUND	RESULT	Q	MDL	LOD	LOQ
106-46-7	1,4-Dichlorobenzene	0.00600	U	0.00250	0.00600	0.050
95-95-4	2,4,5-Trichlorophenol	0.00250	U	0.00130	0.00250	0.050
88-06-2	2,4,6-Trichlorophenol	0.00250	U	0.00160	0.00250	0.050
121-14-2	2,4-Dinitrotoluene	0.00250	U	0.00140	0.00250	0.010
1319-77-3	Cresols	0.00500	U	0.00220	0.00500	0.100
118-74-1	Hexachlorobenzene	0.00600	U	0.00250	0.00600	0.010
87-68-3	Hexachlorobutadiene	0.00600	U	0.00250	0.00600	0.050
67-72-1	Hexachloroethane	0.00600	U	0.00240	0.00600	0.050
98-95-3	Nitrobenzene	0.00250	U	0.00190	0.00250	0.050
87-86-5	Pentachlorophenol	0.00250	U	0.00140	0.00250	0.250
110-86-1	Pyridine	0.025	U	0.00530	0.025	0.050
1319-77-3M	m,p-Cresol	0.00250	U	0.000900	0.00250	0.050
95-48-7	o-Cresol	0.00250	U	0.00130	0.00250	0.050

C-2

213091233 83

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL | Sample ID: HFSB-IDW-W-091013

Lab Code: LA024 | Case No.: | Contract:

Matrix: Water | SAS No.: | SDG No.: 213091233

Sample wt/vol: 990 | Units: mL | Lab Sample ID: 21309123302

Level: (low/med) LOW | Date Collected: 09/10/13 | Time: 1700

% Moisture: | decanted: (Y/N) | Date Received: 09/12/13

GC Column: RTX-35MS-3 | ID: .25 (mm) | Date Extracted: 09/13/13

Concentrated Extract Volume: 10000 (µL) | Date Analyzed: 09/19/13 | Time: 1751

Soil Aliquot Volume: (µL) | Dilution Factor: 1 | Analyst: TLS

Injection Volume: 1 (µL) | Prep Method: 3510C

GPC Cleanup: (Y/N) N | pH: | Analytical Method: SW-846 8081B

Prep Batch: 515647 | Analytical Batch: 516162 | Sulfur Cleanup: (Y/N) N | Instrument ID: GCS18A

CONCENTRATION UNITS: *ug/L* | Lab File ID: 2130919/sv18a024

CAS NO.	COMPOUND	RESULT	Q	MDL	LOD	LOQ
72-54-8	4,4'-DDD	0.010	U	0.00505	0.010	0.101
72-55-9	4,4'-DDE	0.010	U	0.00505	0.010	0.101
50-29-3	4,4'-DDT	0.010	U	0.00505	0.010	0.101
309-00-2	Aldrin	0.010	U	0.00505	0.010	0.051
57-74-9	Chlordane	0.051	U	0.025	0.051	0.253
60-57-1	Dieldrin	0.010	U	0.00505	0.010	0.101
959-98-8	Endosulfan I	0.010	U	0.00505	0.010	0.051
33213-65-9	Endosulfan II	0.010	U	0.00505	0.010	0.101
1031-07-8	Endosulfan sulfate	0.010	U	0.00505	0.010	0.101
72-20-8	Endrin	0.010	U	0.00505	0.010	0.101
7421-93-4	Endrin aldehyde	0.010	U	0.00505	0.010	0.101
53494-70-5	Endrin ketone	0.010	U	0.00505	0.010	0.101
76-44-8	Heptachlor	0.010	U	0.00505	0.010	0.051
1024-57-3	Heptachlor epoxide	0.010	U	0.00505	0.010	0.051
72-43-5	Methoxychlor	0.010	U	0.00505	0.010	0.051
8001-35-2	Toxaphene	0.051	U	0.025	0.051	0.253
319-84-6	alpha-BHC	0.010	U	0.00505	0.010	0.025
5103-71-9	alpha-Chlordane	0.010	U	0.00505	0.010	0.051
319-85-7	beta-BHC	0.010	U	0.00505	0.010	0.051
319-86-8	delta-BHC	0.010	U	0.00505	0.010	0.051
58-89-9	gamma-BHC (Lindane)	0.010	U	0.00505	0.010	0.051
5103-74-2	gamma-Chlordane	0.010	U	0.00505	0.010	0.051

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1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL | Sample ID: HFSB-IDW-S-091013

Lab Code: LA024 | Case No.: | Contract:

Matrix: Solid | SAS No.: | SDG No.: 213091233

Sample wt/vol: 100 | Units: mL | Lab Sample ID: 21309123304

Level: (low/med) LOW | Date Collected: 09/10/13 | Time: 1710

% Moisture: | decanted: (Y/N) | Date Received: 09/12/13

GC Column: RTX-35MS-3 | ID: .25 (mm) | Date Extracted: 09/16/13

Concentrated Extract Volume: 10000 (µL) | Date Analyzed: 09/18/13 | Time: 1721

Soil Aliquot Volume: (µL) | Dilution Factor: 1 | Analyst: TLS

Injection Volume: 1 (µL) | Prep Method: SW-846 3510

GPC Cleanup: (Y/N) N | pH: | Analytical Method: 1311/8081B

Prep Batch: 515758 | Analytical Batch: 516058 | Sulfur Cleanup: (Y/N) N | Instrument ID: GCS18A

CONCENTRATION UNITS: *mg/L* | Lab File ID: 213091B/sv18a020

CAS NO.	COMPOUND	RESULT	Q	MDL	LOD	LOQ
57-74-9	Chlordane	0.000500	U	0.000250	0.000500	0.00250
72-20-8	Endrin	0.000100	U	0.000050	0.000100	0.00100
76-44-8	Heptachlor	0.000100	U	0.000050	0.000100	0.000500
1024-57-3	Heptachlor epoxide	0.000100	U	0.000050	0.000100	0.000500
72-43-5	Methoxychlor	0.000100	U	0.000050	0.000100	0.000500
8001-35-2	Toxaphene	0.000500	U	0.000250	0.000500	0.00250
58-89-9	gamma-BHC (Lindane)	0.000100	U	0.000050	0.000100	0.000500

C-2

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL | Sample ID: HFSB-tDW-W-091013

Lab Code: LA024 | Case No.: | Contract:

Matrix: Water | SAS No.: | SDG No.: 213091233

Sample wt/vol: 990 | Units: mL | Lab Sample ID: 21309123302

Level: (low/med) LOW | Date Collected: 09/10/13 | Time: 1700

% Moisture: | decanted: (Y/N) | Date Received: 09/12/13

GC Column: RTX-35MS-3 | ID: .25 (mm) | Date Extracted: 09/13/13

Concentrated Extract Volume: 10000 (µL) | Date Analyzed: 09/19/13 | Time: 1751

Soil Aliquot Volume: (µL) | Dilution Factor: 1 | Analyst: TLS

Injection Volume: 1 (µL) | Prep Method: 3510C

GPC Cleanup: (Y/N) N | pH: | Analytical Method: SW-846 8082A

Prep Batch: 515648 | Analytical Batch: 516164 | Sulfur Cleanup: (Y/N) N | Instrument ID: GCS18A

CONCENTRATION UNITS: *ug/L* | Lab File ID: 2130919sv18a024

CAS NO.	COMPOUND	RESULT	Q	MDL	LOD	LOQ
12674-11-2	Aroclor-1016	0.505	U	0.404	0.505	0.505
11104-28-2	Aroclor-1221	0.505	U	0.404	0.505	0.505
11141-16-5	Aroclor-1232	0.505	U	0.404	0.505	0.505
53469-21-9	Aroclor-1242	0.505	U	0.404	0.505	0.505
12672-29-6	Aroclor-1248	0.505	U	0.404	0.505	0.505
11097-69-1	Aroclor-1254	0.505	U	0.404	0.505	0.505
11096-82-5	Aroclor-1260	0.505	U	0.404	0.505	0.505

CT

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL | Sample ID: HFSB-IDW-S-091013-A

Lab Code: LA024 | Case No.: | Contract:

Matrix: Solid | SAS No.: | SDG No.: 213091233

Sample wt/vol: 30 | Units: g | Lab Sample ID: 21309123303

Level: (low/med) LOW | Date Collected: 09/10/13 | Time: 1710

% Moisture: 18.0 | decanted: (Y/N) | Date Received: 09/12/13

GC Column: RTX-35MS-3 | ID: .25 (mm) | Date Extracted: 09/25/13

Concentrated Extract Volume: 10000 (µL) | Date Analyzed: 09/25/13 | Time: 1658

Soil Aliquot Volume: (µL) | Dilution Factor: 1 | Analyst: SMH

Injection Volume: 1 (µL) | Prep Method: 3550B

GPC Cleanup: (Y/N) N | pH: | Analytical Method: SW-846 8082A

Prep Batch: 516398 | Analytical Batch: 516525 | Sulfur Cleanup: (Y/N) N | Instrument ID: GCS15A

CONCENTRATION UNITS: *ug/kg* | Lab File ID: 2130925/sv15a016

CAS NO.	COMPOUND	RESULT	Q	MDL	LOD	LOQ
12674-11-2	Aroclor-1016	20.4	U	16.2	20.4	40.6
11104-28-2	Aroclor-1221	20.4	U	16.2	20.4	40.6
11141-16-5	Aroclor-1232	20.4	U	16.2	20.4	40.6
53469-21-9	Aroclor-1242	20.4	U	16.2	20.4	40.6
12672-29-6	Aroclor-1248	20.4	U	16.2	20.4	40.6
11097-69-1	Aroclor-1254	20.4	U	16.2	20.4	40.6
11096-82-5	Aroclor-1260	20.4	U	16.2	20.4	40.6

C-2

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL | Sample ID: HFSB-IDW W-091013

Lab Code: LA024 | Case No.: | Contract:

Matrix: Water | SAS No.: | SDG No.: 213091233

Sample wt/vol: 1000 | Units: mL | Lab Sample ID: 21309123302

Level: (low/med) LOW | Date Collected: 09/10/13 | Time: 1700

% Moisture: | decanted: (Y/N) | Date Received: 09/12/13

GC Column: | ID: | (mm) | Date Extracted: 09/13/13

Concentrated Extract Volume: 10000 | (µL) | Date Analyzed: 09/16/13 | Time: 2349

Soil Aliquot Volume: | (µL) | Dilution Factor: 1 | Analyst: TLS

Injection Volume: 1 | (µL) | Prep Method: SW-846 8151A

GPC Cleanup: (Y/N) N | pH: | Analytical Method: SW-846 8151A

Prep Batch: 515541 | Analytical Batch: 515925 | Sulfur Cleanup: (Y/N) N | Instrument ID: GCS17A

CONCENTRATION UNITS: *ug/L* | Lab File ID: 2130916/sv17a027

CAS NO.	COMPOUND	RESULT	Q	MDL	LOD	LOQ
94-75-7	2,4'-D	0.250	U	0.100	0.250	0.500
93-76-5	2,4,5-T	0.250	U	0.100	0.250	0.500
93-72-1	2,4,5-TP (SILVEX)	0.250	U	0.100	0.250	0.500
94-82-6	2,4-DB	0.250	U	0.100	0.250	0.500
75-99-0	Dalapon	0.250	U	0.100	0.250	0.500
1918-00-9	Dicamba	0.250	U	0.100	0.250	0.500
120-36-5	Dichloroprop	0.250	U	0.100	0.250	0.500
88-85-7	Dinoseb	0.250	U	0.100	0.250	0.500
94-74-6	MCPA	25.0	U	10.0	25.0	50.0
93-65-2	MCPP	25.0	U	10.0	25.0	50.0

1D

ORGANICS ANALYSIS DATA SHEET

Lab Name: GCAL | Sample ID: HFSB-IDW-S-091013

Lab Code: LA024 | Case No.: | Contract:

Matrix: Solid | SAS No.: | SDG No.: 213091233

Sample wt/vol: 100 | Units: mL | Lab Sample ID: 21309123304

Level: (low/med) LOW | Date Collected: 09/10/13 | Time: 1710

% Moisture: | decanted: (Y/N) | Date Received: 09/12/13

GC Column: | ID: | (mm) | Date Extracted: 09/18/13

Concentrated Extract Volume: 10000 | (µL) | Date Analyzed: 09/19/13 | Time: 1422

Soil Aliquot Volume: | (µL) | Dilution Factor: 1 | Analyst: TLS

Injection Volume: 1 | (µL) | Prep Method: SW-846 8151A

GPC Cleanup: (Y/N) N | pH: | Analytical Method: 1311/8151

Prep Batch: 515755 | Analytical Batch: 516136 | Sulfur Cleanup: (Y/N) N | Instrument ID: GCS17A

CONCENTRATION UNITS: mg/L | Lab File ID: 2130919/sv17a008

CAS NO.	COMPOUND	RESULT	Q	MDL	LOD	LOQ
94-75-7	2,4'-D	0.00250	U	0.00100	0.00250	0.00500
93-72-1	2,4,5-TP (SILVEX)	0.00250	U	0.00100	0.00250	0.00500

FORM I ORG-1

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL | Sample ID: HFSB-IDW-W-091013

Lab Code LA024 | Case No.: | Contract:

Matrix: (soil / water) Water | SAS No.: | SDG No.: 213091233

Level: (low / med) | % Solids: | Lab Sample ID. 21309123302

Date Received: 09/12/13 | Time: 1030 | Date Collected. 09/10/13 | Time: 1700

Analyte	Conc.	Units	C	MDL	LOD	LOQ	Method	Type	Analyzed	
Aluminum	0.10	mg/L	U	0.050	0.10	0.20	SW-846 6010C	P	09/16/13 2056	
Antimony	0.030	mg/L	U	0.015	0.030	0.060	SW-846 6010C	P	09/16/13 2056	
Arsenic	0.010	mg/L	U	0.0050	0.010	0.020	SW-846 6010C	P	09/16/13 2056	
Barium	0.031	mg/L		0.0025	0.0050	0.010	SW-846 6010C	P	09/16/13 2056	
Beryllium	0.0020	mg/L	U	0.0010	0.0020	0.0040	SW-846 6010C	P	09/16/13 2056	
Cadmium	0.0025	mg/L	U	0.0013	0.0025	0.0050	SW-846 6010C	P	09/16/13 2056	
Calcium	246	mg/L		2.00	4.00	8.00	SW-846 6010C	P	09/17/13 1720	
Chromium	0.0050	mg/L	U	0.0025	0.0050	0.010	SW-846 6010C	P	09/16/13 2056	
Cobalt	0.0050	mg/L	U	0.0025	0.0050	0.010	SW-846 6010C	P	09/16/13 2056	
Copper	0.013	mg/L	J	0.0050	0.010	0.020	SW-846 6010C	P	09/16/13 2056	
Iron	1.69	mg/L		0.050	0.10	0.20	SW-846 6010C	P	09/16/13 2056	
Lead	0.0075	mg/L	U	0.0038	0.0075	0.015	SW-846 6010C	P	09/16/13 2056	
Magnesium	560	mg/L		0.050	0.10	0.20	SW-846 6010C	P	09/16/13 2056	
Manganese	0.18	mg/L		0.0038	0.0075	0.015	SW-846 6010C	P	09/16/13 2056	
Mercury	0.00020	mg/L	N	0.000068	0.00020	0.00020	SW-846 7470A	AV	09/17/13 1200	UJ-MSL
Nickel	0.020	mg/L	U	0.010	0.020	0.040	SW-846 6010C	P	09/16/13 2056	
Potassium	233	mg/L		1.25	2.50	5.00	SW-846 6010C	P	09/17/13 1720	
Selenium	0.020	mg/L	U	0.010	0.020	0.040	SW-846 6010C	P	09/16/13 2056	
Silver	0.0050	mg/L	U	0.0025	0.0050	0.010	SW-846 6010C	P	09/16/13 2056	
Sodium	5430	mg/L		2.50	5.00	10.0	SW-846 6010C	P	09/17/13 1720	
Thallium	0.010	mg/L	U	0.0050	0.010	0.020	SW-846 6010C	P	09/16/13 2056	
Vanadium	0.054	mg/L		0.0050	0.010	0.020	SW-846 6010C	P	09/16/13 2056	
Zinc	0.010	mg/L	U	0.0050	0.010	0.020	SW-846 6010C	P	09/16/13 2056	

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INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL | Sample ID: HFSB-IDW-S-091013

Lab Code: LA024 | Case No.: | Contract:

Matrix: (soil / water) Solid | SAS No.: | SDG No.: 213091233

Level: (low / med) | % Solids: | Lab Sample ID: 21309123304

Date Received: 09/12/13 | Time: 1030 | Date Collected: 09/10/13 | Time: 1710

Analyte	Conc.	Units	C	MDL	LOD	LOQ	Method	Type	Analyzed
Arsenic	0.050	mg/L	U	0.025	0.050	1.00	SW-846 1311/6010C	P	09/18/13 1209
Barium	0.037	mg/L	J	0.013	0.025	5.00	SW-846 1311/6010C	P	09/18/13 1209
Cadmium	0.013	mg/L	U	0.0063	0.013	0.050	SW-846 1311/6010C	P	09/18/13 1209
Chromium	0.025	mg/L	U	0.013	0.025	0.25	SW-846 1311/6010C	P	09/18/13 1209
Lead	0.038	mg/L	U	0.019	0.038	0.50	SW-846 1311/6010C	P	09/18/13 1209
Mercury	0.00012	mg/L	J	0.000068	0.00020	0.0020	SW-846 1311/7470A	AV	09/17/13 1525
Selenium	0.10	mg/L	U	0.050	0.10	0.50	SW-846 1311/6010C	P	09/18/13 1209
Silver	0.025	mg/L	U	0.013	0.025	0.25	SW-846 1311/6010C	P	09/18/13 1209

U-BL

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FORM I - IN

213091233 213

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
213091233[illegible]	HFSB-IDW-W-091013[illegible]	Water	09/10/2013 17:[illegible]	09/12/2013 [illegible]

EPA 1010A

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/18/2013 11:30	JEM	516008

CAS#	Parameter	Result	RDL	MDL	Units
000000-01-3	FlashPoint	>170	50	50	Deg F

213091233 379

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
213091233[illegible]	HFSD-IDW-W-091013	Water	09/10/2013 17:00	09/12/2013 [illegible]

SM 4500-H+ B-2011/EPA 9040C

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/12/2013 16:40	DNM	515655

CAS#	Parameter	Result	RDL	MDL	Units
pH	pH	8.03	1.00	1.00	pH unit

CF

213091233 380

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
[illegible]	HFSB/DW-S-091013	Solid	09/10/2013 [illegible]	[illegible]

EPA 9045D

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/16/2013 16:20	DNM	515795

CAS#	Parameter	Result	RDL	MDL	Units
pH	pH	8.50	1.00	1.00	pH unit

RESULTS REPORTED ON A WET WEIGHT BASIS

ar

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
[illegible]	HESB-IBWCS-0910[illegible]	Solid	09/10/2013 17:10	09/12/2013 10:30

EPA 1030

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
			1	09/18/2013 11:30	JEM	516005

CAS#	Parameter	Result	RDL	MDL	Units
000000-01-7	Ignitable	NC			

RESULTS REPORTED ON A WET WEIGHT BASIS

213091233 382

AGVIQ CH2M HILL

115 Perimeter Center Place, Suite 700
Atlanta, GA 30346-1278
Tel No. (770) 604-9182
Fax No. (770) 604-9282

CHAIN-OF-CUSTODY RECORD

[1] COC NUMBER: 09102013-1

[3] PROJECT NAME	[4] PROJECT NUMBER	[8] LAB NAME AND CONTACT	[11] FAX AND MAIL REPORTS/EDD TO RECIPIENT 1 (Name and Company)	[14] RECIPIENT 1 (Address, Tel No., and Fax No.)
NAS Key West - Parcel K	395479	GCAL	Camden Robinson/CH2M HILL	camden.robinson@ch2m.com
[5] PROJECT PHASE/SITE/TASK	[6] CTO OR DO NUMBER	[9] LAB PO NUMBER	[12] FAX AND MAIL REPORTS/EDD TO RECIPIENT 2 (Name and Company)	[15] RECIPIENT 2 (Address, Tel No., and Fax No.)
Groundwater sampling	JM22	817368	Bethany Garvey/CH2M HILL	bethany.garvey@ch2m.com
[7] PROJECT CONTACT	[7] PROJECT TEL NO AND FAX NO	[10] LAB TEL NO AND FAX NO	[13] FAX AND MAIL REPORTS/EDD TO RECIPIENT 3 (Name and Company)	[16] RECIPIENT 3 (Address, Tel No., and Fax No.)
Amy Twitty	850-232-0320	225-769-4900	Amy Twitty/CH2M HILL	amy.twitty@ch2m.com

[33] ANALYSES REQUIRED (Include Method Numbers)

[17] ITEM	[18] SAMPLE IDENTIFIER	[19] SAMPLE DESCRIPTION/LOCATION	[20] MATRIX (see codes on SOP)	[21] DATE COLLECTED	[22] TIME COLLECTED	[23] DATA PKG LEVEL (see codes on SOP)	[24] TAT (calendar days)	TCL VOC (8260B)	TCL SVOC (8270C)	TCL Pest (8081B)	TCL Herb (8151A)	PCB (8082A)	TAL Metals (6010C/7470A)	Ignitability (1010A)	Corrosivity (9040C)	TCLP V, SV, Pest, Herb, Metals	[26] SAMPLE TYPE (see codes on SOP)	[27] COMMENTS/ SCREENING READINGS	[28] LAB ID (for lab's use)
1	HFSB-IDW-TB-091013		W	09/10/13	-----	B	14	x											1
2	HFSB-IDW-W-091013		GW	09/10/13	17:00	B	14	x	x	x	x	x	x	x	x				2, 5
3	HFSB-IDW-S-091013		S	09/10/13	17:10	B	14	~~x~~	~~x~~	~~x~~	~~x~~	x	EXTRA X	x	x	X		Add "A" to end of Sample ID ~~-03~~ 9-19-13 Bjm	3, 4
4									9-12-13 BJM										
5																			
6																			
7																			
8																			
9																			
10																			

Client ID: 4380 - CH2M Hill Constructors

SDG: 213091233

Due Date: 09/19/13

[29] SAMPLER(S) AND COMPANY (please print)	[30] COURIER AND SHIPPING NUMBER	[31] SAMPLES TEMPERATURE AND CONDITION UPON RECEIPT (for lab's use)
John Towns, Nikki Monroe - CH2M HILL	FED EX 7946 6612 8078	4.6 ESS

[32] RELINQUISHED BY	DATE	TIME	[32] RECEIVED BY	DATE	TIME
Printed Name and Signature: N Monroe	9/11/2013	16:30	Printed Name and Signature: FedEx	9/11/2013	16:30
Printed Name and Signature: FEDEX	091213	1080	Printed Name and Signature	091213	1080
Printed Name and Signature			Printed Name and Signature		

Distribution: (X) Original - Laboratory (To be returned with Analytical Report). ( ) Copy 1 - Project File. ( ) Copy 2 - PMO

Form CC1001, Rev 06 00

JM22
NAS Key West
Data Summary Table
Waste Char Sampling 2013

Location			IDW-S
Sample ID			HFSB-IDW-S-091013
Sample Depth (ft)			0 - 0
Sample Date			9/10/2013
Analyte	**Units**	**TCLP [SL]**	
SW6010C (MG/L)			
ARSENIC	MG/L	5	0.05 U
BARIUM	MG/L	100	**0.037 J**
CADMIUM	MG/L	1	0.013 U
CHROMIUM, TOTAL	MG/L	5	0.025 U
LEAD	MG/L	5	0.038 U
SELENIUM	MG/L	1	0.1 U
SILVER	MG/L	5	0.025 U
SW7470A (MG/L)			
Mercury	MG/L	0.2	0.0002 U
SW8081B (MG/L)			
CHLORDANE	MG/L	0.03	0.0005 U
ENDRIN	MG/L	0.02	0.0001 U
GAMMA BHC (LINDANE)	MG/L	0.4	0.0001 U
HEPTACHLOR	MG/L	0.008	0.0001 U
HEPTACHLOR EPOXIDE	MG/L	0.008	0.0001 U
METHOXYCHLOR	MG/L	10	0.0001 U
TOXAPHENE	MG/L	0.5	0.0005 U
SW8151A (MG/L)			
2,4-D (DICHLOROPHENOXYACETIC ACID)	MG/L	10	0.0025 U
SILVEX (2,4,5-TP)	MG/L	1	0.0025 U
SW8260B (MG/L)			
1,1-DICHLOROETHENE	MG/L	0.7	0.02 U
1,2-DICHLOROETHANE	MG/L	0.5	0.008 U
BENZENE	MG/L	0.5	0.008 U
CARBON TETRACHLORIDE	MG/L	0.5	0.02 U
CHLOROBENZENE	MG/L	100	0.008 U
CHLOROFORM	MG/L	6	0.008 U
METHYL ETHYL KETONE (2-BUTANONE)	MG/L	200	0.02 U
TETRACHLOROETHENE (PCE)	MG/L	0.7	0.02 U
TRICHLOROETHENE (TCE)	MG/L	0.5	0.008 U
VINYL CHLORIDE	MG/L	0.2	0.008 U
SW8270D (MG/L)			
1,4-DICHLOROBENZENE	MG/L	7.5	0.006 U
2,4,5-TRICHLOROPHENOL	MG/L	400	0.0025 U
2,4,6-TRICHLOROPHENOL	MG/L	2	0.0025 U
2,4-DINITROTOLUENE	MG/L	0.13	0.0025 U
2-METHYLPHENOL (O-CRESOL)	MG/L	200	0.0025 U
3 & 4-Methylphenol	MG/L	--	0.0025 U
CRESOLS, TOTAL	MG/L	200	0.005 U
HEXACHLOROBENZENE	MG/L	0.13	0.006 U
HEXACHLOROBUTADIENE	MG/L	0.5	0.006 U
HEXACHLOROETHANE	MG/L	3	0.006 U
NITROBENZENE	MG/L	2	0.0025 U
PENTACHLOROPHENOL	MG/L	100	0.0025 U
PYRIDINE	MG/L	5	0.025 U

Notes:

NA = Not analyzed

J = The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.

U = The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

mg/l = Milligrams per Liter

Bold indicates the analyte was detected

Shading indicates the analyte exceded screening criteria

TCLP [SL] - EPA TCLP Screening Limit

Soil Confirmation Samples

NAS Key West

PREPARED FOR: NAS Key West / Parcel K Additional Soil Sampling 2012

FINAL REVEIWER: Camden Robinson/ Associate Project Chemist/CH2M HILL

COPIES: Amy Twitty /Project Manager/AGVIQ CH2M HILL

DATE: June 4th, 2012

SUBJECT: Quality Assessment for Samples Collected January 18th, 2012 thru January 19th, 2012

This quality assurance memorandum is based upon a review of analytical data generated for soil samples and associated field quality control samples collected on January 18th, 2012 thru January 19th, 2012 at the Naval Air Station in Key West, Florida. The samples were collected as a part of the Parcel K Additional Soil Sampling 2012 event conducted at the site. Table 1-1 presents a summary of the AGVIQ-CH2M HILL sample identification numbers, laboratory sample identification numbers, dates of collection, and the analyses performed.

PEL a division of Spectrum Analytical, Inc. in Tampa, Florida served as the laboratory for this Parcel K Additional Soil Sampling 2012 event. The samples were submitted for the following analyses:

- Polychlorinated Biphenyls (PCBs) by method SW-846 8082
- Polycyclic Aromatic Hydrocarbons (PAH) by method SW-826 8270 SIM

Table 1-1 ***Summary Sample Data Reviewed NAS Key West***

Sample Number	Lab Sample ID	Date Sampled	Analysis Required
HFSB-D2WS-0.502	350501801	01/18/2012	[1]
HFSB-D2WS-0204	350501802	01/18/2012	[1]
HFSB-D2WW-0.502	350501803	01/18/2012	[1]
HFSB-D2WW-0204	350501804	01/18/2012	[1]
HFSB-D2WN-0.502	350501807	01/18/2012	[1]
HFSB-D2WN-0204	350501808	01/18/2012	[1]
JM22-QCEB-011812	350501809	01/18/2012	[1]
HFSB-D2WE-0.502	350501810	01/18/2012	[1]

Sample Number	Lab Sample ID	Date Sampled	Analysis Required
HFSB-D2WE-0204	350501811	01/18/2012	[1]
*HFSB-FD1	350501813	01/18/2012	[1]
JM22-QCEB1-011912	350503201	01/19/2012	[2]
HFSB-Road-1A-000.5	350503202	01/19/2012	[2]
**JM22-FD2-SO-011912	350503203	01/19/2012	[2]
HFSB-D2WW2-0204	350503801	01/18/2012	[1]

ANALYSES PERFORMED CODES:
[1] – Polychlorinated Biphenyls (PCBs)by SW-846 8082
[2] – Polycyclic Aromatic Hydrocarbon (PAH) by SW-846 8270 SIM
** HFSB-FD1 is the blind field duplicate of HFSB-D2WS-0204*
*** JM22-FD2-SO-011912 is the blind field duplicate of HFSB-Road-1A-000.5*

Data for the analyses were reviewed for adherence to the specified analytical protocols in accordance with AGVIQ-CH2M HILL Sampling Analysis Plan. All analysis results have been validated or qualified according to general guidance provided in the Department of Defense (DOD) Quality Systems Manual - Version 3 Final March 2005 (based on NELAC Voted Version – 5 June 2003).

The findings of this quality assurance report are based upon the comprehensive review of the following results summaries reported according to the AGVIQ-CH2M HILL Level C (CLP-like data deliverables format): chain of custody documentation, holding times, laboratory method and field blank analyses, surrogate compound recoveries, matrix spike compound recoveries and reproducibility, decafluorotriphenylphosphine (DFTPP) mass tuning results, initial and continuing calibration, second source recovery and internal standard area performance summaries, target compound identification, laboratory control sample results, laboratory and blind field duplicate sample results, detection limits/sensitivity, and electronic data deliverables.

The analyses were performed acceptably. Any aspects of the data, which are not discussed in this report, should be considered qualitatively and quantitatively valid as reported, based on the deliverables reviewed. A result summary report presenting the validated and qualified results is presented in Attachment I.

General Data Qualifiers

As required by U.S. EPA protocols, all compounds which were qualitatively identified at concentrations below their respective reporting limits (RL) but above the method detection limit (MDL) have been qualified with "J" qualifiers on the data summary reports to indicate that they are quantitative estimates.

SOIL CLEANUP TARGET LEVEL RESIDENTIAL LIMITS

All samples collected and analyzed for the month of January 2012 for the polychlorinated biphenyls (PCB) and polycyclic aromatic hydrocarbons (PAH) were less than the soil cleanup target level residential limits with the exception of the analytes listed below:

Analyte (PCB List)	Affected Sample	Sample Results (mg/kg)	Soil Cleanup Target Levels Residential (mg/kg)
Aroclor 1260	HFSB-D2WS-0.502	1.1	0.5
Aroclor 1260	HFSB-D2WW-0.502	4.2	0.5
Aroclor 1260	HFSB-D2WW-0204	7.4	0.5
Aroclor 1260	HFSB-D2WW2-0204	19	0.5

Analyte (PAH List)	Affected Sample	Sample Results (mg/kg)	Soil Cleanup Target Levels Residential (mg/kg)
Benzo(a)pyrene	HFSB-Road-1A-000.5	0.16	0.1
Benzo(a)pyrene	JM22-FD2-SO-011912	0.2	0.1

SOIL CLEANUP TARGET LEVEL INDUSTRIAL LIMITS

All samples collected and analyzed for the month of January 2012 for the polychlorinated biphenyls (PCB) and polycyclic aromatic hydrocarbons (PAH) were less than the soil cleanup target level industrial limits with the exception of the analytes listed below:

Analyte (PCB List)	Affected Sample	Sample Results (mg/kg)	Soil Cleanup Target Levels Industrial (mg/kg)
Aroclor 1260	HFSB-D2WW-0.502	4.2	2.6
Aroclor 1260	HFSB-D2WW-0204	7.4	2.6
Aroclor 1260	HFSB-D2WW2-0204	19	2.6

Organic Data Qualifiers

The acenaphthene, acenaphthylene, fluoranthene, phenanthrene, and pyrene results for the samples listed below are considered estimated due to the level at which the analytes were present in the associated equipment blank. This has been indicated by placing a "JB" qualifier next to the reported results associated with the equipment blank contamination for the results listed on the data summary table for these samples.

Analyte	Affected Samples
Acenaphthene	HFSB-Road-1A-000.5 and JM22-FD2-SO-011912
Acenaphthylene	HFSB-Road-1A-000.5 and JM22-FD2-SO-011912
Fluoranthene	HFSB-Road-1A-000.5 and JM22-FD2-SO-011912
Phenanthrene	HFSB-Road-1A-000.5 and JM22-FD2-SO-011912
Pyrene	HFSB-Road-1A-000.5 and JM22-FD2-SO-011912

The samples presented below were analyzed at dilutions for the analysis indicated. These dilutions may have resulted in surrogate compounds diluted below the instrument detection limit; therefore surrogate recoveries may not be reported for all diluted analysis. These dilutions were required to prevent saturation of the instrument, to allow quantitation of the compounds within the linear range of the calibration curve, and/or to reduce the effects of the matrix on the target compounds. Positive results for compounds reported above the calibration range in the initial analysis have been reported from the diluted analyses. When possible, results and quantitation limits for all other compounds were reported from the initial analysis. However, higher quantitation limits have resulted for specific polychlorinated biphenyls, which were not detected, in these samples. This should be noted when assessing these samples for the

qualitative absence of specific polychlorinated biphenyl compounds

Sample ID	Analysis	Dilution Factor
HFSB-D2WS-0.502	PCB	2X
HFSB-D2WW-0.502	PCB	10X
HFSB-D2WW-0204	PCB	20X
HFSB-Road-1A-000.5	PAH	10X
JM22-FD2-SO-011912	PAH	10X
HFSB-D2WW2-0204	PCB	50X

Samples HFSB-D2WS-0204 and HFSB-Road-1A-000.5 and their blind field duplicate samples HFSB-FD1 and JM22-FD2-SO-011912 were submitted to the laboratory to evaluate sampling and analytical precision for those compounds determined to be confidently detected. All compounds met AGVIQ-CH2M HILL's blind duplicate precision criteria of 30% for soil samples relative percent difference (RPD) for polychlorinated biphenyls and polycyclic aromatic hydrocarbon analyses with the exception of aroclor 1260, fluoranthene, phenanthrene, and pyrene. A "J" qualifier was appended to results for these compounds in the native sample and field duplicate sample to indicate that the reported values should be considered quantitative estimates due to the field duplicate RPD exceedance.

Compound	Affected Samples
Aroclor 1260	HFSB-D2WS-0204 and HFSB-FD1
Fluoranthene	HFSB-Road-1A-000.5 and JM22-FD2-SO-011912
Phenanthrene	HFSB-Road-1A-000.5 and JM22-FD2-SO-011912
Pyrene	HFSB-Road-1A-000.5 and JM22-FD2-SO-011912

Summary

The organic analyses were performed acceptably, but required qualifying statements. This analytical quality assurance report has identified the aspects of the data, which required qualification. These qualifiers are noted on the attached analytical sample summary reports. A support documentation package has been prepared for this quality assurance review and is filed with the NAS Key West JM-22/Parcel K Additional Soil Sampling event 2012 project file.

Attachment I

VALID QUALIFIERS

QUALIFIER	
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit
J	The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there was presumptive evidence to make a "tentative identification."
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
UJ	The analyte was not deemed above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
R/UR	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and to meet the quality control criteria. The presence or absence of the analyte cannot be verified.
B	The analyte was detected in the associated method and/or calibration blank.
JB	The analyte detected in the associated field, equipment, and/or trip blank.

QUALIFICATION CODE REFERENCE

Qualifier	Organics	Inorganics
H	Holding times were exceeded.	Holding times were exceeded.
S	Surrogate recovery was outside QC limits.	The sequence or number of standards used for the calibration was incorrect.
C	Calibration %RSD or %D was noncompliant.	Correlation coefficient is <0.995.
K	Calibration %D was noncompliant for the second source verification.	Correlation coefficient is <0.995 for the second source verification.
R	Calibration RRF was <0.05.	%R for calibration is not within control limits.
MB	Presumed contamination from preparation (method) blank.	Presumed contamination from preparation (method) blank or calibration blank.
L	Laboratory Blank Spike/Blank Spike Duplicate %R was not within control limits.	Laboratory Control Sample %R was not within control limits.
Q	MS/MSD recovery was poor or high RPD.	MS/MSD recovery was poor or high RPD.
G	Result is over the calibration range. No other acceptable result was provided.	Result is over the calibration range. Not other acceptable result was provided.
E	Not applicable.	Lab duplicate RPD showed poor agreement.
Z	Field duplicate RPD showed poor agreement.	Field duplicate RPD showed poor agreement
I	Internal standard performance was unsatisfactory	ICP ICS results were unsatisfactory.
A	Not applicable.	ICP Serial Dilution %D was not within control limits.
TN	Tuning (BFB or DFTPP) was noncompliant.	Not applicable.
T	Presumed contamination from trip blank.	Not applicable.
+	False positive—reported compound was not present.	Not applicable.
-	False negative—compound was present but not reported.	Not applicable.
F	Presumed contamination from FB or EB.	Presumed contamination from FB or ER.
$	Reported result or other information was incorrect.	Reported result or other information was incorrect.
?	TIC identity or reported retention time has been changed.	Not applicable.
D	The analysis with this flag should not be used because another more technically sound analysis is available.	The analysis with this flag should not be used because another more technically sound analysis is available.
P	Confirmation analysis RPD exceeded 40%.	Post Digestion Spike recovery was not within control limits.
T/D	Not applicable.	Total metals results were less than the dissolved metals result.
SD	Not applicable.	Seed correction factor was below the acceptable limit.
M	Results should be considered estimated due to matrix effects caused by saturation of target and/or non-target analytes.	Not applicable

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-D2WS-0.502

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West Parcel K JM22

Lab Code: PEL Case No. SAS No: SDG No.: 3505018

Matrix: SOIL Lab Sample ID: 350501801 Lab File ID: 501801.D

Sample wt/vol: 33.66 Units: G Date Received: 01/19/12

Concentrated Extract Volume: 10 Date Extracted: 01/19/12

Level:(low/med) LOW Date Analyzed: 01/19/12 Time: 1851

PercentSolids: 69.9 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.055	U	0.018	0.055
11096-82-5	Aroclor-1260	1.2	E	0.0098	0.042
11104-28-2	Aroclor-1221	0.05	U	0.017	0.05
11141-16-5	Aroclor-1232	0.084	U	0.028	0.084
53469-21-9	Aroclor-1242	0.046	U	0.015	0.046
12672-29-6	Aroclor-1248	0.046	U	0.015	0.046
11097-69-1	Aroclor-1254	0.042	U	0.013	0.042

R-0

Results reported on Primary Column; if RPD >40% results flagged accordingly.

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-D2WS-0.502DL1

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West Parcel K JM22

Lab Code: PEL Case No. SAS No: SDG No.: 3505018

Matrix: SOIL Lab Sample ID: 350501801DL1 Lab File ID: 501801D2.D

Sample wt/vol: 33.66 Units: G Date Received: 01/19/12

Concentrated Extract Volume: 10 Date Extracted: 01/19/12

Level:(low/med) LOW Date Analyzed: 01/19/12 Time: 2221

PercentSolids: 69.9 decanted: Dilution Factor: 2

Extraction: SONC Station ID: Method: 8082

GPC Cleanup: (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	
12674-11-2	Aroclor-1016	0.11	U	0.036	0.11	R-D
11096-82-5	Aroclor-1260	1.1		0.02	0.084	
11104-28-2	Aroclor-1221	0.1	U	0.034	0.1	R-D
11141-16-5	Aroclor-1232	0.17	U	0.056	0.17	
53469-21-9	Aroclor-1242	0.092	U	0.031	0.092	
12672-29-6	Aroclor-1248	0.092	U	0.031	0.092	
11097-69-1	Aroclor-1254	0.084	U	0.027	0.084	

Results reported on Primary Column, if RPD >40% results flagged accordingly.

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-D2WS-0204

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West Parcel K JM22

Lab Code : PEL Case No. SAS No: SDG No.: 3505018

Matrix: SOIL Lab Sample ID: 350501802 Lab File ID 501802.D

Sample wt/vol: 33.31 Units: G Date Received: 01/19/12

Concentrated Extract Volume: 10 Date Extracted: 01/19/12

Level:(low/med) LOW Date Analyzed: 01/19/12 Time: 1906

PercentSolids: 78.9 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.049	U	0.016	0.049
11096-82-5	Aroclor-1260	0.11	J	0.0088	0.038
11104-28-2	Aroclor-1221	0.045	U	0.015	0.045
11141-16-5	Aroclor-1232	0.075	U	0.025	0.075
53469-21-9	Aroclor-1242	0.041	U	0.014	0.041
12672-29-6	Aroclor-1248	0.041	U	0.014	0.041
11097-69-1	Aroclor-1254	0.038	U	0.012	0.038

Results reported on Primary Column, if RPD >40% results flagged accordingly.

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-D2WW-0.502

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West Parcel K JM22

Lab Code: PEL Case No. SAS No: SDG No.: 3505018

Matrix: SOIL Lab Sample ID: 350501803 Lab File ID: 501803.D

Sample wt/vol: 33.74 Units: G Date Received: 01/19/12

Concentrated Extract Volume: 10 Date Extracted: 01/19/12

Level:(low/med) LOW Date Analyzed: 01/19/12 Time: 1921

PercentSolids: 72.9 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	
12674-11-2	Aroclor-1016	0.052	U	0.017	0.052	
11096-82-5	Aroclor-1260	5.3	E	0.0094	0.04	R-D
11104-28-2	Aroclor-1221	0.048	U	0.016	0.048	
11141-16-5	Aroclor-1232	0.08	U	0.027	0.08	
53469-21-9	Aroclor-1242	0.044	U	0.015	0.044	
12672-29-6	Aroclor-1248	0.044	U	0.015	0.044	
11097-69-1	Aroclor-1254	0.04	U	0.013	0.04	

Results reported on Primary Column, if RPD >40% results flagged accordingly.

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-D2WW-0.502DL1

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West Parcel K JM22

Lab Code : PEL Case No. SAS No: SDG No.: 3505018

Matrix: SOIL Lab Sample ID: 350501803DL1 Lab File ID 50180310.D

Sample wt/vol: 33.74 Units: G Date Received: 01/19/12

Concentrated Extract Volume: 10 Date Extracted: 01/19/12

Level:(low/med) LOW Date Analyzed: 01/19/12 Time: 2236

PercentSolids: 72.9 decanted : Dilution Factor: 10

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	
12674-11-2	Aroclor-1016	0.52	U	0.17	0.52	R-D
11096-82-5	Aroclor-1260	4.2		0.094	0.4	
11104-28-2	Aroclor-1221	0.48	U	0.16	0.48	R-D
11141-16-5	Aroclor-1232	0.8	U	0.27	0.8	
53469-21-9	Aroclor-1242	0.44	U	0.15	0.44	
12672-29-6	Aroclor-1248	0.44	U	0.15	0.44	
11097-69-1	Aroclor-1254	0.4	U	0.13	0.4	

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Form I

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-D2WW-0204

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West Parcel K JM22

Lab Code: PEL Case No. SAS No: SDG No.: 3505018

Matrix: SOIL Lab Sample ID: 350501804 Lab File ID: 501804.D

Sample wt/vol: 33.17 Units: G Date Received: 01/19/12

Concentrated Extract Volume: 10 Date Extracted: 01/19/12

Level:(low/med) LOW Date Analyzed: 01/19/12 Time: 1936

PercentSolids: 87.4 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.044	U	0.015	0.044
11096-82-5	Aroclor-1260	9.2	E	0.008	0.034
11104-28-2	Aroclor-1221	0.041	U	0.014	0.041
11141-16-5	Aroclor-1232	0.068	U	0.023	0.068
53469-21-9	Aroclor-1242	0.038	U	0.012	0.038
12672-29-6	Aroclor-1248	0.038	U	0.012	0.038
11097-69-1	Aroclor-1254	0.034	U	0.011	0.034

Results reported on Primary Column. if RPD >40% results flagged accordingly.

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-D2WW-0204DL1

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West Parcel K JM22

Lab Code: PEL Case No. SAS No: SDG No.: 3505018

Matrix: SOIL Lab Sample ID: 350501804DL1 Lab File ID: 50180420.D

Sample wt/vol: 33.17 Units: G Date Received: 01/19/12

Concentrated Extract Volume: 10 Date Extracted: 01/19/12

Level:(low/med) LOW Date Analyzed: 01/19/12 Time: 2251

PercentSolids: 87.4 decanted : Dilution Factor: 20

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	
12674-11-2	Aroclor-1016	0.89	U	0.3	0.89	2-D
11096-82-5	Aroclor-1260	7.4		0.16	0.68	
11104-28-2	Aroclor-1221	0.82	U	0.27	0.82	2-D
11141-16-5	Aroclor-1232	1.4	U	0.46	1.4	
53469-21-9	Aroclor-1242	0.75	U	0.25	0.75	
12672-29-6	Aroclor-1248	0.75	U	0.25	0.75	
11097-69-1	Aroclor-1254	0.68	U	0.22	0.68	

Results reported on Primary Column, if RPD >40% results flagged accordingly.

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-D2WN-0.502

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West Parcel K JM22

Lab Code : PEL Case No. SAS No: SDG No.: 3505018

Matrix: SOIL Lab Sample ID: 350501807 Lab File ID 501807.D

Sample wt/vol: 33.93 Units: G Date Received: 01/19/12

Concentrated Extract Volume: 10 Date Extracted: 01/19/12

Level:(low/med) LOW Date Analyzed: 01/19/12 Time: 2105

PercentSolids: 72.4 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.052	U	0.017	0.052
11096-82-5	Aroclor-1260	0.19		0.0094	0.04
11104-28-2	Aroclor-1221	0.048	U	0.016	0.048
11141-16-5	Aroclor-1232	0.081	U	0.027	0.081
53469-21-9	Aroclor-1242	0.044	U	0.015	0.044
12672-29-6	Aroclor-1248	0.044	U	0.015	0.044
11097-69-1	Aroclor-1254	0.04	U	0.013	0.04

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Form I

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-D2WN-0204

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West Parcel K JM22

Lab Code : PEL Case No. SAS No: SDG No.: 3505018

Matrix: SOIL Lab Sample ID: 350501808 Lab File ID 501808.D

Sample wt/vol: 33.03 Units: G Date Received: 01/19/12

Concentrated Extract Volume: 10 Date Extracted: 01/19/12

Level:(low/med) LOW Date Analyzed: 01/19/12 Time: 2120

PercentSolids: 85.1 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.046	U	0.015	0.046
11096-82-5	Aroclor-1260	0.048		0.0082	0.035
11104-28-2	Aroclor 1221	0.042	U	0.014	0.042
11141-16-5	Aroclor-1232	0.07	U	0.023	0.07
53469-21-9	Aroclor-1242	0.039	U	0.013	0.039
12672-29-6	Aroclor-1248	0.039	U	0.013	0.039
11097-69-1	Aroclor-1254	0.035	U	0.011	0.035

CL

Results reported on Primary Column, if RPD >40% results flagged accordingly.

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-QCEB-011812

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West Parcel K JM22

Lab Code: PEL Case No. SAS No: SDG No.: 3505018

Matrix: WATER Lab Sample ID: 350501809 Lab File ID: 501809.D

Sample wt/vol: 985 Units: ML Date Received: 01/19/12

Concentrated Extract Volume: 10 Date Extracted: 01/23/12

Level:(low/med) LOW Date Analyzed: 01/23/12 Time: 2238

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.00073	U	0.00036	0.00073
11096-82-5	Aroclor-1260	0.00051	U	0.00025	0.00051
11104 28 2	Aroclor-1221	0.00087	U	0.00044	0.00087
11141-16-5	Aroclor-1232	0.00051	U	0.0002	0.00051
53469-21-9	Aroclor-1242	0.00063	U	0.00031	0.00063
12672-29-6	Aroclor-1248	0.00051	U	0.0002	0.00051
11097-69-1	Aroclor-1254	0.00051	U	0.0002	0.00051

Results reported on Primary Column, if RPD >40% results flagged accordingly.

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-D2WE-0.502

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West Parcel K JM22

Lab Code: PEL Case No: SAS No: SDG No.: 3505018

Matrix: SOIL Lab Sample ID: 350501810 Lab File ID: 501810.D

Sample wt/vol: 33.2 Units: G Date Received: 01/19/12

Concentrated Extract Volume: 10 Date Extracted: 01/19/12

Level:(low/med) LOW Date Analyzed: 01/19/12 Time: 2136

PercentSolids: 88.5 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.044	U	0.015	0.044
11096-82-5	Aroclor-1260	0.44		0.0079	0.034
11104-28-2	Aroclor-1221	0.04	U	0.013	0.04
11141-16-5	Aroclor-1232	0.067	U	0.022	0.067
53469-21-9	Aroclor-1242	0.037	U	0.012	0.037
12672-29-6	Aroclor-1248	0.037	U	0.012	0.037
11097-69-1	Aroclor-1254	0.034	U	0.011	0.034

CL

Results reported on Primary Column, if RPD >40% results flagged accordingly.

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-D2WE-0204

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West Parcel K JM22

Lab Code: PEL Case No. SAS No: SDG No.: 3505018

Matrix: SOIL Lab Sample ID: 350501811 Lab File ID: 501811.D

Sample wt/vol: 33.01 Units: G Date Received: 01/19/12

Concentrated Extract Volume: 10 Date Extracted: 01/19/12

Level:(low/med) LOW Date Analyzed: 01/19/12 Time: 2151

PercentSolids: 84.4 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.046	U	0.015	0.046
11096-82-5	Aroclor-1260	0.22		0.0083	0.036
11104-28-2	Aroclor-1221	0.043	U	0.014	0.043
11141-16-5	Aroclor-1232	0.071	U	0.024	0.071
53469-21-9	Aroclor-1242	0.039	U	0.013	0.039
12672-29-6	Aroclor-1248	0.039	U	0.013	0.039
11097-69-1	Aroclor-1254	0.036	U	0.011	0.036

0.8

Results reported on Primary Column, if RPD >40% results flagged accordingly.

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HSFB-FD1

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West Parcel K JM22

Lab Code: PEL Case No.: SAS No.: SDG No.: 3505018

Matrix: SOIL Lab Sample ID: 350501813 Lab File ID: 501813.D

Sample wt/vol: 33.23 Units: G Date Received: 01/19/12

Concentrated Extract Volume: 10 Date Extracted: 01/19/12

Level:(low/med) LOW Date Analyzed: 01/19/12 Time: 2206

PercentSolids: 66.6 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.058	U	0.019	0.058
11096-82-5	Aroclor-1260	0.062	J	0.01	0.045
11104-28-2	Aroclor-1221	0.054	U	0.018	0.054
11141-16-5	Aroclor-1232	0.089	U	0.03	0.089
53469-21-9	Aroclor-1242	0.049	U	0.016	0.049
12672-29-6	Aroclor-1248	0.049	U	0.016	0.049
11097-69-1	Aroclor-1254	0.045	U	0.014	0.045

CL

Results reported on Primary Column, if RPD >40% results flagged accordingly.

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-QCEB1-011912

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West/ JM-22/ Parcel

Lab Code: PEL Case No. SAS No: SDG No.: 3505032

Matrix: WATER Lab Sample ID: 350503201 Lab File ID: 03201.D

Sample wt/vol: 980 Units: ML Date Received: 01/20/12

Concentrated Extract Volume: 1 Date Extracted: 01/23/12

Level:(low/med) LOW Date Analyzed: 01/24/12 Time: 1026

PercentSolids: 0 decanted : Dilution Factor: 1

Extraction: SEPF Station ID: Method: 8270 SIM

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: UG/L

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
90-12-0	1-Methylnaphthalene	0.11		0.02	0.061
91-57-6	2-Methylnaphthalene	0.2	B	0.02	0.061
83-32-9	Acenaphthene	0.1		0.02	0.061
208-96-8	Acenaphthylene	0.041	J	0.02	0.061
120-12-7	Anthracene	0.12		0.02	0.061
56-55-3	Benzo(a)anthracene	0.061	U	0.02	0.061
50-32-8	Benzo(a)pyrene	0.061	U	0.02	0.061
205-99-2	Benzo(b)fluoranthene	0.061	U	0.02	0.061
191-24-2	Benzo(g,h,i)perylene	0.061	U	0.02	0.061
207-08-9	Benzo(k)fluoranthene	0.061	U	0.02	0.061
218-01-9	Chrysene	0.061	U	0.02	0.061
53-70-3	Dibenzo(a,h)anthracene	0.061	U	0.02	0.061
206-44-0	Fluoranthene	0.12		0.02	0.061
86-73-7	Fluorene	0.61		0.02	0.061
193-39-5	Indeno(1,2,3-cd)pyrene	0.061	U	0.02	0.061
91-20-3	Naphthalene	0.22	B	0.02	0.061
85-01-8	Phenanthrene	1.1		0.02	0.061
129-00-0	Pyrene	0.06	J	0.02	0.061

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-Road-1A-000.5

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West/ JM-22/ Parcel

Lab Code: PEL Case No.: SAS No.: SDG No.: 3505032

Matrix: SOIL Lab Sample ID: 350503202 Lab File ID: 03202D10.D

Sample wt/vol: 25.25 Units: G Date Received: 01/20/12

Concentrated Extract Volume: 1 Date Extracted: 01/24/12

Level:(low/med) LOW Date Analyzed: 01/25/12 Time: 1812

PercentSolids: 90 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270 SIM

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	
90-12-0	1-Methylnaphthalene	0.035	U	0.012	0.035	
91-57-6	2-Methylnaphthalene	0.035	U	0.012	0.035	
83-32-9	Acenaphthene	0.035	U	0.012	0.035	
208-96-8	Acenaphthylene	0.027	J B	0.012	0.035	F
120-12-7	Anthracene	0.03	J B	0.012	0.035	F
56-55-3	Benzo(a)anthracene	0.13		0.012	0.037	
50-32-8	Benzo(a)pyrene	0.16		0.016	0.048	
205-99-2	Benzo(b)fluoranthene	0.19		0.017	0.05	
191-24-2	Benzo(g,h,i)perylene	0.17		0.027	0.082	
207-08-9	Benzo(k)fluoranthene	0.11		0.018	0.055	
218-01-9	Chrysene	0.14		0.011	0.034	
53-70-3	Dibenzo(a,h)anthracene	0.035	J	0.023	0.069	
206-44-0	Fluoranthene	0.17	JB	0.012	0.035	F, Z
86-73-7	Fluorene	0.035	U	0.012	0.035	
193-39-5	Indeno(1,2,3-cd)pyrene	0.11		0.026	0.079	
91-20-3	Naphthalene	0.035	U	0.012	0.035	
85-01-8	Phenanthrene	0.052	JB	0.012	0.035	F, Z
129-00-0	Pyrene	0.14	JB	0.012	0.035	F, Z

1

SEMI-VOLATILE ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-FD2-SO-011912

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West/ JM-22/ Parcel

Lab Code: PEL Case No. SAS No: SDG No.: 3505032

Matrix: SOIL Lab Sample ID: 350503203 Lab File ID: 03203D10.D

Sample wt/vol: 25.23 Units: G Date Received: 01/20/12

Concentrated Extract Volume: 1 Date Extracted: 01/24/12

Level:(low/med) LOW Date Analyzed: 01/25/12 Time: 1836

PercentSolids: 89.4 decanted : Dilution Factor: 10

Extraction: OTHER Station ID: Method: 8270 SIM

GPC Cleanup : (Y/N) N pH:

Column(1): HPMS-5 ID: 0.25 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	
90-12-0	1-Methylnaphthalene	0.035	U	0.012	0.035	
91-57-6	2-Methylnaphthalene	0.035	U	0.012	0.035	
83-32-9	Acenaphthene	0.035	U	0.012	0.035	
208-96-8	Acenaphthylene	0.032	JB	0.012	0.035	F
120-12-7	Anthracene	0.036	JB	0.012	0.035	F
56-55-3	Benzo(a)anthracene	0.16		0.012	0.037	
50-32-8	Benzo(a)pyrene	0.2		0.016	0.048	
205-99-2	Benzo(b)fluoranthene	0.23		0.017	0.05	
191-24-2	Benzo(g,h,i)perylene	0.19		0.027	0.082	
207-08-9	Benzo(k)fluoranthene	0.11		0.019	0.056	
218-01-9	Chrysene	0.15		0.012	0.034	
53-70-3	Dibenzo(a,h)anthracene	0.044	J	0.023	0.069	
206-44-0	Fluoranthene	0.24	JB	0.012	0.035	F, Z
86-73-7	Fluorene	0.035	U	0.012	0.035	
193-39-5	Indeno(1,2,3-cd)pyrene	0.14		0.027	0.08	
91-20-3	Naphthalene	0.035	U	0.012	0.035	
85-01-8	Phenanthrene	0.082	JB	0.012	0.035	F, Z
129-00-0	Pyrene	0.21	JB	0.012	0.035	F, Z

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-D2WW2-0204

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West/ JM-22 / Parcel

Lab Code : PEL Case No. SAS No: SDG No.: 3505038

Matrix: SOIL Lab Sample ID: 350503801 Lab File ID: 03801D5.D

Sample wt/vol: 25.6 Units: G Date Received: 01/19/12

Concentrated Extract Volume: 10 Date Extracted: 01/23/12

Level:(low/med) LOW Date Analyzed: 01/24/12 Time: 0934

PercentSolids: 91.1 decanted : Dilution Factor: 5

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*	
12674-11-2	Aroclor-1016	0.17	U	0.056	0.17	
11096-82-5	Aroclor-1260	20	E	0.03	0.13	RPD
11104-28-2	Aroclor-1221	0.15	U	0.051	0.15	
11141-16-5	Aroclor-1232	0.26	U	0.086	0.26	
53469-21-9	Aroclor-1242	0.14	U	0.047	0.14	
12672-29-6	Aroclor-1248	0.14	U	0.047	0.14	
11097-69-1	Aroclor-1254	0.13	U	0.041	0.13	

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Form I

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: HFSB-D2WW2-0204DL1

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West/ JM-22 / Parcel

Lab Code : PEL Case No. SAS No: SDG No.: 3505038

Matrix: SOIL Lab Sample ID: 350503801DL1 Lab File ID: 03801D50.D

Sample wt/vol: 25.6 Units: G Date Received: 01/19/12

Concentrated Extract Volume: 10 Date Extracted: 01/23/12

Level:(low/med) LOW Date Analyzed: 01/24/12 Time: 0949

PercentSolids: 91.1 decanted : Dilution Factor: 50

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: MG/KG

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	1.7	U	0.56	1.7
11096-82-5	Aroclor-1260	19		0.3	1.3
11104-28-2	Aroclor-1221	1.5	U	0.51	1.5
11141-16-5	Aroclor-1232	2.6	U	0.86	2.6
53469-21-9	Aroclor-1242	1.4	U	0.47	1.4
12672-29-6	Aroclor-1248	1.4	U	0.47	1.4
11097-69-1	Aroclor-1254	1.3	U	0.41	1.3

Results reported on Primary Column, if RPD >40% results flagged accordingly.

PEL

CHAIN OF CUSTODY RECORD

3505018 mca

Page 1 of 2

Special Handling:
TAT- Indicate Date Needed: 1-20-12
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Bethany Garvey -on-file- CH2M HILL

Invoice To: Amy Twitty CH2M HILL on-file

Project No.: 395479
Site Name: Parcel K
Location: NAS Key West State: FL
Sampler(s): Nicole Monroe

Project Mgr.: Amy Twitty

P.O. No.: _____ RQN: _____

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9=_____ 10=_____ 11=_____

List preservative code below:

Notes:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: PCB 8082	QA/QC Reporting Level
01	HFSB-D2WS-0.5-2	1/18/12	10:10	G	SO			1		X	0.5-2ft
02	HFSB-D2WS-02-4	1/18/12	10:20	G	SO			1		X	2-4'
03	HFSB-D2WW-0.5-2	1/18/12	10:55	G	SO			1		X	0.5-2'
04	HFSB-D2WW-02-4	1/18/12	11:15	G	SO			1		X	~~MS~~ 2-4'
05	HFSB-D2WW-0204-MS	1/18/12	11:26	G	SO			1		X	MS 2-4'
06	HFSB-D2WW-0204-SD	1/18/12	11:20	G	SO			1		X	MSD 2-4'
07	HFSB-D2WN-0.5-2	1/18/12	11:50	G	SO			1		X	0.5-2'
08	HFSB-D2WN-02-4	1/18/12	12:20	G	SO			1		X	02-4'
09	JM22-QCEB-011812	1/18/12	1235	G	W		2	~~2~~		X	EB
10	HFSB-D2WE-0.5-2	1/18/12	1255	G	SO			1		X	0.5-2'

☐ E-mail to bgarvey@CH2M.com
EDD Format CH2M HILL

Condition upon receipt: ☑ Iced ☐ Ambient ☑ °C 2-8 C

Relinquished by:	Received by:	Date:	Time:
[signature]	FedEx	1-18-12	1600
FEDEX	[signature]	1-19-12	0745

3505018

115

3505018
MG

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CHAIN OF CUSTODY RECORD

Page 2 of 2

Special Handling:
TAT- Indicate Date Needed: 1-20-12
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Bethany Garvey
CH2M HILL
- on file -

Project Mgr.: Amy Twitty

Invoice To: Amy Twitty
CH2M HILL
- on file -

P.O. No.: RQN:

Project No.: 395479
Site Name: Parcel X
Location: NAS KW State: FL
Sampler(s): Nicole Monroe

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= 10= 11=

List preservative code below:

Notes:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= WIPE X2= X3=

G=Grab C=Composite

QA/QC Reporting Level
☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☒ Other CH2M HILL Level C
State specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	PCBs 8082	Notes
11	HFSB-D2WE-0204	1-18-12	1310	G	SO			1		X	2-4'
	HFSB-D2WE2-0.502	1-18-12	1340	G	SO			1		X	0.5-2' HOLD
	HFSB-D2WE2-0204	1-18-12	1400	G	SO			1		X	2-4' HOLD
	HFSB-D2WW2-0.502	1-18-12	1420	G	SO			1		X	0.5-2' HOLD
	HFSB-D2WW2-0204	1-18-12	1430	G	SO			1		X	2-4' HOLD
12	~~JON22-QCWIPE1-0418/2~~	~~1-18-12~~	~~1510~~	G	~~X~~1			1		X	sample -12 is moved to SDG 3505056 MG 1/24/12 — 5 WIPE PADS OFF OF mini-EX Equipment WIPE
-13	HFSB-FD1 NJ 1-19-12	1-18-12								X	

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EDD Format CH2M HILL

Condition upon receipt: ☒ Iced ☐ Ambient ☒ °C 2.8°C

Relinquished by:	Received by:	Date:	Time:
[signature]	Fed Ex	1-18-12	1600
FedEx	[signature]	1-19-12	07.45

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CHAIN OF CUSTODY RECORD

Page 1 of 1 3505032

Special Handling:
TAT- Indicate Date Needed: 3 day
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Bethany Garvey
CH2M HILL
- on file -

Project Mgr.: Amy Twitty

Invoice To: Amy Twitty
CH2M HILL
- on file -

P.O. No.: RQN:

Project No.: 395479
Site Name: Parcel K
Location: NAS KW State: FL
Sampler(s): Nikki Monroe

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= 10= 11=

List preservative code below:

Notes:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= X2= X3=

G=Grab C=Composite

Containers: Analyses:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic		PAHs 8270(SIM) PCBs 8082 NM								Notes
-01	JM22-QCEB1-011912	1-19-12	1510	G	W		2				X								HOLD
-02	HFSB-Road-1A-000.5	1-19-12	1520	G	SO			1			X								HOLD
-03	JM22-FD2-SO-011912	1-19-12	—	G	SO			1			X								HOLD

QA/QC Reporting Level
☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☒ Other CH2M HILL Level C
State specific reporting standards:

☐ E-mail to bgarvey@ch2m.com
EDD Format CH2M HILL

Relinquished by:	Received by:	Date:	Time:
[signature]	Fed Ex	1-19-12	1615
	[signature]	1-20-11	1030

Condition upon receipt: ☒ Iced ☐ Ambient ☒ °C 4.7

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CHAIN OF CUSTODY RECORD

~~3505018~~ ~~MLG~~

3505038 NS

Page 2 of 2

Special Handling:
TAT- Indicate Date Needed: 1-20-12
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Bethany Garvey
CH2M HILL
- on file -

Invoice To: Amy Twitty
CH2M HILL
- on file -

Project No.: 395479
Site Name: Parcel X
Location: NAS KW State: FL
Sampler(s): Nicole Monroe

Project Mgr.: Amy Twitty

P.O. No.: RQN:

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9= 10= 11=

List preservative code below:

Notes:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1= WIPE X2= X3=

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: PCBs 8082	Notes
~~-11~~	~~HFSB-D2WE-0204~~	~~1-18-12~~	~~1310~~	G	SO			1		X	2-4'
-11	HFSB-D2WE2-0502	1-18-12	1340	G	SO			1		X	0.5-2' HOLD
-11	HFSB-D2WE2-0204	1-18-12	1400	G	SO			1		X	2-4' HOLD
	~~HFSB-D2WW2-0502~~	1-18-12	1420	G	SO			1		X	NS 1-23-12 0.5-2' HOLD
-01	HFSB-D2WW2-0204	1-18-12	1430	G	SO			1		X	2-4' HOLD
12	~~FIELD QC WIPE 1-0102~~	1-18-12	1510	G	~~X1~~			1		X	5 WIPE PASS OFF OF mini-EX EQUIPMENT WIPE
-13	HFSB-FD1 NS 1-19-12	1-18-12								X	

☐ E-mail to bgarvey@ch2m.com
EDD Format CH2M HILL

Condition upon receipt: ☑ Iced ☐ Ambient ☑ °C 2.8

Relinquished by:	Received by:	Date:	Time:
	Fed Ex	1-18-12	1600
FedEx		1-19-12	07.45

TABLE F-4
PAH Soil Confirmation Sample Data Summary

StationID			Road-1A	Road-1A
SampleID			HFSB-Road-1A-000_5	JM22-FD2-SO-011912
Sample Date			1/19/2012	1/19/2012
Parameter	Units	SCTL		
Benzo(a)anthracene	MG/KG		0.013	0.016
Benzo(a)pyrene	MG/KG		0.16	0.2
Benzo(b)fluoranthene	MG/KG		0.019	0.023
Benzo(k)fluoranthene	MG/KG		0.0011	0.0011
Chrysene	MG/KG		0.00014	0.00015
Dibenzo(a,h)anthracene	MG/KG		0.035 J	0.044 J
Indeno(1,2,3-cd)pyrene	MG/KG		0.011	0.014
Total BEQs			0.23924	0.29825
	Industrial Exposure Limit	0.7		
SCTL Industrial Failure?			NO	NO
	Recreational Exposure Limit	0.35		
SCTL Recreational Failure?			NO	NO

Notes:

J The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.

U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

mg/kg Milligrams per Kilogram

1 Ch 62-777 F.A.C Soil Cleanup Target Level (SCTLs) reported in mg/kg

SCTL $^{1\ IND}$ - Soil Cleanup Target Level Industrial

Wipe Samples

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY
Florida Division

TEST REPORT

Florida	# E84207	California	# 07253CA
Texas	# T104704408-11-3	Louisiana	# 02025
South Carolina	# 96011001	Kansas	# E-10385
North Dakota	# R-178	Arkansas	#11-036-1

LABORATORY ACCREDITATION BUREAU ACCREDITED
Certificate # L2259 Testing

Customer Name:	CH2M Hill
Date and Time Received:	1/19/2012 7:45:00 AM
Date Reported:	2/7/2012
Laboratory Submission Number/SDG:	3505056
Project:	NAS Key West / JM-22 / Parcel K / 395479

The submission consisted of 1sample(s) with sample identification shown in the attached data tables.

The samples were analyzed for the methods listed on the attached table of contents. See the attached data tables for results.

Distribution of Report to:

CH2M Hill
Attn: Kama White
WorkPhone:

Respectfully Submitted,

Brian Spann
Laboratory Director
Spectrum Analytical, Inc. FL Division

Soil samples are reported on dry weight basis, unless otherwise noted.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. Spectrum Analytical, Inc. letters an reports are for the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials. This report shall not be reproduced except in full without written approval from Spectrum Analytical, Inc.

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Method 8082 PCB Organics 5
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QC Summary 21
Standards Data 32

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Addendum 61

Appendix 65
Raw Data Method 8082 66

End Of Report 143

EXECUTIVE SUMMARY - Detection Highlights

3505056

SAMPLE ID: JM22-QCWIPE1-011812

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aroclor-1260	10.0	0.99	UG/WIPE	SW8082

070212 1717

Organics

070212 1717

Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

070212 1717

Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

070212 1717

Method 8082 PCB Organics

070212 1717

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

Spectrum Analytical Inc. Lab Reference No./SDG: 3505056

Client: CH2M Hill

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis

IV. PREPARATION

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

All acceptance criteria were met

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

Spectrum Analytical Inc. Lab Reference No./SDG: 3505056

Client: CH2M Hill

Data was collected using dual column analysis. Results reported from the primary column if the %D between the two columns is >40%, data is coded.

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Spectrum Analytical Inc., both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE:**
02/07/2012

CASE NARRATIVE

Spectrum Analytical Inc. Lab Reference No./SDG: 3505056

Client: CH2M Hill

MANUAL INTEGRATION SUMMARY

The following analytes were manually integrated by the chemist.

Calibration Sample: CCV1047860 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047860 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047860 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047860 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047860 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047860 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047861 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047861 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047861 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047861 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047861 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047861 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047861 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047861 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047861 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047861 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047862 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047862 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047862 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505056

Client: CH2M Hill

Calibration Sample: CCV1047863 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047863 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047863 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047863 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047863 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047863 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047863 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047863 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047863 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1047863 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1044694 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1044694 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1044694 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1044694 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1044694 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1044694 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1044694 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1044694 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1044694 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1047866 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1047866 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505056

Client: CH2M Hill

Calibration Sample: SSC1047866 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1047866 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1047866 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1047866 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1047866 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1047866 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1047866 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1047866 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044683 Analyte: 1232-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044683 Analyte: 1232-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044683 Analyte: 1232-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044684 Analyte: 1242-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044684 Analyte: 1242-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044684 Analyte: 1242-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044684 Analyte: 1242-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044685 Analyte: 1248-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044685 Analyte: 1248-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044685 Analyte: 1248-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044685 Analyte: 1248-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044685 Analyte: 1248-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044686 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505056

Client: CH2M Hill

Calibration Sample: STD1044686 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044686 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044686 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044686 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044686 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044686 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044686 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044687 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044687 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044687 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044687 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044687 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044687 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044687 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044687 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044687 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044688 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044688 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044688 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044688 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044688 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505056

Client: CH2M Hill

Calibration Sample: STD1044688 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044688 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044688 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044688 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044689 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044689 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044689 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044689 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044689 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044689 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044689 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044689 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044689 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044690 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044690 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044690 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044690 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044690 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044690 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044690 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044690 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505056

Client: CH2M Hill

Calibration Sample: STD1044690 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044691 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044691 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044691 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044691 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044691 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044691 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044691 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044691 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044691 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047848 Analyte: 1221-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047848 Analyte: 1221-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047848 Analyte: 1254-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047848 Analyte: 1254-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047848 Analyte: 1254-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047848 Analyte: 1254-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047848 Analyte: 1254-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047849 Analyte: 1232-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047849 Analyte: 1232-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047849 Analyte: 1232-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047849 Analyte: 1232-5
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505056

Client: CH2M Hill

Calibration Sample: STD1047850 Analyte: 1242-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047850 Analyte: 1242-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047850 Analyte: 1242-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047850 Analyte: 1242-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047851 Analyte: 1248-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047851 Analyte: 1248-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047851 Analyte: 1248-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047851 Analyte: 1248-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047851 Analyte: 1248-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047852 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047852 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047852 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047852 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047852 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047852 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047852 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047852 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047852 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047852 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047853 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047853 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505056

Client: CH2M Hill

Calibration Sample: STD1047853 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047853 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047853 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047853 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047853 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047853 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047853 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047853 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047854 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047854 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047854 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047854 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047854 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047854 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047854 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047854 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047854 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047854 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047855 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047855 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047855 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505056

Client: CH2M Hill

Calibration Sample: STD1047855 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047855 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047855 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047855 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047855 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047855 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047855 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047856 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047856 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047856 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047856 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047856 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047856 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047856 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047856 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047857 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047857 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047857 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047857 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047857 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047857 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak

CASE NARRATIVE

Spectrum Analytical Inc. Lab Reference No./SDG: 3505056

Client: CH2M Hill

Calibration Sample: STD1047857 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047857 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047857 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047857 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak

These manual integrations have been reviewed and meet all criteria in accordance with Spectrum Analytical Inc.'s SOP regarding manual integration.

CHEMIST: **DATE: 02/07/2012**

Signature:
Name: Brian C. Spanh **Title:** Lab Director

SECTION LEADER:
DATE: 02/07/2012

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K /

Lab Code : PEL Case No. SAS No: SDG No.: 3505056

Method: 8082

EPA Sample No	Lab Sample ID
JM22-QCWIPE1-011812	350505601

070212 1718

8082 Sample Data

070212 1718

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

JM22-QCWIPE1-011812

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel

Lab Code : PEL Case No. SAS No: SDG No.: 3505056

Matrix: WIPE Lab Sample ID: 350505601 Lab File ID: 501812.D

Sample wt/vol: 1 Units: G Date Received: 01/19/12

Concentrated Extract Volume: 10 Date Extracted: 01/19/12

Level:(low/med) LOW Date Analyzed: 01/19/12 Time: 2351

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/WIPE

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.99	U	0.43	0.99
11096-82-5	Aroclor-1260	10		0.23	0.99
11104-28-2	Aroclor-1221	0.99	U	0.4	0.99
11141-16-5	Aroclor-1232	0.99	U	0.66	0.99
53469-21-9	Aroclor-1242	0.99	U	0.36	0.99
12672-29-6	Aroclor-1248	0.99	U	0.36	0.99
11097-69-1	Aroclor-1254	0.99	U	0.31	0.99

Results reported on Primary Column, if RPD >40% results flagged accordingly.

8082 QC Summary

070212 1718

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 114280MB

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K

Lab Code : PEL Case No.: SAS No: SDG No.: 3505056

Matrix: WIPE Lab Sample ID: 114280MB Lab File ID: 8041MB.D

Sample wt/vol: 1 Units: G Date Received: 01/19/12

Concentrated Extract Volume: 10 Date Extracted: 01/19/12

Level:(low/med) LOW Date Analyzed: 01/19/12 Time: 2321

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/WIPE

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.99	U	0.43	0.99
11096-82-5	Aroclor-1260	0.99	U	0.23	0.99
11104-28-2	Aroclor-1221	0.99	U	0.4	0.99
11141-16-5	Aroclor-1232	0.99	U	0.66	0.99
53469-21-9	Aroclor-1242	0.99	U	0.36	0.99
12672-29-6	Aroclor-1248	0.99	U	0.36	0.99
11097-69-1	Aroclor-1254	0.99	U	0.31	0.99

Results reported on Primary Column, if RPD >40% results flagged accordingly.

4

PCB ORGANIC METHOD BLANK SUMMARY

EPA Sample No.: 114280MB

Lab Name: Spectrum Analytical, Inc Contract: NAS Key West / JM-22 / Parcel K / 3

Lab Code : PEL Case No.: SAS No: SDG No.: 3505056

Lab File ID: 8041MB.D Lab Sample ID: 114280MB

Instrument ID: SECD04 Date Extracted: 01/19/12

Matrix: SOIL Date Analyzed: 01/19/12

Level:(low/med) LOW Time Analyzed: 2321

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	114281LCS	114281LCS	8041LCS.D	01/19/12	2336
2	JM22-QCWIPE1-011812	350505601	501812.D	01/19/12	2351

COMMENTS:

2A

WIPE PCB ORGANIC SURROGATE RECOVERY

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parce

Lab Code : PEL Case No. _____ SAS No: _____ SDG NO.: 3505056

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

EPA Sample NO.	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	TOT OUT
JM22-QCWIPE1-011812	81.0						0

Control Limits

S1 = Decachlorobiphenyl 33 - 140

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

Control limit source: (lab/method) METHOD

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Form II

070212 1718

2A

SOIL PCB ORGANIC SURROGATE RECOVERY

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parce

Lab Code : PEL Case No. _____ SAS No: _____ SDG NO.: 3505056

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

EPA Sample NO.	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	TOT OUT
114280MB	93.0						0
114281LCS	87.0						0

Control Limits

S1 = Decachlorobiphenyl 33 - 140

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

Control limit source: (lab/method) METHOD

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Form II

070212 1718

8

PCB ORGANIC ANALYTICAL SEQUENCE

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505056

GC Column: STX-CLP1 ID: 0.32 (mm) Init. Calib. Date: 12/28/11

Instrument ID: SECD04

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MIDCAL SURROGATE RT FROM INITIAL CALIBRATION
S1 : S2 :

	CLIENT SAMPLE NO	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	S1 RT	#	S2 RT	#
1	STD1044683	44134	32CAL3.D	12/28/11	1518				
2	STD1044684	42497	42CAL3.D	12/28/11	1533				
3	STD1044685	44340	48CAL3.D	12/28/11	1738				
4	STD1044682	44135	2154CAL3.D	12/28/11	1753				
5	STD1044691	44123	ACAL6.D	12/28/11	1808	8.33			
6	STD1044690	44124	ACAL5.D	12/28/11	1823	8.33			
7	STD1044689	44125	ACAL4.D	12/28/11	1838	8.33			
8	STD1044688	44126	ACAL3.D	12/28/11	1853	8.33			
9	STD1044687	44127	ACAL2.D	12/28/11	1908	8.33			
10	STD1044686	44128	ACAL1.D	12/28/11	1924	8.33			
11	SSC1044694	43164	ASEC.D	12/28/11	1939	8.33			
12	CCV1047860	44593	ACCV3.D	01/19/12	2050	8.33			
13	114280MB	114280MB	8041MB.D	01/19/12	2321	8.33			
14	114281LCS	114281LCS	8041LCS.D	01/19/12	2336	8.33			
15	JM22-QCWIPE1-011812	350505601	501812.D	01/19/12	2351	8.33			
16	CCV1047862	44593	ACCV4.D	01/20/12	0021	8.33			

QC LIMITS

S1 = Decachlorobiphenyl (+/- 0.2 MINUTES)

Column used to flag retention time values with an asterisk.

* Values outside of QC limits

070212 1718 FORM VIII

8

PCB ORGANIC ANALYTICAL SEQUENCE

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39547

Lab Code : PEL Case No.: SAS No: SDG No.: 3505056

GC Column: STX-CLP2 ID: 0.32 (mm) Init. Calib. Date: 12/28/11

Instrument ID: SECD04

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MIDCAL SURROGATE RT FROM INITIAL CALIBRATION
S1 : S2 :

	CLIENT SAMPLE NO	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
1	STD1047849	44134	32CAL3.D	12/28/11	1518		
2	STD1047850	42497	42CAL3.D	12/28/11	1533		
3	STD1047851	44340	48CAL3.D	12/28/11	1738		
4	STD1047848	44135	2154CAL3.D	12/28/11	1753		
5	STD1047857	44123	ACAL6.D	12/28/11	1808	8.68	
6	STD1047856	44124	ACAL5.D	12/28/11	1823	8.68	
7	STD1047855	44125	ACAL4.D	12/28/11	1838	8.68	
8	STD1047854	44126	ACAL3.D	12/28/11	1853	8.68	
9	STD1047853	44127	ACAL2.D	12/28/11	1908	8.68	
10	STD1047852	44128	ACAL1.D	12/28/11	1924	8.68	
11	SSC1047866	43164	ASEC.D	12/28/11	1939	8.68	
12	CCV1047861	44593	ACCV3.D	01/19/12	2050	8.68	
13	114280MB	114280MB	8041MB.D	01/19/12	2321	8.68	
14	114281LCS	114281LCS	8041LCS.D	01/19/12	2336	8.68	
15	JM22-QCWIPE1-011812	350505601	501812.D	01/19/12	2351	8.68	
16	CCV1047863	44593	ACCV4.D	01/20/12	0021	8.68	

QC LIMITS

S1 = Decachlorobiphenyl (+/- 0.2 MINUTES)

Column used to flag retention time values with an asterisk.

* Values outside of QC limits

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10

PCB ORGANIC DUAL COLUMN CONFIRMATION CHECK

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 3 | 114280MB

Lab Code : PEL Case No.: SAS No: SDG No.: 3505056

Lab Sample ID: 114280MB Date(s) Analyzed: 01/19/12 01/19/12

Instrumet ID (1): SECD04 Instrumet ID (2): SECD04

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

COMPOUND		COL	RT	EXP RT	DIFF	AREA	AMOUNT	CONC	%D
Decachlorobiphenyl	*	1	8.331	8.341	0.010	1912889	0.093	0.93	
		2	8.677	8.687	0.010	1837625	0.096	0.96	3.17

* Column used for quantitation

10

PCB ORGANIC DUAL COLUMN CONFIRMATION CHECK

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 3 | 114281LCS

Lab Code : PEL Case No.: SAS No: SDG No.: 3505056

Lab Sample ID: 114281LCS Date(s) Analyzed: 01/19/12 01/19/12

Instrumet ID (1): SECD04 Instrumet ID (2): SECD04

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

COMPOUND		COL	RT	EXP RT	DIFF	AREA	AMOUNT	CONC	%D
Aroclor-1016	*	1	9.000	9.000	0.000	1244922	0.93	9.3	
		2	8.000	8.000	0.000	3623044	0.98	9.8	5.24
Aroclor-1260	*	1	17.000	17.000	0.000	7877973	0.86	8.6	
		2	17.000	17.000	0.000	5233795	0.87	8.7	1.16
Decachlorobiphenyl	*	1	8.331	8.341	0.010	1788860	0.087	0.87	
		2	8.678	8.687	0.009	1717066	0.090	0.9	3.39

* Column used for quantitation

10

PCB ORGANIC DUAL COLUMN CONFIRMATION CHECK

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 3 JM22-QCWIPE1-011812

Lab Code : PEL Case No.: SAS No: SDG No.: 3505056

Lab Sample ID: 350505601 Date(s) Analyzed: 01/19/12 01/19/12

Instrumet ID (1): SECD04 Instrumet ID (2): SECD04

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

COMPOUND		COL	RT	EXP RT	DIFF	AREA	AMOUNT	CONC	%D
Aroclor-1260	*	1	17.000	17.000	0.000	9373570	1.0	10	
		2	17.000	17.000	0.000	6213030	1.0	10	0.00
Decachlorobiphenyl	*	1	8.331	8.341	0.010	1674309	0.081	0.81	
		2	8.677	8.687	0.010	1596389	0.084	0.84	3.64

* Column used for quantitation

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parce | 114281LCS

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 3505056

COMPOUND	SPIKE ADDED ug/wipe	LCS CONCENTRATION ug/wipe	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10	9.3	93.0			43 - 137
Aroclor-1260	10	8.6	86.0			48 - 154

Spike Recovery: 0 out of 2 outside limits

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

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Form III

8082 Standards Data

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6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505056

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

LAB FILE ID:	RRF0.006 =ACAL1.D	RRF0.02 =ACAL2.D
RRF0.1 =32CAL3.D	RRF0.2 =ACAL4.D	RRF0.4 =ACAL5.D

COMPOUND	RRF0.006	RRF0.02	RRF0.1	RRF0.2	RRF0.4
1260-1	11541500	11181200	10825950	10947575	11352567.5
1260-2	8196166.667	7573400	7228810	7259575	7495182.5
1260-3	6387333.333	5993250	5873560	5859490	6099870
1260-5	3968833.333	3792800	3372470	3298255	3305692.5
1016-1	857833.333	907600	877010	782390	773092.5
1016-2	1035000	1164100	1121790	1031505	996342.5
1016-3	2967166.667	2873500	2860890	2727555	2695312.5
1016-4	1416166.667	1292600	1333300	1248310	1214630
1016-5	738833.333	711950	708410	675320	673082.5
1260-4	18163500	16996350	16495750	16773575	17441862.5
1221-1			214505.882		
1221-2			131270.588		
1221-3			628088.235		
1232-1			209830		
1232-2			855950		
1232-3			510680		
1232-4			1380940		
1232-5			583370		
1242-1			595320		
1242-2			903350		
1242-3			2299150		
1242-4			1050860		
1242-5			989420		
1248-1			816870		
1248-2			865690		
1248-3			927920		
1248-4			1574670		
1248-5			3256010		
1254-1			1945140		
1254-2			4855730		
1254-3			2125190		
1254-4			4632870		
1254-5			6042230		

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505056

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

LAB FILE ID: RRF0.006 =ACAL1.D RRF0.02 =ACAL2.D
RRF0.1 =32CAL3.D RRF0.2 =ACAL4.D RRF0.4 =ACAL5.D

COMPOUND	RRF0.006	RRF0.02	RRF0.1	RRF0.2	RRF0.4
Decachlorobiphenyl(SURR)	24376333.33	22268900	19276520	18963650	19019810

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505056

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

LAB FILE ID: RRF0.5 =ACAL6.D

COMPOUND	RRF0.5				
1260-1	11765302				
1260-2	7744064				
1260-3	6241470				
1260-5	3401376				
1016-1	800362				
1016-2	1018388				
1016-3	2757382				
1016-4	1243338				
1016-5	676410				
1260-4	18046936				
1221-1					
1221-2					
1221-3					
1232-1					
1232-2					
1232-3					
1232-4					
1232-5					
1242-1					
1242-2					
1242-3					
1242-4					
1242-5					
1248-1					
1248-2					
1248-3					
1248-4					
1248-5					
1254-1					
1254-2					
1254-3					
1254-4					
1254-5					

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505056

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

LAB FILE ID: RRF0.5 =ACAL6.D

COMPOUND	RRF0.5				
Decachlorobiphenyl(SURR)	19566148				

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FORM VI

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PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505056

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

COMPOUND	CURVE	COEFFICIENTS AO	COEFFICIENTS A1	%RSD OR R^2
1260-1	AVRG		11269015.75	3.2
1260-2	AVRG		7582866.361	4.7
1260-3	AVRG		6075828.889	3.4
1260-5	AVRG		3523237.806	8.1
1016-1	AVRG		833047.9722	6.6
1016-2	AVRG		1061187.583	6.2
1016-3	AVRG		2813634.361	3.7
1016-4	AVRG		1291390.778	5.7
1016-5	AVRG		697334.3056	3.8
1260-4	AVRG		17319662.25	3.9
1221-1	AVRG		214505.8824	0
1221-2	AVRG		131270.5882	0
1221-3	AVRG		628088.2353	0
1232-1	AVRG		209830	0
1232-2	AVRG		855950	0
1232-3	AVRG		510680	0
1232-4	AVRG		1380940	0
1232-5	AVRG		583370	0
1242-1	AVRG		595320	0
1242-2	AVRG		903350	0
1242-3	AVRG		2299150	0
1242-4	AVRG		1050860	0
1242-5	AVRG		989420	0
1248-1	AVRG		816870	0
1248-2	AVRG		865690	0
1248-3	AVRG		927920	0
1248-4	AVRG		1574670	0
1248-5	AVRG		3256010	0
1254-1	AVRG		1945140	0
1254-2	AVRG		4855730	0
1254-3	AVRG		2125190	0
1254-4	AVRG		4632870	0

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505056

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

COMPOUND	CURVE	COEFFICIENTS AO	COEFFICIENTS A1	%RSD OR R^2
1254-5	AVRG		6042230	0
==========	==========	==========	==========	==========
Decachlorobiphenyl(SURR)	AVRG		20578560.22	10.9

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505056

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

Min RRF for SPCC(#) = 0 Max %RSD for CCC(*) = 0 %

LAB FILE ID: RT1: ACAL1.D RT2: ACAL2.D
RT3: 32CAL3.D RT4: ACAL4.D RT5: ACAL5.D

COMPOUND	RT1	RT2	RT3	RT4	RT5	MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
1260-1	6.340	6.340	6.339	6.338	6.338			
1260-2	6.614	6.615	6.614	6.613	6.613			
1260-3	6.800	6.800	6.799	6.799	6.799			
1260-5	7.815	7.813	7.813	7.813	7.812			
1016-1	3.852	3.851	3.847	3.845	3.841			
1016-2	4.257	4.258	4.258	4.255	4.253			
1016-3	4.739	4.736	4.733	4.732	4.729			
1016-4	4.859	4.860	4.858	4.855	4.853			
1016-5	5.292	5.291	5.290	5.289	5.288			
1260-4	7.027	7.026	7.026	7.026	7.025			
1221-1			3.600					
1221-2			3.789					
1221-3			3.842					
1232-1			3.599					
1232-2			3.841					
1232-3			4.254					
1232-4			4.733					
1232-5			4.857					
1242-1			3.844					
1242-2			4.255					
1242-3			4.732					
1242-4			4.856					
1242-5			4.917					
1248-1			4.739					
1248-2			5.022					
1248-3			5.296					
1248-4			5.499					
1248-5			5.564					
1254-1			5.560					
1254-2			5.720					
1254-3			5.935					
1254-4			6.024					
1254-5			6.221					
==========								
Decachlorobiphenyl(SURR)	8.327	8.328	8.328	8.328	8.328			

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505056

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

Min RRF for SPCC(#) = 0 Max %RSD for CCC(*) = 0 %

LAB FILE ID: RT6: ACAL6.D

COMPOUND	RT6					MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
1260-1	6.338					6.339	6.139	6.539
1260-2	6.614					6.614	6.414	6.814
1260-3	6.799					6.799	6.599	6.999
1260-5	7.812					7.813	7.613	8.013
1016-1	3.841					3.847	3.647	4.047
1016-2	4.253					4.258	4.058	4.458
1016-3	4.728					4.733	4.533	4.933
1016-4	4.854					4.858	4.658	5.058
1016-5	5.287					5.290	5.090	5.490
1260-4	7.024					7.026	6.826	7.226
1221-1						3.600	3.400	3.800
1221-2						3.789	3.589	3.989
1221-3						3.842	3.642	4.042
1232-1						3.599	3.399	3.799
1232-2						3.841	3.641	4.041
1232-3						4.254	4.054	4.454
1232-4						4.733	4.533	4.933
1232-5						4.857	4.657	5.057
1242-1						3.844	3.644	4.044
1242-2						4.255	4.055	4.455
1242-3						4.732	4.532	4.932
1242-4						4.856	4.656	5.056
1242-5						4.917	4.717	5.117
1248-1						4.739	4.539	4.939
1248-2						5.022	4.822	5.222
1248-3						5.296	5.096	5.496
1248-4						5.499	5.299	5.699
1248-5						5.564	5.364	5.764
1254-1						5.560	5.360	5.760
1254-2						5.720	5.520	5.920
1254-3						5.935	5.735	6.135
1254-4						6.024	5.824	6.224
1254-5						6.221	6.021	6.421
Decachlorobiphenyl(SURR)	8.329					8.328	8.128	8.528

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505056

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

LAB FILE ID: RRF0.006 =ACAL1.D RRF0.02 =ACAL2.D
RRF0.1 =32CAL3.D RRF0.2 =ACAL4.D RRF0.4 =ACAL5.D

COMPOUND	RRF0.006	RRF0.02	RRF0.1	RRF0.2	RRF0.4
1260-1	6110333.333	5739250	5507700	5476580	5452582.5
1260-2	5144666.667	4899450	4644690	4604125	4651457.5
1260-3	5073166.667	4829850	4593230	4616400	4680677.5
1260-5	2920666.667	2878400	2903180	2953210	3087665
1016-1	2158000	2128550	2082120	2090395	2092195
1016-2	3412833.333	3097600	3196310	3085170	2993350
1016-3	8380333.333	7809650	7450190	7349545	7225075
1016-4	3473166.667	3147750	2931910	2874085	2810107.5
1016-5	2600333.333	2419700	2271530	2234170	2227977.5
1260-4	12462500	12163650	12126190	12140775	12128122.5
1221-1			538817.647		
1221-2			330970.588		
1221-3			1257288.235		
1232-1			577790		
1232-2			1736470		
1232-3			1523000		
1232-4			709550		
1232-5			3301910		
1242-1			1279340		
1242-2			2579650		
1242-3			5990830		
1242-4			2381030		
1242-5			1519880		
1248-1			1660890		
1248-2			2072560		
1248-3			2722950		
1248-4			3172400		
1248-5			3729790		
1254-1			1432260		
1254-2			2932380		
1254-3			3293330		
1254-4			2527970		
1254-5			5304440		

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505056

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

LAB FILE ID: RRF0.006 =ACAL1.D RRF0.02 =ACAL2.D
RRF0.1 =32CAL3.D RRF0.2 =ACAL4.D RRF0.4 =ACAL5.D

COMPOUND	RRF0.006	RRF0.02	RRF0.1	RRF0.2	RRF0.4
Decachlorobiphenyl(SURR)	20497666.67	19241700	18316280	18370490	18618270

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505056

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

LAB FILE ID: RRF0.5 =ACAL6.D

COMPOUND	RRF0.5				
1260-1	5561732				
1260-2	4747560				
1260-3	4797344				
1260-5	3178864				
1016-1	2135668				
1016-2	3056646				
1016-3	7275776				
1016-4	2835352				
1016-5	2288108				
1260-4	12303916				
1221-1					
1221-2					
1221-3					
1232-1					
1232-2					
1232-3					
1232-4					
1232-5					
1242-1					
1242-2					
1242-3					
1242-4					
1242-5					
1248-1					
1248-2					
1248-3					
1248-4					
1248-5					
1254-1					
1254-2					
1254-3					
1254-4					
1254-5					

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505056

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

LAB FILE ID: RRF0.5 =ACAL6.D

COMPOUND	RRF0.5				
Decachlorobiphenyl(SURR)	19145416				

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FORM VI

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PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505056

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

COMPOUND	CURVE	COEFFICIENTS AO	COEFFICIENTS A1	%RSD OR R^2
1260-1	AVRG		5641362.972	4.5
1260-2	AVRG		4781991.528	4.3
1260-3	AVRG		4765111.361	3.7
1260-5	AVRG		2986997.611	4
1016-1	AVRG		2114488	1.4
1016-2	AVRG		3140318.222	4.7
1016-3	AVRG		7581761.556	5.8
1016-4	AVRG		3012061.861	8.5
1016-5	AVRG		2340303.139	6.2
1260-4	AVRG		12220858.92	1.1
1221-1	AVRG		538817.6471	0
1221-2	AVRG		330970.5882	0
1221-3	AVRG		1257288.235	0
1232-1	AVRG		577790	0
1232-2	AVRG		1736470	0
1232-3	AVRG		1523000	0
1232-4	AVRG		709550	0
1232-5	AVRG		3301910	0
1242-1	AVRG		1279340	0
1242-2	AVRG		2579650	0
1242-3	AVRG		5990830	0
1242-4	AVRG		2381030	0
1242-5	AVRG		1519880	0
1248-1	AVRG		1660890	0
1248-2	AVRG		2072560	0
1248-3	AVRG		2722950	0
1248-4	AVRG		3172400	0
1248-5	AVRG		3729790	0
1254-1	AVRG		1432260	0
1254-2	AVRG		2932380	0
1254-3	AVRG		3293330	0
1254-4	AVRG		2527970	0
1254-5	AVRG		5304440	0

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505056

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

COMPOUND	CURVE	COEFFICIENTS AO	COEFFICIENTS A1	%RSD OR R^2
Decachlorobiphenyl(SURR)	AVRG		19031637.11	4.3

070212 1718

FORM VI

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505056

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

Min RRF for SPCC(#) = Max %RSD for CCC(*) = %

LAB FILE ID: RT1: ACAL1.D RT2: ACAL2.D
RT3: 32CAL3.D RT4: ACAL4.D RT5: ACAL5.D

COMPOUND	RT1	RT2	RT3	RT4	RT5	MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
1260-1	6.406	6.406	6.405	6.406	6.405			
1260-2	6.718	6.719	6.718	6.718	6.718			
1260-3	6.943	6.943	6.943	6.943	6.943			
1260-5	7.975	7.976	7.974	7.975	7.974			
1016-1	3.961	3.964	3.963	3.963	3.958			
1016-2	4.397	4.398	4.398	4.398	4.395			
1016-3	4.837	4.837	4.836	4.835	4.834			
1016-4	4.956	4.957	4.956	4.955	4.953			
1016-5	5.344	5.346	5.345	5.344	5.343			
1260-4	7.122	7.123	7.123	7.123	7.123			
1221-1			3.715					
1221-2			3.886					
1221-3			3.959					
1232-1			3.716					
1232-2			3.960					
1232-3			4.396					
1232-4			4.640					
1232-5			4.834					
1242-1			3.960					
1242-2			4.396					
1242-3			4.835					
1242-4			4.955					
1242-5			5.046					
1248-1			4.816					
1248-2			5.116					
1248-3			5.343					
1248-4			5.634					
1248-5			5.672					
1254-1			5.115					
1254-2			5.669					
1254-3			5.801					
1254-4			6.057					
1254-5			6.140					

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505056

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

Min RRF for SPCC(#) = Max %RSD for CCC(*) = %

LAB FILE ID: RT1: ACAL1.D RT2: ACAL2.D
RT3: 32CAL3.D RT4: ACAL4.D RT5: ACAL5.D

COMPOUND	RT1	RT2	RT3	RT4	RT5	MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl(SURR)	8.682	8.683	8.683	8.683	8.683			

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505056

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

Min RRF for SPCC(#) = Max %RSD for CCC(*) = %

LAB FILE ID: RT6: ACAL6.D

COMPOUND	RT6					MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
1260-1	6.404					6.405	6.205	6.605
1260-2	6.718					6.718	6.518	6.918
1260-3	6.942					6.943	6.743	7.143
1260-5	7.974					7.974	7.774	8.174
1016-1	3.959					3.963	3.763	4.163
1016-2	4.394					4.398	4.198	4.598
1016-3	4.833					4.836	4.636	5.036
1016-4	4.953					4.956	4.756	5.156
1016-5	5.343					5.345	5.145	5.545
1260-4	7.122					7.123	6.923	7.323
1221-1						3.715	3.515	3.915
1221-2						3.886	3.686	4.086
1221-3						3.959	3.759	4.159
1232-1						3.716	3.516	3.916
1232-2						3.960	3.760	4.160
1232-3						4.396	4.196	4.596
1232-4						4.640	4.440	4.840
1232-5						4.834	4.634	5.034
1242-1						3.960	3.760	4.160
1242-2						4.396	4.196	4.596
1242-3						4.835	4.635	5.035
1242-4						4.955	4.755	5.155
1242-5						5.046	4.846	5.246
1248-1						4.816	4.616	5.016
1248-2						5.116	4.916	5.316
1248-3						5.343	5.143	5.543
1248-4						5.634	5.434	5.834
1248-5						5.672	5.472	5.872
1254-1						5.115	4.915	5.315
1254-2						5.669	5.469	5.869
1254-3						5.801	5.601	6.001
1254-4						6.057	5.857	6.257
1254-5						6.140	5.940	6.340

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505056

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

Min RRF for SPCC(#) = Max %RSD for CCC(*) = %

LAB FILE ID: RT6: ACAL6.D

COMPOUND	RT6					MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl(SURR)	8.682					8.683	8.483	8.883

7SSC

PCB ORGANIC SECONDARY SOURCE CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505056

Instrument ID: SECD04 CalibrationDate: 12/28/11 Time: 1939

CCV ID: SSC1044694 Lab File ID: ASEC.D Init. Calib. Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP1 ID: 0.32 (mm)

COMPOUND	Expected	Found	%D / %Drift	Curve Type
1260-1	11269016	12240760	8.6	AVRG
1260-2	7582866.4	8033680	5.9	AVRG
1260-3	6075828.9	6477510	6.6	AVRG
1260-5	3523237.8	3858000	9.5	AVRG
1016-1	833047.97	849730	2.0	AVRG
1016-2	1061187.6	1133170	6.8	AVRG
1016-3	2813634.4	3022110	7.4	AVRG
1016-4	1291390.8	1390690	7.7	AVRG
1016-5	697334.31	773340	10.9	AVRG
1260-4	17319662	18018590	4.0	AVRG
==========	==========	==========	==========	==========
Decachlorobiphenyl(SURR)	20578560	21584440	4.9	AVRG

7SSC

PCB ORGANIC SECONDARY SOURCE CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505056

Instrument ID: SECD04 CalibrationDate: 12/28/11 Time: 1939

CCV ID: SSC1047866 Lab File ID: ASEC.D Init. Calib. Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm)

COMPOUND	Expected	Found	%D / %Drift	Curve Type
1260-1	5641363	6076790	7.7	AVRG
1260-2	4781991.5	5124070	7.2	AVRG
1260-3	4765111.4	5069000	6.4	AVRG
1260-5	2986997.6	3401690	13.9	AVRG
1016-1	2114488	2250070	6.4	AVRG
1016-2	3140318.2	3400410	8.3	AVRG
1016-3	7581761.5	8039440	6.0	AVRG
1016-4	3012061.9	3188630	5.9	AVRG
1016-5	2340303.1	2482950	6.1	AVRG
1260-4	12220859	13039890	6.7	AVRG
==========				
Decachlorobiphenyl(SURR)	19031637	20381120	7.1	AVRG

7

PCB ORGANIC CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505056

Instrument ID: SECD04 CalibrationDate: 01/19/12 Time: 2050

CCV ID: CCV1047860 Lab File ID: ACCV3.D Init. Calib. Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP1 ID: 0.32 (mm)

COMPOUND	Expected	Found	%D / %Drift	Curve Type
1260-1	11269016	9535970	15.4	AVRG
1260-2	7582866.4	6998310	7.7	AVRG
1260-3	6075828.9	5400170	11.1	AVRG
1260-5	3523237.8	3231280	8.3	AVRG
1016-1	833047.97	886780	6.5	AVRG
1016-2	1061187.6	1136420	7.1	AVRG
1016-3	2813634.4	2887180	2.6	AVRG
1016-4	1291390.8	1395520	8.1	AVRG
1016-5	697334.31	676210	3.0	AVRG
1260-4	17319662	16517360	4.6	AVRG
==========	==========	==========	==========	==========
Decachlorobiphenyl(SURR)	20578560	19607660	4.7	AVRG

7

PCB ORGANIC CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505056

Instrument ID: SECD04 CalibrationDate: 01/19/12 Time: 2050

CCV ID: CCV1047861 Lab File ID: ACCV3.D Init. Calib. Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm)

COMPOUND	Expected	Found	%D / %Drift	Curve Type
1260-1	5641363	5190820	8.0	AVRG
1260-2	4781991.5	4189990	12.4	AVRG
1260-3	4765111.4	4581370	3.9	AVRG
1260-5	2986997.6	2790350	6.6	AVRG
1016-1	2114488	2192900	3.7	AVRG
1016-2	3140318.2	3554380	13.2	AVRG
1016-3	7581761.5	8316420	9.7	AVRG
1016-4	3012061.9	3260530	8.2	AVRG
1016-5	2340303.1	2382810	1.8	AVRG
1260-4	12220859	11098730	9.2	AVRG
==========				
Decachlorobiphenyl(SURR)	19031637	18540380	2.6	AVRG

7

PCB ORGANIC CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505056

Instrument ID: SECD04 CalibrationDate: 01/20/12 Time: 0021

CCV ID: CCV1047862 Lab File ID: ACCV4.D Init. Calib. Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP1 ID: 0.32 (mm)

COMPOUND	Expected	Found	%D / %Drift	Curve Type
1260-1	11269016	9749030	13.5	AVRG
1260-2	7582866.4	7148050	5.7	AVRG
1260-3	6075828.9	5548730	8.7	AVRG
1260-5	3523237.8	3360950	4.6	AVRG
1016-1	833047.97	889270	6.7	AVRG
1016-2	1061187.6	1174490	10.7	AVRG
1016-3	2813634.4	2944150	4.6	AVRG
1016-4	1291390.8	1424440	10.3	AVRG
1016-5	697334.31	687500	1.4	AVRG
1260-4	17319662	17060370	1.5	AVRG
==========	==========	==========	==========	==========
Decachlorobiphenyl(SURR)	20578560	20403540	0.9	AVRG

7

PCB ORGANIC CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505056

Instrument ID: SECD04 CalibrationDate: 01/20/12 Time: 0021

CCV ID: CCV1047863 Lab File ID: ACCV4.D Init. Calib. Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm)

COMPOUND	Expected	Found	%D / %Drift	Curve Type
1260-1	5641363	5332270	5.5	AVRG
1260-2	4781991.5	4323550	9.6	AVRG
1260-3	4765111.4	4767970	0.1	AVRG
1260-5	2986997.6	2867370	4.0	AVRG
1016-1	2114488	2203270	4.2	AVRG
1016-2	3140318.2	3627250	15.5	AVRG
1016-3	7581761.5	8479970	11.8	AVRG
1016-4	3012061.9	3306160	9.8	AVRG
1016-5	2340303.1	2432240	3.9	AVRG
1260-4	12220859	11528290	5.7	AVRG
==========	==========	==========	==========	==========
Decachlorobiphenyl(SURR)	19031637	19413180	2.0	AVRG

Chain of Custody Documentation

070212 1718

PEL

A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

~~3505018~~ MG

3505056 NJ

Page 2 of 2

Special Handling:
TAT- Indicate Date Needed: 1-20-12
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Bethany Garvey
CH2M HILL
- on file -

Project Mgr.: Amy Twitty

Invoice To: Amy Twitty
CH2M HILL
- on file -

P.O. No.: _____ RQN: _____

Project No.: 395479
Site Name: Parcel K
Location: NAS KW State: FL
Sampler(s): Nicole Monroe

1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9=_____ 10=_____ 11=_____

List preservative code below:

Notes:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= WIPE X2=_____ X3=_____

G=Grab C=Composite

QA/QC Reporting Level
☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☒ Other CH2M HILL Level C
State specific reporting standards:

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	PCBs 8082	Analyses:	Notes:
11	~~HFSB-D2WE-0204~~	~~1-18-12~~	~~1310~~	G	SO			1		X		~~2-4'~~
	~~HFSB-D2WE2-0.502~~	~~1-18-12~~	~~1340~~	G	SO			1		X		~~0.5-2' HOLD~~
	~~HFSB-D2WE2-0204~~	~~1-18-12~~	~~1400~~	G	SO			1		X		~~2-4' HOLD~~
	~~HFSB-D2WW2-0.502~~	~~1-18-12~~	~~1420~~	G	SO			1		X		~~0.5-2' HOLD~~
	~~HFSB-D2WW2-0204~~	~~1-18-12~~	~~1430~~	G	SO			1		X		~~2-4' HOLD~~
-01 ~~12~~	JM22-QCWIPE1-0118/2	1-18-12	1510	G	~~X~~ 1			1		X	Sample moved from SOG 3505018 MG 1/24/12	S WIPE PADS OFF OF mini-EX Equipment WIPE
-13	~~HFSB-FD1~~ NJ 1-19-12	~~1-18-12~~								X		

☐ E-mail to bgarvey@ch2m.com
EDD Format CH2M HILL

Condition upon receipt: ☒ Iced ☐ Ambient ☒ °C 2.8°C

Relinquished by:	Received by:	Date:	Time:
[signature]	Fed Ex	1-18-12	1600
FedEx	[signature]	1-19-12	07.45

8405 Benjamin Road, Suite A • Tampa, Florida 33634 • 813-888-9507 • FAX 813-889-7128 • www.pelab.com

SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	3505056	**Req:**	89810
Client:	CH2M Hill	**Project:**	JM-22
Level:	4	**Date Rec'd:**	1/19/2012 7:45:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	2/2/2012

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	2.8C	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Sufficient For Analysis**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):	Domestic	**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by SA?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
SA to Conduct ALL Analyses?	Yes		
Radioactivity Check?	No		
COC Present?	Yes		

LABEL REVIEW NJ

PEER REVIEW MG

Tuesday, January 24, 2012

Client: CH2M Hill

WONo: 3505056 Profile Name: NAS Key We Profile #: 89810

MATRIX P

Sample #	Bottle	Parameter	Check	Received	Date
01	001	8082 PCB	In	Nicole Labus	1/19/2012 7:45:00 AM
01	001	8082 PCB	Out	Christelle Abadia	1/19/2012 5:40:01 PM
01	001	8082 PCB	In	Christelle Abadia	1/23/2012 9:59:20 AM

Addendum

070212 1718

Letter of Acceptance

Customer Name: CH2M Hill

Date and Time Received: 1/19/2012 7:45:00 AM

Date to be Reported: 2/7/2012

Laboratory Submission Number/SDG: 3505056

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=3505056

Project: NAS Key West / JM-22 / Parcel K / 395479

Samples: The submission consisted of 1 samples, including QC, with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 8082.

Sample Custody/COC discrepancies:

None.

Notes:

JM22-QCWIPE1-011812 sample was moved from SDG 3505018

Distribution of Report to:

CH2M Hill
Attn: Kama White

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level: 4

Total of: 1 analyses on 1 samples (including QC) *25-Jan-12*

Report/SDG #: 3505056

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
JM22-QCWIPE1-011812	350505601		S	1/18/2012 3:10:00 PM	1/19/2012 7:45:00 AM

Method		
8082	PCB	8082

Mark Gudnason [Tampa]

From: Bethany.Garvey@CH2M.com
Sent: Tuesday, January 24, 2012 11:12 AM
To: Mark Gudnason [Tampa]; Camden.Robinson@CH2M.com
Subject: RE: NAS Key West Parcel K JM22: LOA3505018.pdf

Mark,

How awful would it be to move the wipe sample (3505018-12) to a different SDG and report it separately from the soil samples? I also wanted to point out that the LOA has the wipe sample matrix as "S".

Thanks,
Bethany

-----Original Message-----
From: Mark Gudnason [Tampa] [mailto:mgudnason@pelab.com]
Sent: Friday, January 20, 2012 1:13 PM
To: Garvey, Bethany/ATL; Robinson, Camden/ATL
Subject: NAS Key West Parcel K JM22: LOA3505018.pdf

Good afternoon.
Please review the attached LOA (Letter of Acceptance) for accuracy and let me know of any changes prior to reporting.

Please note:
1 - Sample HSFB-FD1 was received and added to the COC to analyze.
2 - 24 hr TAT on the soils and wipe, COB 1-20-12. The EB will be reported by 1-24-12.,

Thank you,
Mark

The message is ready to be sent with the following file or link attachments:

LOA3505018.pdf

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

Appendix

070212 1718

Raw Data Method 8082

SEQUENCE CHECK

SDG: 3505056 **Method:** 8082

SAMPLE ID	LAB ID	InitialCal Reference	FILE	BATCH	COL	INSTRUMENT	RUN DATE	DILUTION
STD1044683	44134	SECD0412/28/11-1924~E4122811	32CAL3.D	E4122811	1	SECD04	12/28/11 15:18	1
STD1047849	44134	SECD0412/28/11-1924~E4122811	32CAL3.D	E4122811	2	SECD04	12/28/11 15:18	1
STD1044684	42497	SECD0412/28/11-1924~E4122811	42CAL3.D	E4122811	1	SECD04	12/28/11 15:33	1
STD1047850	42497	SECD0412/28/11-1924~E4122811	42CAL3.D	E4122811	2	SECD04	12/28/11 15:33	1
STD1044685	44340	SECD0412/28/11-1924~E4122811	48CAL3.D	E4122811	1	SECD04	12/28/11 17:38	1
STD1047851	44340	SECD0412/28/11-1924~E4122811	48CAL3.D	E4122811	2	SECD04	12/28/11 17:38	1
STD1044682	44135	SECD0412/28/11-1924~E4122811	2154CAL3.D	E4122811	1	SECD04	12/28/11 17:53	1
STD1047848	44135	SECD0412/28/11-1924~E4122811	2154CAL3.D	E4122811	2	SECD04	12/28/11 17:53	1
STD1044691	44123	SECD0412/28/11-1924~E4122811	ACAL6.D	E4122811	1	SECD04	12/28/11 18:08	1
STD1047857	44123	SECD0412/28/11-1924~E4122811	ACAL6.D	E4122811	2	SECD04	12/28/11 18:08	1
STD1044690	44124	SECD0412/28/11-1924~E4122811	ACAL5.D	E4122811	1	SECD04	12/28/11 18:23	1
STD1047856	44124	SECD0412/28/11-1924~E4122811	ACAL5.D	E4122811	2	SECD04	12/28/11 18:23	1
STD1044689	44125	SECD0412/28/11-1924~E4122811	ACAL4.D	E4122811	1	SECD04	12/28/11 18:38	1
STD1047855	44125	SECD0412/28/11-1924~E4122811	ACAL4.D	E4122811	2	SECD04	12/28/11 18:38	1
STD1044688	44126	SECD0412/28/11-1924~E4122811	ACAL3.D	E4122811	1	SECD04	12/28/11 18:53	1
STD1047854	44126	SECD0412/28/11-1924~E4122811	ACAL3.D	E4122811	2	SECD04	12/28/11 18:53	1
STD1044687	44127	SECD0412/28/11-1924~E4122811	ACAL2.D	E4122811	1	SECD04	12/28/11 19:08	1
STD1047853	44127	SECD0412/28/11-1924~E4122811	ACAL2.D	E4122811	2	SECD04	12/28/11 19:08	1
STD1044686	44128	SECD0412/28/11-1924~E4122811	ACAL1.D	E4122811	1	SECD04	12/28/11 19:24	1
STD1047852	44128	SECD0412/28/11-1924~E4122811	ACAL1.D	E4122811	2	SECD04	12/28/11 19:24	1
SSC1044694	43164	SECD0412/28/11-1924~E4122811	ASEC.D	E4122811	1	SECD04	12/28/11 19:39	1
SSC1047866	43164	SECD0412/28/11-1924~E4122811	ASEC.D	E4122811	2	SECD04	12/28/11 19:39	1
CCV1047860	44593	SECD0412/28/11-1924~E4122811	ACCV3.D	E4011912	1	SECD04	01/19/12 20:50	1
CCV1047861	44593	SECD0412/28/11-1924~E4122811	ACCV3.D	E4011912	2	SECD04	01/19/12 20:50	1
114280MB	114280MB	SECD0412/28/11-1924~E4122811	8041MB.D	E4011912	1	SECD04	01/19/12 23:21	1
114280MB	114280MB	SECD0412/28/11-1924~E4122811	8041MB.D	E4011912	2	SECD04	01/19/12 23:21	1
114281LCS	114281LCS	SECD0412/28/11-1924~E4122811	8041LCS.D	E4011912	1	SECD04	01/19/12 23:36	1
114281LCS	114281LCS	SECD0412/28/11-1924~E4122811	8041LCS.D	E4011912	2	SECD04	01/19/12 23:36	1
JM22-QCWIPE1-011	350505601	SECD0412/28/11-1924~E4122811	501812.D	E4011912	1	SECD04	01/19/12 23:51	1
JM22-QCWIPE1-011	350505601	SECD0412/28/11-1924~E4122811	501812.D	E4011912	2	SECD04	01/19/12 23:51	1
CCV1047862	44593	SECD0412/28/11-1924~E4122811	ACCV4.D	E4011912	1	SECD04	01/20/12 00:21	1
CCV1047863	44593	SECD0412/28/11-1924~E4122811	ACCV4.D	E4011912	2	SECD04	01/20/12 00:21	1

Analyst Posted: Date

Analyst Reviewed: Date

Extraction Method	3580

Extraction Log 8082 Soil Ext

Batch ID 8041

Start: 1/19/2012 9:00:00 AM
End: 2/7/2012 10:48:20 AM

Water Bath Temp: 47 °C

Thermometer ID: tbvA **Balance ID:** P35923

Final

Batch ID: 8041

Lab ID	Cont	Client ID	Date Samp	Type	Odor	Color	Sed	Initial	Final	pH	Standards	Cleanups	Archive
114280MB		114280MB		MB	no	tan	sand	1 G	10 mL		1mL 81/82wkg_surr: 44637 @ 1.0 ug/mL;	Sulfur:39969@01/19/2012	ROKU
114281LCS		114281LCS		LCS	none	tan	sand	1 G	10 mL		1mL 8082wkg_spk: 44536 @ 10 ug/mL; 1mL 81/82wkg_surr: 44637 @ 1.0 ug/mL;	Sulfur:39969@01/19/2012	ROKU
350505601		JM22-QCWIPE1-01181	1/18/2012 3:10:00 PM	SAMPLE	none	white	whipe	1 G	10 mL		1mL 81/82wkg_surr: 44637 @ 1.0 ug/mL;	Sulfur:39969@01/25/2012	

3505056

Batch ID: 8041

Lab ID	Cont	Client ID	Date Samp	Type	Odor	Color	Sed	Initial	Final	pH	Standards	Cleanups	Archive

Final Solvent 44540

Signature:

Name: Christelle Abadia Title: Chemist 2/7/2012 10:48:20 AM

Analyst Posted cabadia Date

Signature:

Name: Duffie Young Title: Lab Technician 2/7/2012 10:50:37 AM

Peer Reviewed dyoung Date

1/20/2012 11:

Analyst Reviewed rortiz Date

3505056

Comments:

Sample Comments

Lab ID	Client ID	Comments
114280MB	114280MB	
114281LCS	114281LCS	
350505601	JM22-QCWIPE1-011812	

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
30431	8082_US1254_STK	Ultra EPA-1352	CD-2216	8/31/2015	1 ML	8/21/2009	spruskin
1000 UG/ML: Aroclor-1254							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
30731	8082_US1660_Stk	Ultra Scientific - PP	CD-0236	3/31/2014	1 ML	9/11/2009	jwood
1000 UG/ML: Aroclor-1016, Aroclor-1260							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
30899	8082_US1242_STK	Ultra PP-311	CE-3255	10/31/2016	1 ML	9/24/2009	spruskin
100 UG/ML: Aroclor-1242							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
32246	8082_RT1248_STK	Restek	A065176	2/28/2016	1 ML	12/22/2009	lkeene
1000 UG/ML: Aroclor-1248							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
34845	8082_US1221_STK	Ultra EPA-1292	CE-0015	2/29/2016	1 ML	6/8/2010	spruskin
1000 UG/ML: Aroclor-1221							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
37163	8082_US1232_STK	Ultra PP-301	CC-3294A	12/31/2013	1 ML	10/7/2010	lkeene
100 UG/ML: Aroclor-1232							

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
37165	8082_US1232_STK	Ultra PP-301	CC-3294A	12/31/2013	1 ML	10/7/2010	lkeene
100 UG/ML: Aroclor-1232							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
39785	8082_RK1660stk	Restek - 32039	A075005	6/30/2017	1 ML	2/23/2011	pconklin
1000 UG/ML: Aroclor-1016, Aroclor-1260							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
39786	8082_RK1660stk	Restek - 32039	A075005	6/30/2017	1 ML	2/23/2011	pconklin
1000 UG/ML: Aroclor-1016, Aroclor-1260							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
41047	Hex	Fisher Scientific	106327	4/27/2012	4 L	4/27/2011	fcolosi

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
41502	8081_SURRSP_STK	Ultra Scientific -ISM	CG-3165	10/31/2013	1 ML	5/23/2011	cabadia
200 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
42191	ACE	Fisher	108096	7/8/2016	32 L	7/8/2011	mpatel

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
42196	Hex	Fisher Scientific	110143	7/8/2016	32 L	7/8/2011	cabadia

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
42497	8082_acal3_wkg			7/26/2012	10 ML	7/28/2011	nsubar

0.5 UG/ML: Aroclor-1242

COMPOSED OF:

42191: 9500 UL 44777: 500 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43163	8082_seccv_int			3/23/2012	5 ML	9/23/2011	cabadia

1 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
10 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

39785: 50 UL 41047: 4925 UL 41502: 25 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43164	8082_sec_wkg			3/23/2012	5 ML	9/23/2011	cabadia

0.05 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
0.5 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

41047: 4750 UL 43163: 250 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43339	8081_SURRSP_STK	Ultra Scientific -ISM	CG-3165	10/31/2013	1 ML	10/11/2011	rortiz

200 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43341	8081_SURRSP_STK	Ultra Scientific -ISM	CG-3165	10/31/2013	1 ML	10/11/2011	rortiz

200 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43846	ACE	JT BAker	114486	11/17/2012	16 L	11/17/2011	dyoung

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43848	Hex	Fisher Scientific	115615	11/17/2012	16 L	11/17/2011	dyoung

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44100	Hex	Fisher Scientific	115118	12/19/2012	16 L	12/9/2011	treuter

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44122	8082_1660INT			6/12/2012	10 ML	12/12/2011	NSUBAR

1 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
10 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

30731: 100 UL 43339: 50 UL 44100: 9850 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44123	8082_acal6_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.25 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
2.5 UG/ML: Aroclor-1016, Aroclor-1260

STANDARDS LOG

COMPOSED OF:

44100: 3750 UL 44122: 1250 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44124	8082_acal5_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.2 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
2 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

44100: 4000 UL 44122: 1000 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44125	8082_acal4_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.1 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
1 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

44100: 4500 UL 44122: 500 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44126	8082_acal3_wkg			6/12/2012	10 ML	12/12/2011	NSUBAR

0.05 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
0.5 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

44100: 9500 UL 44122: 500 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44127	8082_acal2_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.01 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
0.1 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

44100: 4950 UL 44122: 50 UL

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44128	8082_acal1_wkg			6/12/2012	10 ML	12/12/2011	NSUBAR

0.003 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
0.03 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

44100: 9970 UL 44122: 30 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44130	2154_cal4_int			6/12/2012	10 ML	12/12/2011	NSUBAR

10 UG/ML: Aroclor-1221, Aroclor-1254

COMPOSED OF:

30431: 100 UL 34845: 100 UL 44100: 8900 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44132	1232_cal4_int			6/12/2012	5 ML	12/12/2011	NSUBAR

10 UG/ML: Aroclor-1232

COMPOSED OF:

37163: 200 UL 37165: 300 UL 44100: 4500 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44134	1232_cal3_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.5 UG/ML: Aroclor-1232

COMPOSED OF:

44100: 4750 UL 44132: 250 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44135	2154_cal3_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.5 UG/ML: Aroclor-1221, Aroclor-1254

COMPOSED OF:

44100: 4750 UL 44130: 250 UL

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44338	1248_cal4_int			6/28/2012	5 ML	12/28/2011	NSUBAR

10 UG/ML: Aroclor-1248

COMPOSED OF:

32246: 50 UL 44100: 4950 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44340	8082_acal3_wkg			6/28/2012	10 ML	12/28/2011	NSUBAR

0.5 UG/ML: Aroclor-1248

COMPOSED OF:

44100: 9500 UL 44338: 500 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44536	8082wkg_spk			7/10/2012	50 ML	1/10/2012	rortiz

10 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

39786: 500 UL 43846: 49.5 ML

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44593	8082_acal3_wkg			6/12/2012	10 ML	1/12/2012	NSUBAR

0.05 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
0.5 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

43848: 9500 UL 44122: 500 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44637	81/82wkg_surr			7/18/2012	100 ML	1/18/2012	rortiz

1 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene

COMPOSED OF:

43341: 0.5 ML 43846: 99.5 ML

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44777	1242_cal4_int			7/26/2012	5 ML	1/26/2012	nsubar

10 UG/ML: Aroclor-1242

COMPOSED OF:

30899: 500 UL 42196: 4500 UL

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\32CAL3.D
Report Date: 07-Feb-2012 11:55

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\32CAL3.D
Lab Smp Id: 44134 Client Smp ID: 32CAL3
Inj Date : 28-DEC-2011 15:18
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44134
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1232.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

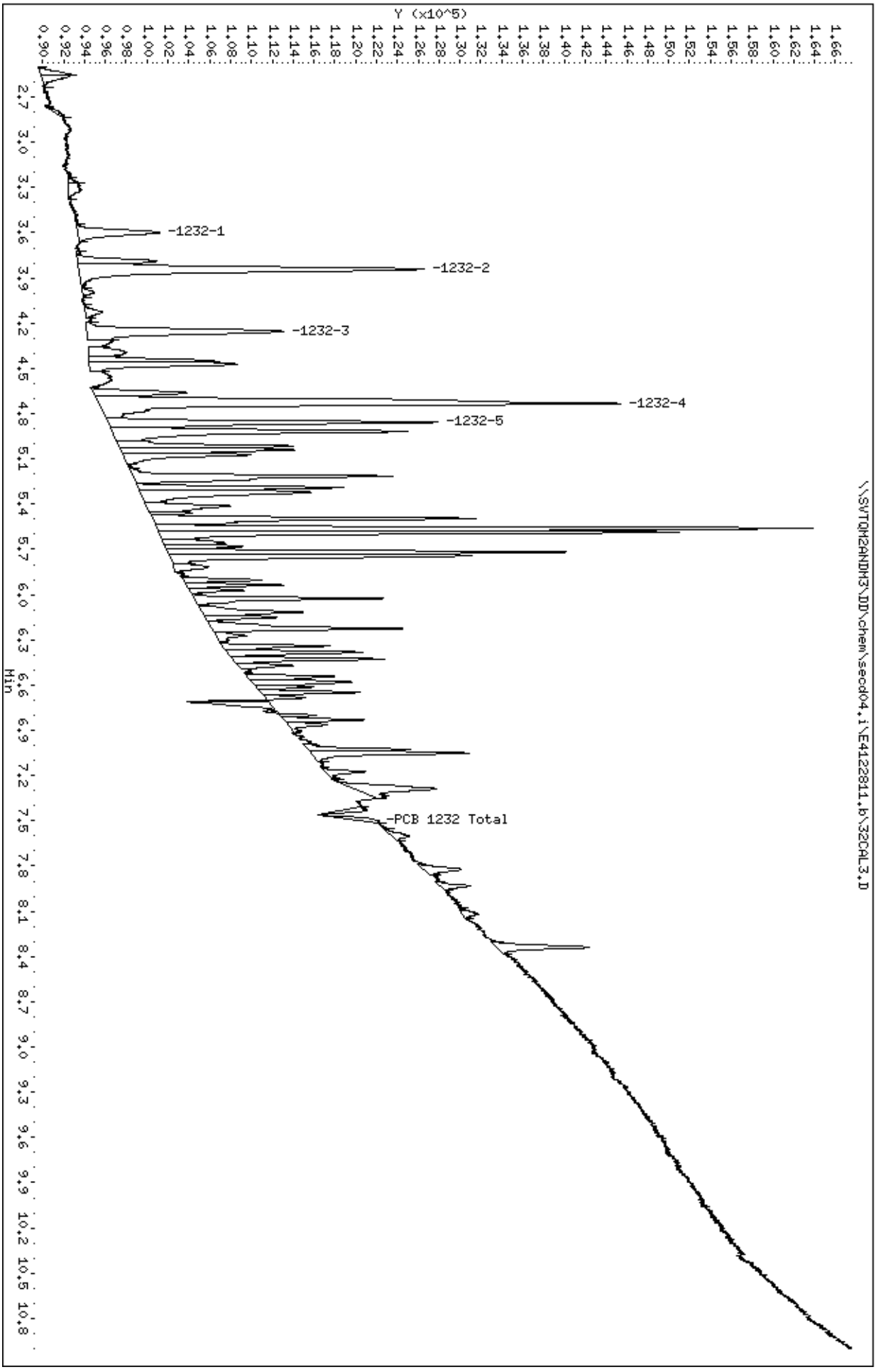
Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	19 1232-1	3.598	3.598	0.000	20983	0.10000	0.10
	20 1232-2	3.841	3.841	0.000	85595	0.10000	0.10
	21 1232-3	4.254	4.254	0.000	51068	0.10000	0.10(M)
	22 1232-4	4.732	4.732	0.000	138094	0.10000	0.10(M)
	23 1232-5	4.856	4.856	0.000	58337	0.10000	0.10(M)
M	24 PCB 1232 Total				354077	0.50000	0.50

QC Flag Legend

M - Compound response manually integrated.


Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\32CAL3.D
Date : 28-DEC-2011 15:18
Client ID: 32CAL3
Sample Info: 44134
Volume Injected (uL): 1.0
Column phase: STX-CLP1
Instrument: secd04.i
Operator: PEL Labs
Column diameter: 0.32
Y (x10^5)
-1232-1
-1232-2
-1232-3
-1232-4
-1232-5
-PCB 1232 Total
\\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\32CAL3.D
Min

Data File: 32CAL3.D
Report Date: 07-Feb-2012 11:55

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\32CAL3.D
Lab Smp Id: 44134 Client Smp ID: 32CAL3
Inj Date : 28-DEC-2011 15:18
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44134
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1232.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

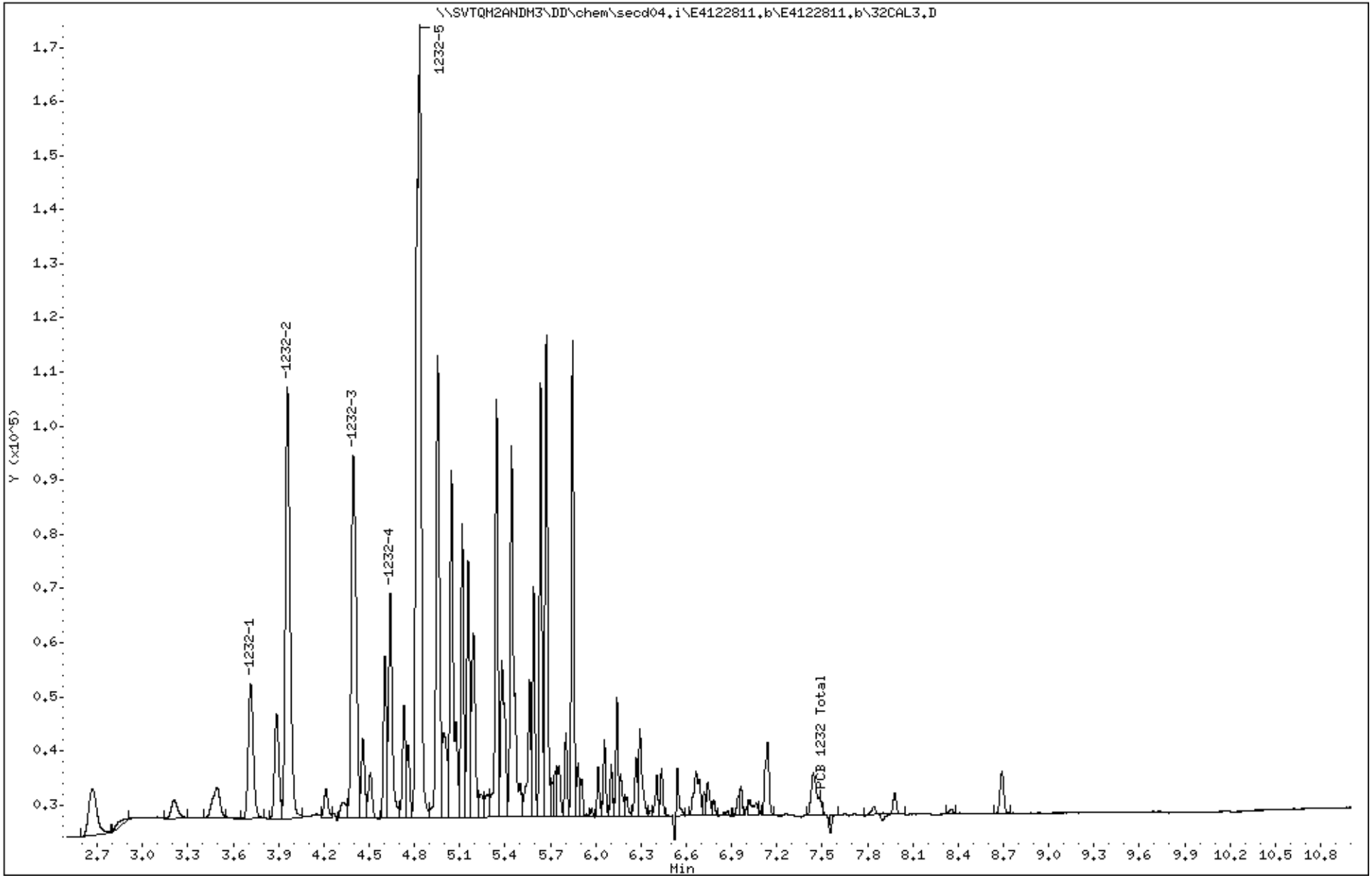
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	
19	1232-1	3.716	3.716	0.000	57779	0.10000		
20	1232-2	3.960	3.960	0.000	173647	0.10000		(M)
21	1232-3	4.396	4.396	0.000	152300	0.10000		(M)
22	1232-4	4.640	4.640	0.000	70955	0.10000		(M)
23	1232-5	4.834	4.834	0.000	330191	0.10000		(M)
M 24	PCB 1232 Total				784872	0.50000		

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\32CAL3.D
Date : 28-DEC-2011 15:18
Client ID: 32CAL3
Instrument: secd04.i
Sample Info: 44134
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\42CAL3.D
Report Date: 07-Feb-2012 11:55

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\42CAL3.D
Lab Smp Id: 42497 Client Smp ID: 42CAL3
Inj Date : 28-DEC-2011 15:33
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 42497
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1242.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

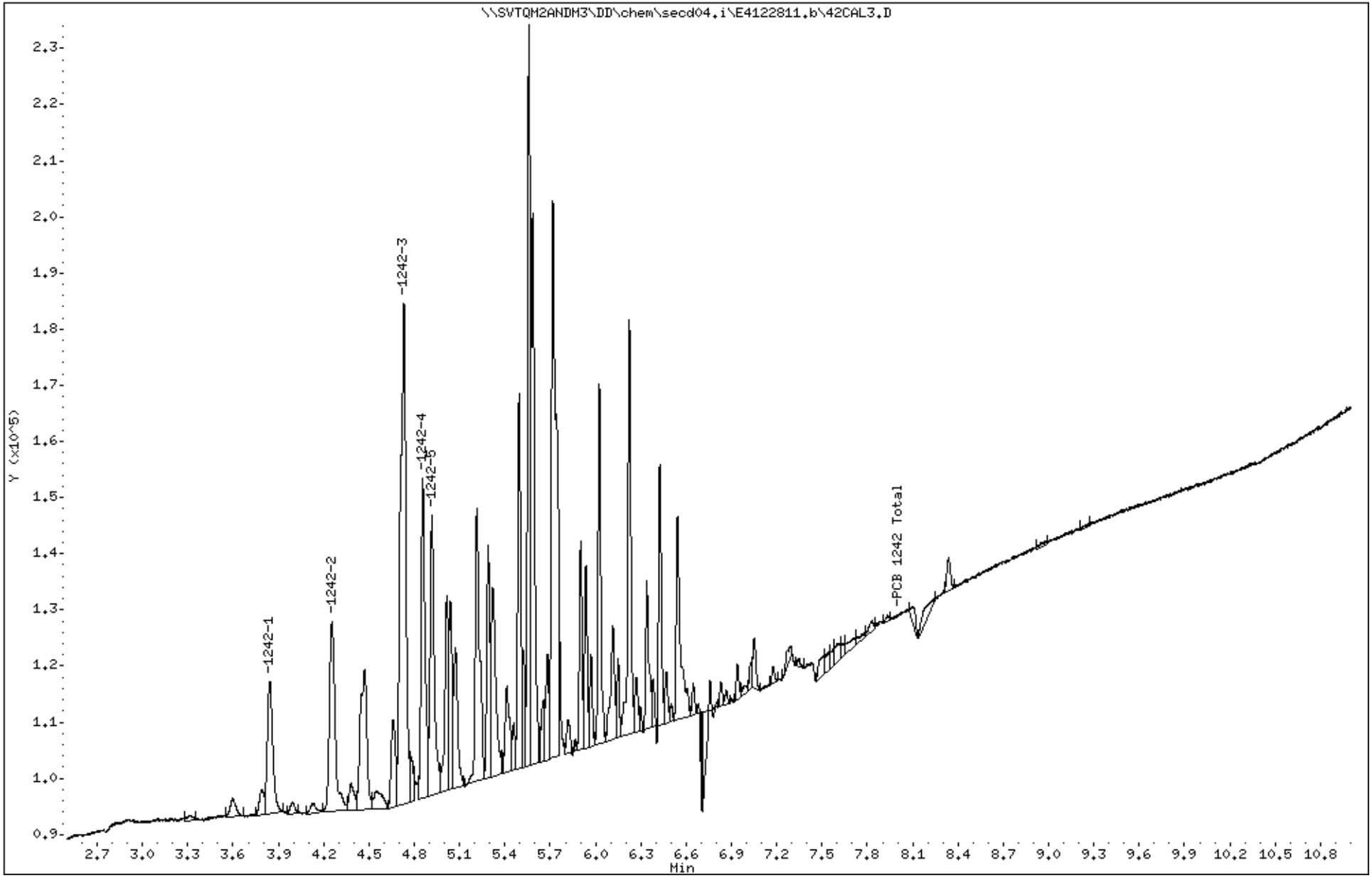
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	25 1242-1	3.844	3.844	0.000	59532	0.10000	0.10
	26 1242-2	4.254	4.254	0.000	90335	0.10000	0.10(M)
	27 1242-3	4.731	4.731	0.000	229915	0.10000	0.10(M)
	28 1242-4	4.855	4.855	0.000	105086	0.10000	0.10(M)
	29 1242-5	4.916	4.916	0.000	98942	0.10000	0.10(M)
M	30 PCB 1242 Total				583810	0.50000	0.50

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\42CAL3.D
Date : 28-DEC-2011 15:33
Client ID: 42CAL3
Instrument: secd04.i
Sample Info: 42497
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: 42CAL3.D
Report Date: 07-Feb-2012 11:55

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\42CAL3.D
Lab Smp Id: 42497 Client Smp ID: 42CAL3
Inj Date : 28-DEC-2011 15:33
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 42497
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1242.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

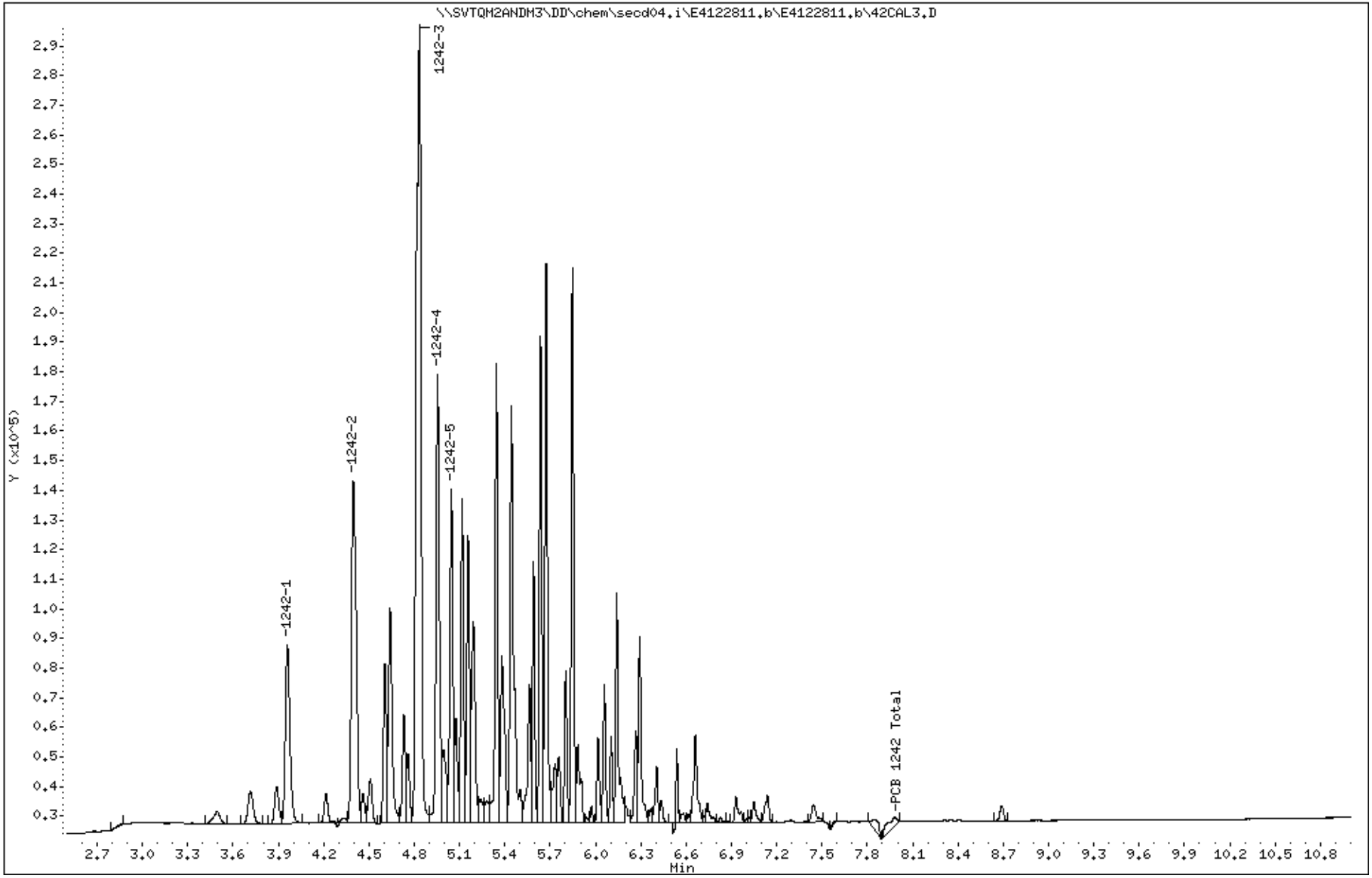
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	
	25 1242-1	3.959	3.959	0.000	127934	0.10000		
	26 1242-2	4.395	4.395	0.000	257965	0.10000		(M)
	27 1242-3	4.834	4.834	0.000	599083	0.10000		(M)
	28 1242-4	4.954	4.954	0.000	238103	0.10000		(M)
	29 1242-5	5.045	5.045	0.000	151988	0.10000		(M)
M	30 PCB 1242 Total				1375073	0.50000		

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\42CAL3.D
Date : 28-DEC-2011 15:33
Client ID: 42CAL3
Instrument: secd04.i
Sample Info: 42497
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\48CAL3.D
Report Date: 07-Feb-2012 11:55

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\48CAL3.D
Lab Smp Id: 44340 Client Smp ID: 48CAL3
Inj Date : 28-DEC-2011 17:38
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44340
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1248.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

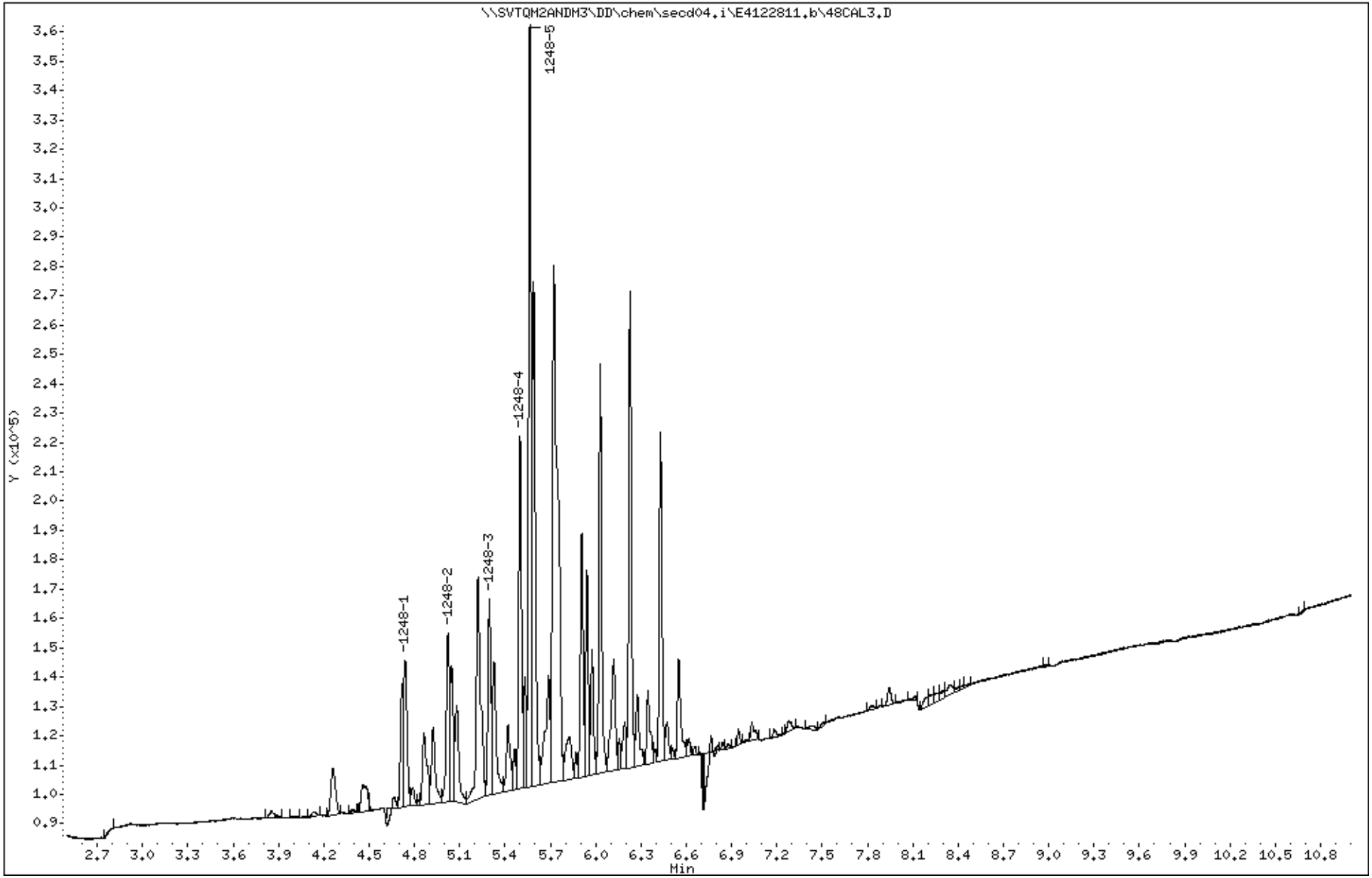
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	31 1248-1	4.739	4.739	0.000	81687	0.10000	0.10(M)
	32 1248-2	5.021	5.021	0.000	86569	0.10000	0.10(M)
	33 1248-3	5.295	5.295	0.000	92792	0.10000	0.10(M)
	34 1248-4	5.499	5.499	0.000	157467	0.10000	0.10(M)
	35 1248-5	5.564	5.564	0.000	325601	0.10000	0.10(M)
M	36 PCB 1248 Total				744116	0.50000	0.50

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\48CAL3.D
Date : 28-DEC-2011 17:38
Client ID: 48CAL3
Instrument: secd04.i
Sample Info: 44340
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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Data File: 48CAL3.D
Report Date: 07-Feb-2012 11:55

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\48CAL3.D
Lab Smp Id: 44340 Client Smp ID: 48CAL3
Inj Date : 28-DEC-2011 17:38
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44340
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1248.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

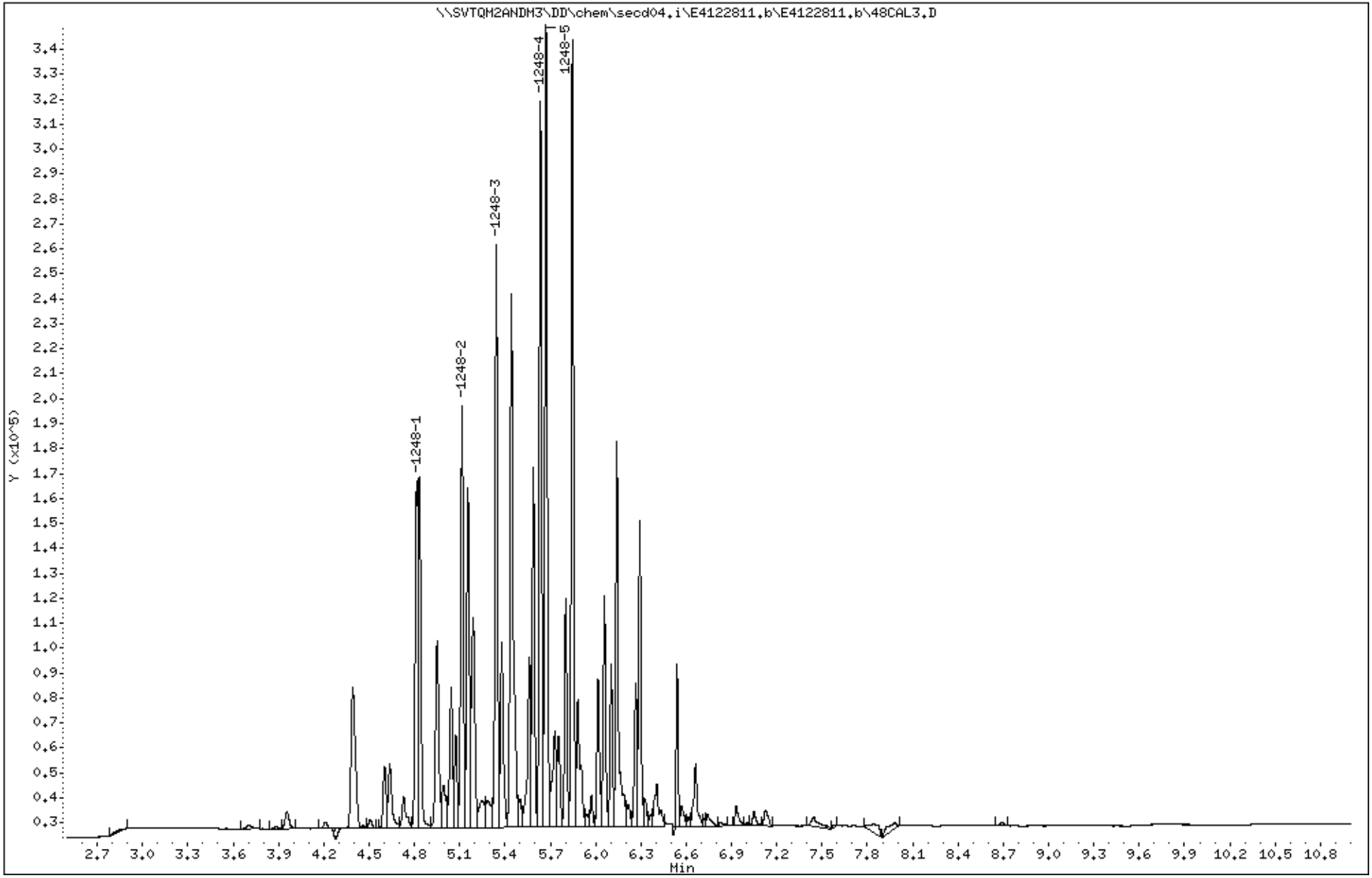
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	
	31 1248-1	4.815	4.815	0.000	166089	0.10000		(M)
	32 1248-2	5.115	5.115	0.000	207256	0.10000		(M)
	33 1248-3	5.342	5.342	0.000	272295	0.10000		(M)
	34 1248-4	5.634	5.634	0.000	317240	0.10000		(M)
	35 1248-5	5.671	5.671	0.000	372979	0.10000		(M)
M	36 PCB 1248 Total				1335859	0.50000		

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\48CAL3.D
Date : 28-DEC-2011 17:38
Client ID: 48CAL3
Instrument: secd04.i
Sample Info: 44340
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\2154CAL3.D
Report Date: 07-Feb-2012 11:55

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METHOD 8082

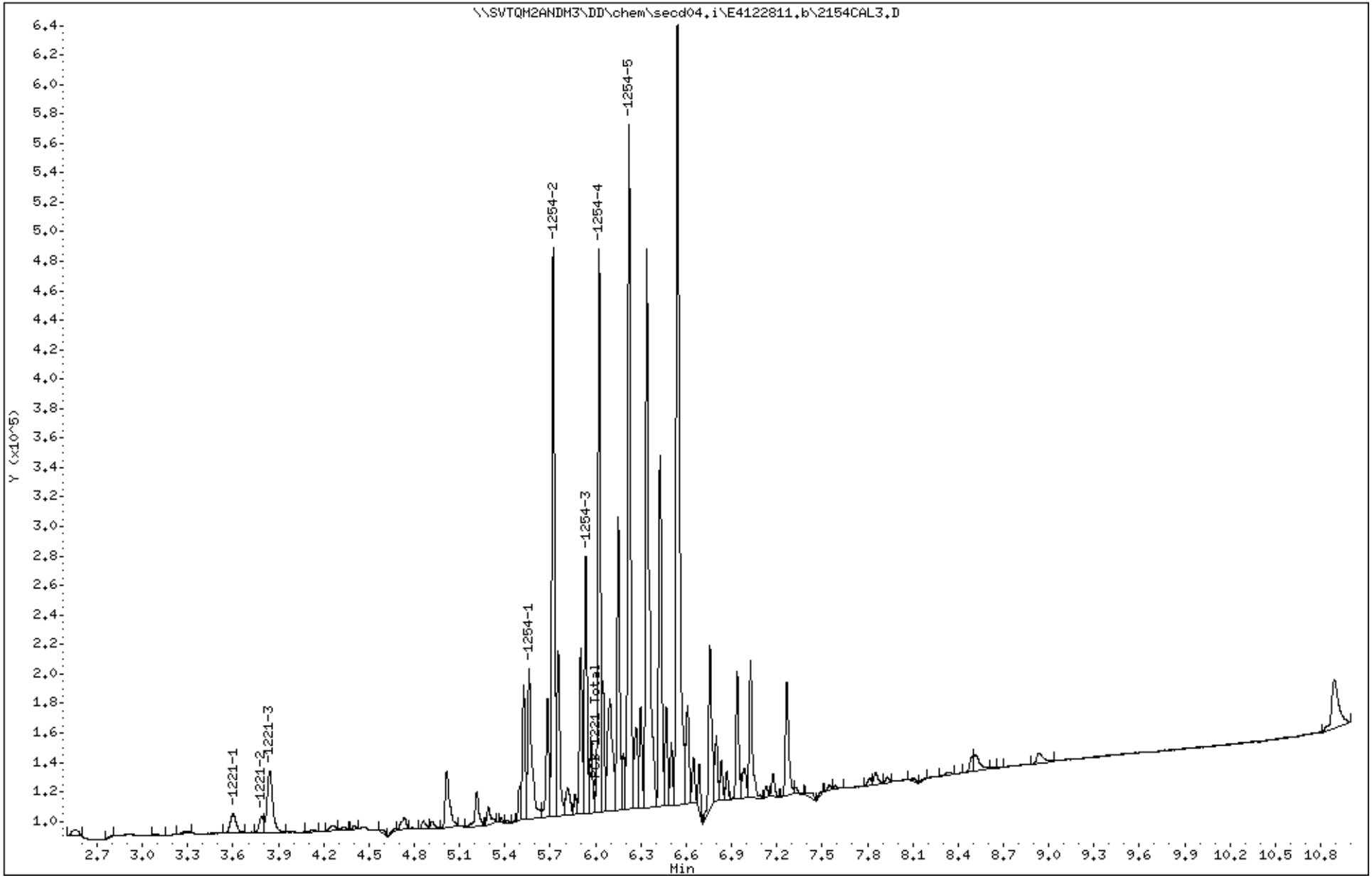
Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\2154CAL3.D
Lab Smp Id: 44135 Client Smp ID: 2154CAL3
Inj Date : 28-DEC-2011 17:53
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44135
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2154.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	13 1221-1	3.600	3.600	0.000	36466	0.17000	0.17
	14 1221-2	3.788	3.788	0.000	22316	0.17000	0.17
	15 1221-3	3.842	3.842	0.000	106775	0.17000	0.17
M	18 PCB 1221 Total				165557	0.50000	0.51
	37 1254-1	5.559	5.559	0.000	194514	0.10000	0.10
	38 1254-2	5.719	5.719	0.000	485573	0.10000	0.10
	39 1254-3	5.935	5.935	0.000	212519	0.10000	0.10
	40 1254-4	6.023	6.023	0.000	463287	0.10000	0.10
	41 1254-5	6.221	6.221	0.000	604223	0.10000	0.10
M	42 PCB 1254 Total				1960116	0.50000	0.50

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\2154CAL3.D
Date : 28-DEC-2011 17:53
Client ID: 2154CAL3
Instrument: secd04.i
Sample Info: 44135
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: 2154CAL3.D
Report Date: 07-Feb-2012 11:55

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\2154CAL3.D
Lab Smp Id: 44135 Client Smp ID: 2154CAL3
Inj Date : 28-DEC-2011 17:53
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44135
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2154.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

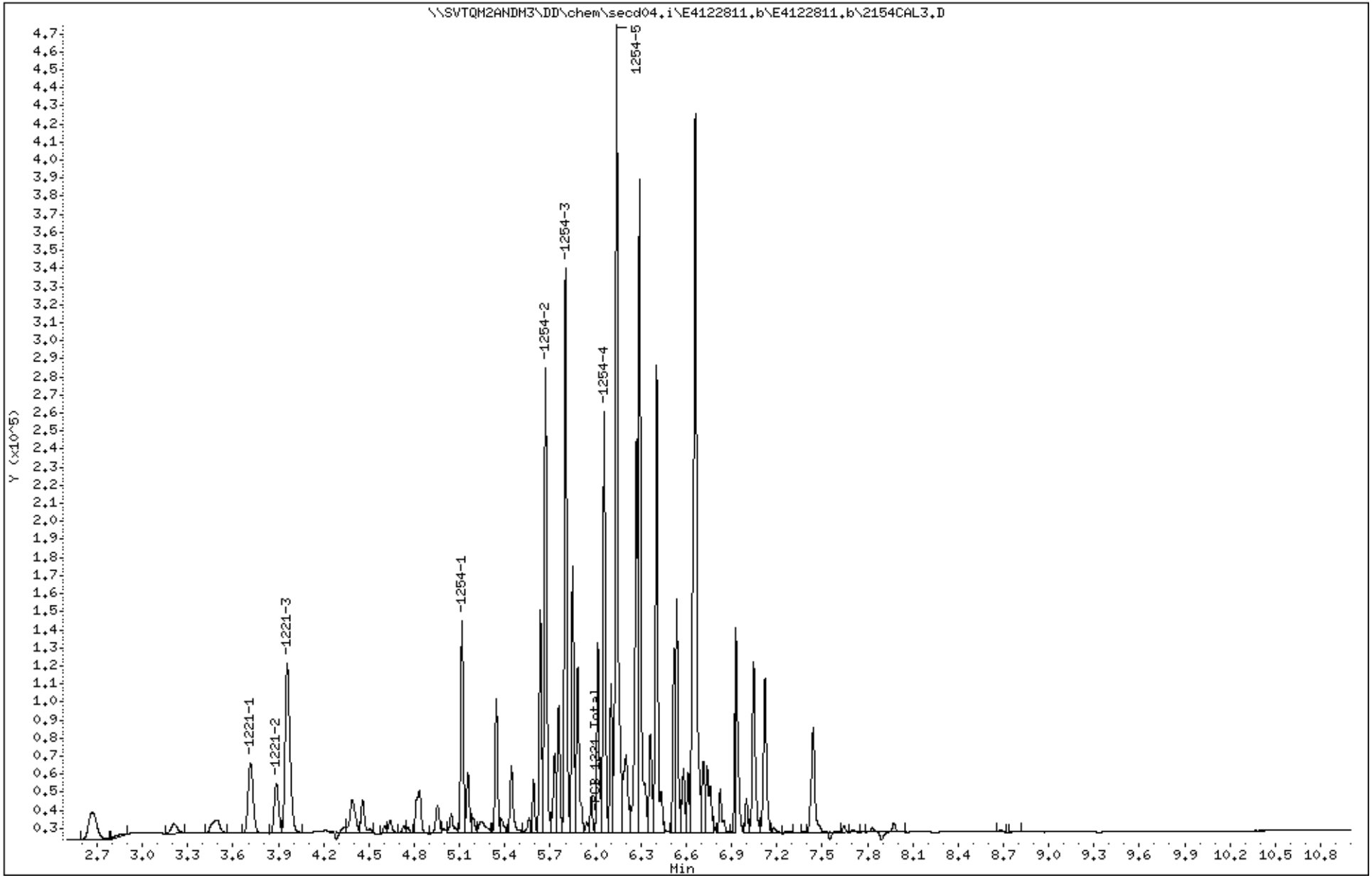
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	
	13 1221-1	3.715	3.715	0.000	91599	0.17000		
	14 1221-2	3.886	3.886	0.000	56265	0.17000		(M)
	15 1221-3	3.958	3.958	0.000	213739	0.17000		(M)
M	18 PCB 1221 Total				361603	0.50000		
	37 1254-1	5.115	5.115	0.000	143226	0.10000		(M)
	38 1254-2	5.668	5.668	0.000	293238	0.10000		(M)
	39 1254-3	5.801	5.801	0.000	329333	0.10000		(M)
	40 1254-4	6.057	6.057	0.000	252797	0.10000		(M)
	41 1254-5	6.139	6.139	0.000	530444	0.10000		(M)
M	42 PCB 1254 Total				1549038	0.50000		

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\2154CAL3.D
Date : 28-DEC-2011 17:53
Client ID: 2154CAL3 Instrument: secd04.i
Sample Info: 44135
Volume Injected (uL): 1.0 Operator: PEL Labs
Column phase: STX-CLP2 Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL6.D
Report Date: 07-Feb-2012 11:55

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL6.D
Lab Smp Id: 44123 Client Smp ID: ACAL6
Inj Date : 28-DEC-2011 18:08
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44123
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

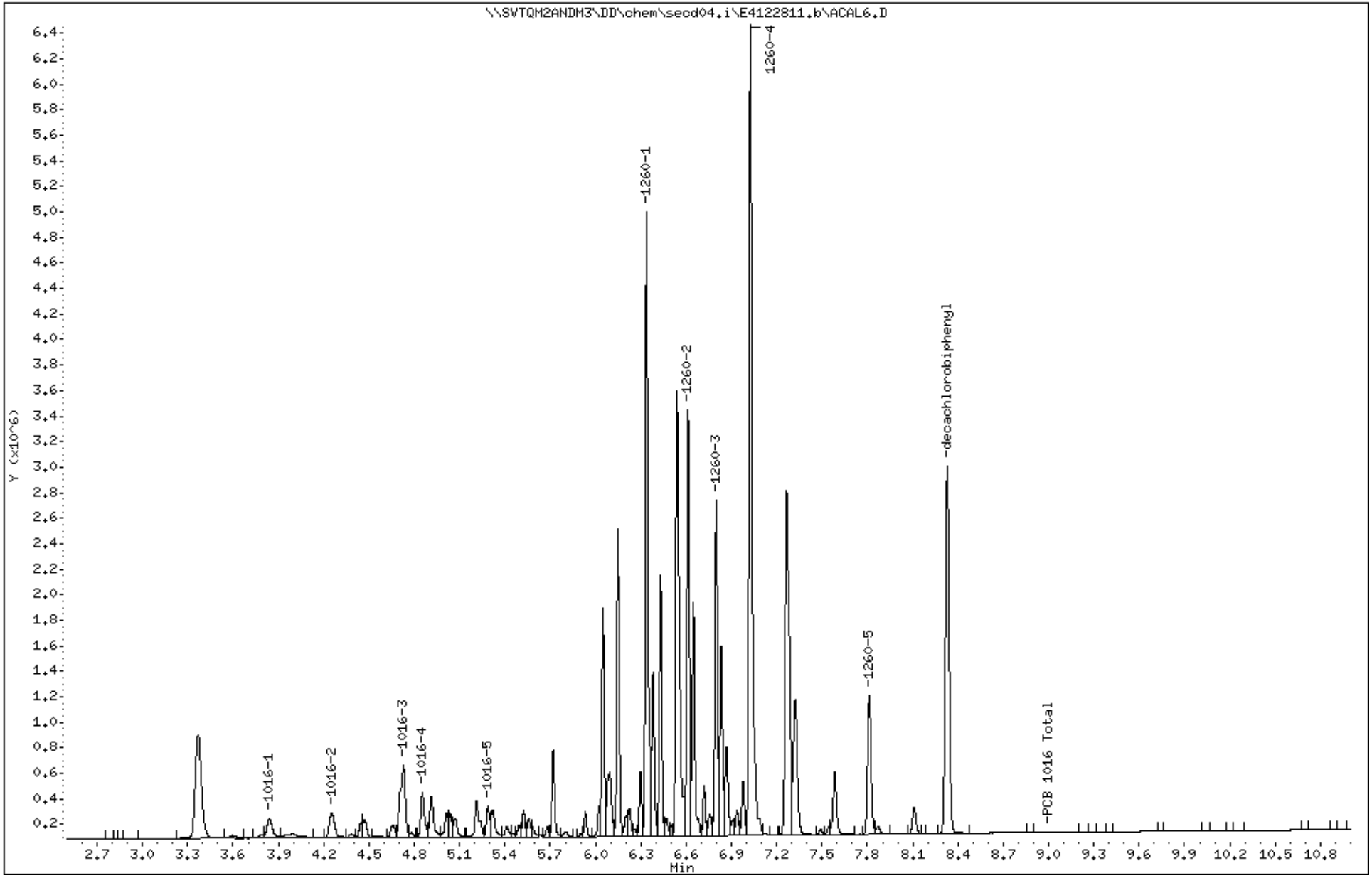
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.841	3.853	-0.012	400181	0.50000	0.48(M)
	2 1016-2	4.252	4.265	-0.013	509194	0.50000	0.48(M)
	3 1016-3	4.727	4.739	-0.012	1378691	0.50000	0.49(M)
	4 1016-4	4.853	4.863	-0.010	621669	0.50000	0.48(M)
	5 1016-5	5.286	5.296	-0.010	338205	0.50000	0.48(M)
M	6 PCB 1016 Total				3247940	2.50000	2.4
	7 1260-1	6.337	6.346	-0.009	5882651	0.50000	0.52(M)
	8 1260-2	6.613	6.622	-0.009	3872032	0.50000	0.51(M)
	9 1260-3	6.798	6.807	-0.009	3120735	0.50000	0.51(M)
	10 1260-4	7.024	7.034	-0.010	9023468	0.50000	0.52(M)
	11 1260-5	7.811	7.822	-0.011	1700688	0.50000	0.48
M	12 PCB 1260 Total				23599574	2.50000	2.5
$	45 decachlorobiphenyl	8.328	8.341	-0.013	4891537	0.25000	0.24

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL6.D
Date : 28-DEC-2011 18:08
Client ID: ACAL6
Instrument: secd04.i
Sample Info: 44123
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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Data File: ACAL6.D
Report Date: 07-Feb-2012 11:55

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL6.D
Lab Smp Id: 44123 Client Smp ID: ACAL6
Inj Date : 28-DEC-2011 18:08
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44123
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

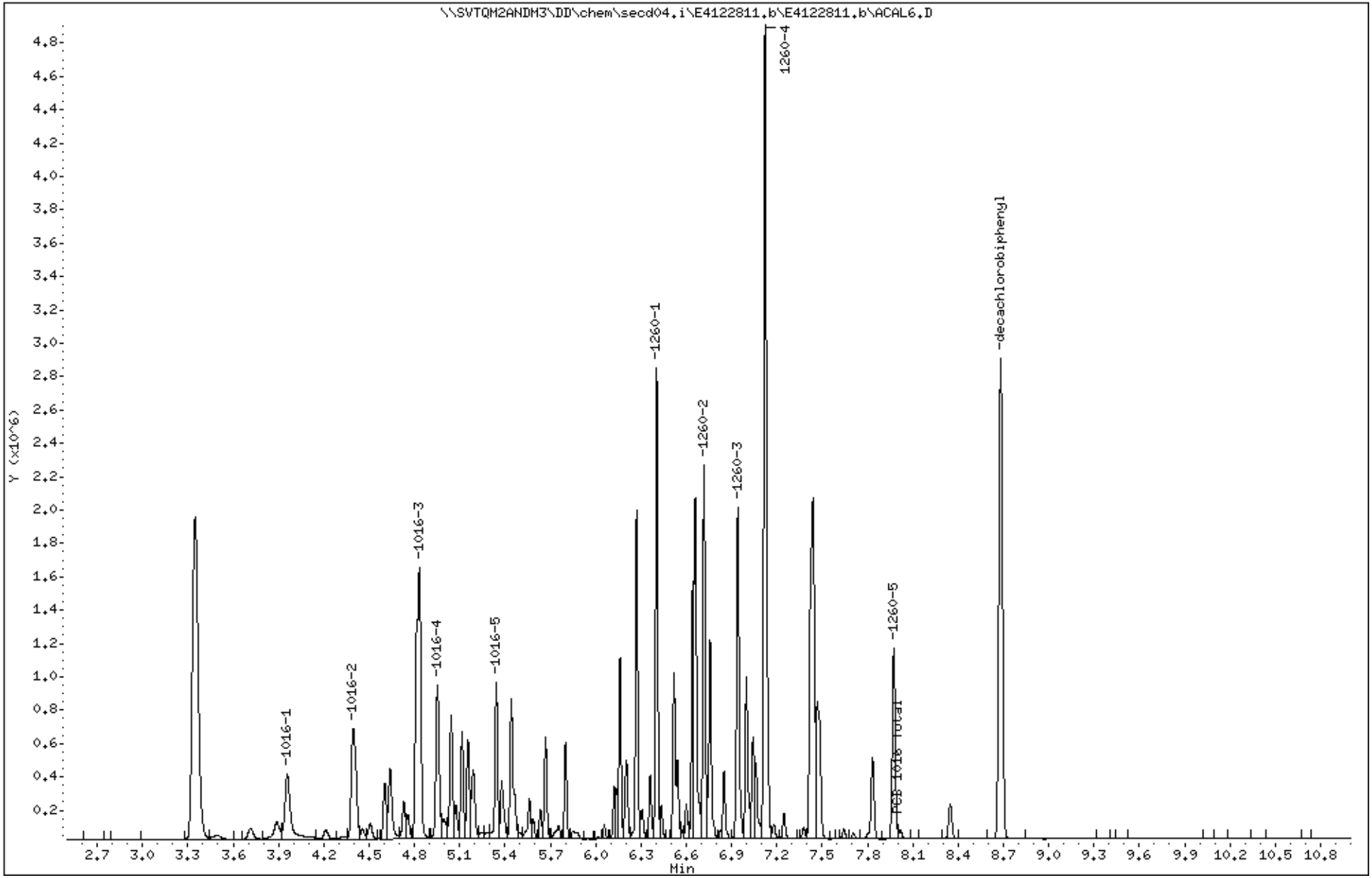
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.958	3.957	0.001	1067834	0.50000	0.50(M)
	2 1016-2	4.394	4.395	-0.001	1528323	0.50000	0.49(M)
	3 1016-3	4.832	4.833	-0.001	3637888	0.50000	0.48(M)
	4 1016-4	4.952	4.953	-0.001	1417676	0.50000	0.47(M)
	5 1016-5	5.342	5.343	-0.001	1144054	0.50000	0.62(M)
M	6 PCB 1016 Total				8795775	2.50000	2.6
	7 1260-1	6.404	6.406	-0.002	2780866	0.50000	0.49(M)
	8 1260-2	6.717	6.719	-0.002	2373780	0.50000	0.50(M)
	9 1260-3	6.941	6.944	-0.003	2398672	0.50000	0.50(M)
	10 1260-4	7.121	7.124	-0.003	6151958	0.50000	0.50(M)
	11 1260-5	7.974	7.977	-0.003	1589432	0.50000	0.53(M)
M	12 PCB 1260 Total				15294708	2.50000	2.5
$	45 decachlorobiphenyl	8.681	8.687	-0.006	4786354	0.25000	0.25

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL6.D
Date : 28-DEC-2011 18:08
Client ID: ACAL6
Instrument: secd04.i
Sample Info: 44123
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL5.D
Report Date: 07-Feb-2012 11:55

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL5.D
Lab Smp Id: 44124 Client Smp ID: ACAL5
Inj Date : 28-DEC-2011 18:23
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44124
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 9 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

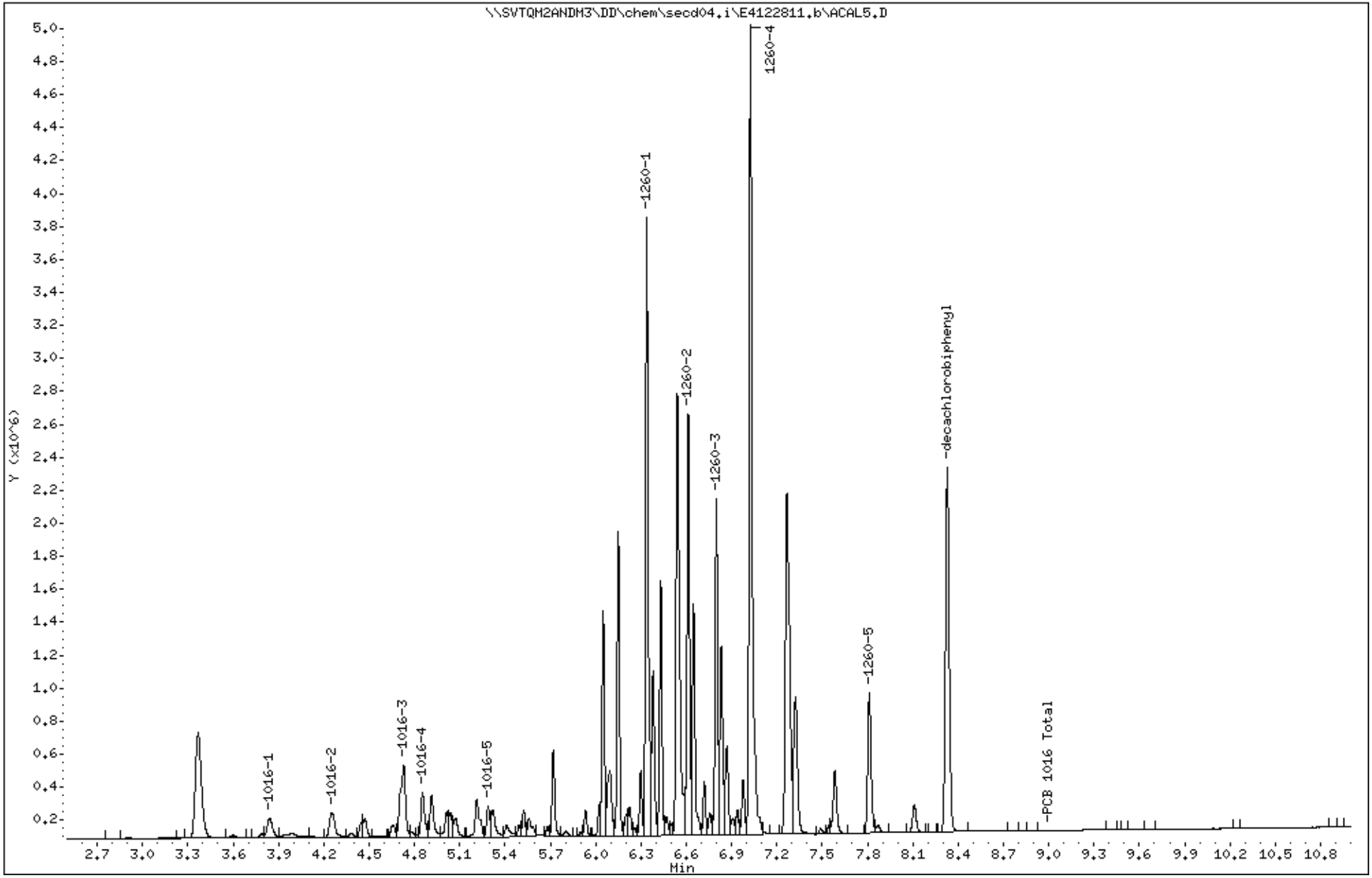
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	1 1016-1	3.840	3.853	-0.013	309237	0.40000	0.37(M)
	2 1016-2	4.253	4.265	-0.012	398537	0.40000	0.38(M)
	3 1016-3	4.729	4.739	-0.010	1078125	0.40000	0.38(M)
	4 1016-4	4.853	4.863	-0.010	485852	0.40000	0.38(M)
	5 1016-5	5.287	5.296	-0.009	269233	0.40000	0.39(M)
M	6 PCB 1016 Total				2540984	2.00000	1.9
	7 1260-1	6.338	6.346	-0.008	4541027	0.40000	0.40(M)
	8 1260-2	6.613	6.622	-0.009	2998073	0.40000	0.40(M)
	9 1260-3	6.799	6.807	-0.008	2439948	0.40000	0.40(M)
	10 1260-4	7.025	7.034	-0.009	6976745	0.40000	0.40(M)
	11 1260-5	7.811	7.822	-0.011	1322277	0.40000	0.38
M	12 PCB 1260 Total				18278070	2.00000	2.0
$	45 decachlorobiphenyl	8.328	8.341	-0.013	3803962	0.20000	0.18

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL5.D
Date : 28-DEC-2011 18:23
Client ID: ACAL5
Instrument: secd04.i
Sample Info: 44124
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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3505056

Data File: ACAL5.D
Report Date: 07-Feb-2012 11:55

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL5.D
Lab Smp Id: 44124 Client Smp ID: ACAL5
Inj Date : 28-DEC-2011 18:23
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44124
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 9 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

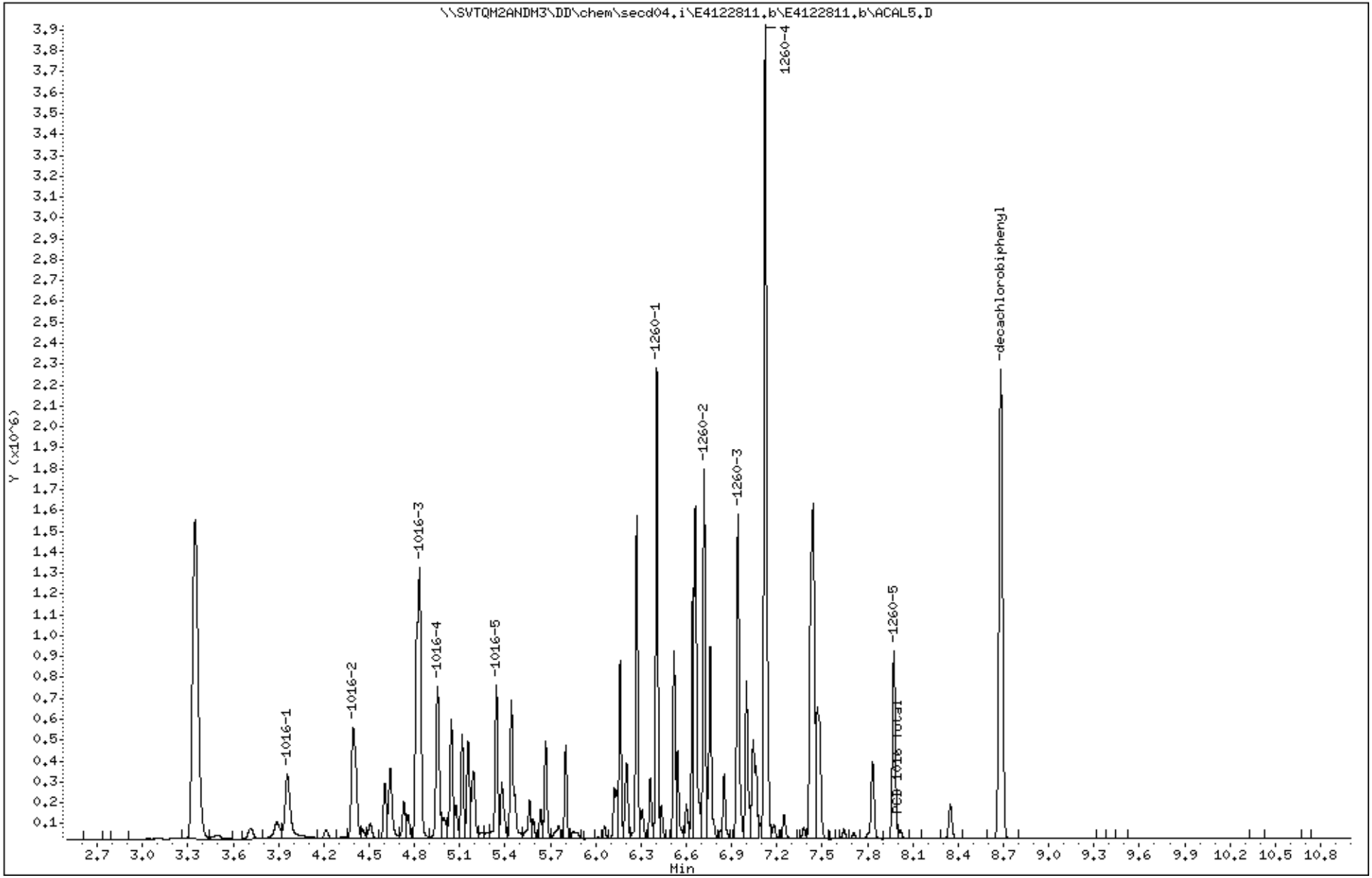
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.958	3.957	0.001	836878	0.40000	0.40
	2 1016-2	4.395	4.395	0.000	1197340	0.40000	0.38
	3 1016-3	4.834	4.833	0.001	2890030	0.40000	0.38(M)
	4 1016-4	4.953	4.953	0.000	1124043	0.40000	0.37(M)
	5 1016-5	5.343	5.343	0.000	891191	0.40000	0.45(M)
M	6 PCB 1016 Total				6939482	2.00000	2.0
	7 1260-1	6.405	6.406	-0.001	2181033	0.40000	0.39(M)
	8 1260-2	6.718	6.719	-0.001	1860583	0.40000	0.39(M)
	9 1260-3	6.942	6.944	-0.002	1872271	0.40000	0.39(M)
	10 1260-4	7.122	7.124	-0.002	4851249	0.40000	0.40(M)
	11 1260-5	7.974	7.977	-0.003	1235066	0.40000	0.41(M)
M	12 PCB 1260 Total				12000202	2.00000	2.0
$	45 decachlorobiphenyl	8.682	8.687	-0.005	3723654	0.20000	0.20

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL5.D
Date : 28-DEC-2011 18:23
Client ID: ACAL5 Instrument: secd04.i
Sample Info: 44124
Volume Injected (uL): 1.0 Operator: PEL Labs
Column phase: STX-CLP2 Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL4.D
Report Date: 07-Feb-2012 11:55

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL4.D
Lab Smp Id: 44125 Client Smp ID: ACAL4
Inj Date : 28-DEC-2011 18:38
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44125
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 10 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

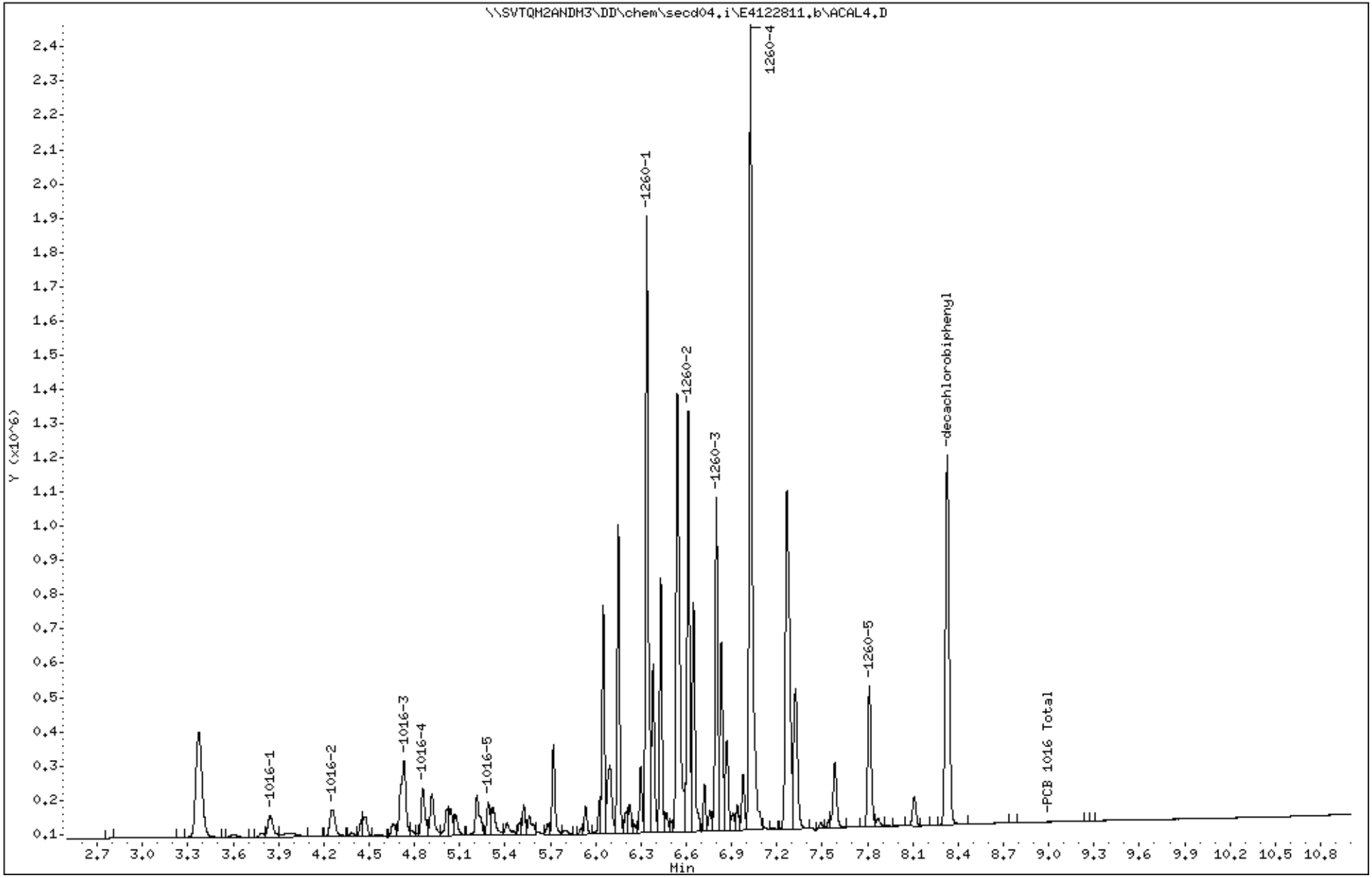
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.845	3.853	-0.008	156478	0.20000	0.19(M)
	2 1016-2	4.255	4.265	-0.010	206301	0.20000	0.19(M)
	3 1016-3	4.731	4.739	-0.008	545511	0.20000	0.19(M)
	4 1016-4	4.855	4.863	-0.008	249662	0.20000	0.19(M)
	5 1016-5	5.289	5.296	-0.007	135064	0.20000	0.19(M)
M	6 PCB 1016 Total				1293016	1.00000	0.96
	7 1260-1	6.338	6.346	-0.008	2189515	0.20000	0.19(M)
	8 1260-2	6.613	6.622	-0.009	1451915	0.20000	0.19(M)
	9 1260-3	6.799	6.807	-0.008	1171898	0.20000	0.19(M)
	10 1260-4	7.025	7.034	-0.009	3354715	0.20000	0.19(M)
	11 1260-5	7.812	7.822	-0.010	659651	0.20000	0.19
M	12 PCB 1260 Total				8827694	1.00000	0.96
$	45 decachlorobiphenyl	8.328	8.341	-0.013	1896365	0.10000	0.092

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL4.D
Date : 28-DEC-2011 18:38
Client ID: ACAL4
Instrument: secd04.i
Sample Info: 44125
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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Data File: ACAL4.D
Report Date: 07-Feb-2012 11:55

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL4.D
Lab Smp Id: 44125 Client Smp ID: ACAL4
Inj Date : 28-DEC-2011 18:38
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44125
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 10 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

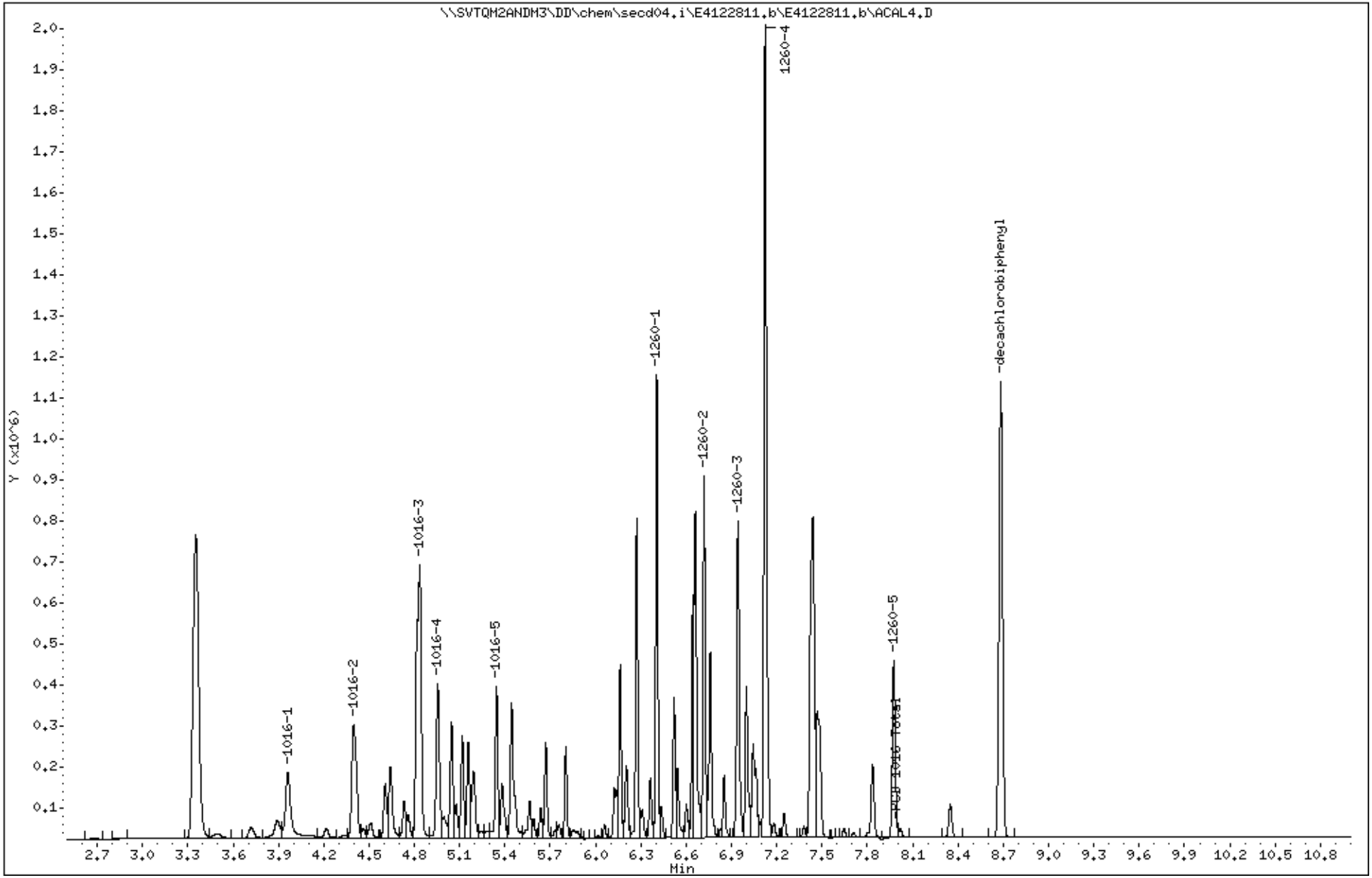
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.962	3.957	0.005	418079	0.20000	0.20(M)
	2 1016-2	4.397	4.395	0.002	617034	0.20000	0.20(M)
	3 1016-3	4.835	4.833	0.002	1469909	0.20000	0.19(M)
	4 1016-4	4.955	4.953	0.002	574817	0.20000	0.19(M)
	5 1016-5	5.344	5.343	0.001	446834	0.20000	0.21(M)
M	6 PCB 1016 Total				3526673	1.00000	0.99
	7 1260-1	6.405	6.406	-0.001	1095316	0.20000	0.19(M)
	8 1260-2	6.718	6.719	-0.001	920825	0.20000	0.19(M)
	9 1260-3	6.943	6.944	-0.001	923280	0.20000	0.19(M)
	10 1260-4	7.123	7.124	-0.001	2428155	0.20000	0.20(M)
	11 1260-5	7.975	7.977	-0.002	590642	0.20000	0.20(M)
M	12 PCB 1260 Total				5958218	1.00000	0.98
$	45 decachlorobiphenyl	8.683	8.687	-0.004	1837049	0.10000	0.096

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL4.D
Date : 28-DEC-2011 18:38
Client ID: ACAL4
Instrument: secd04.i
Sample Info: 44125
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL3.D
Report Date: 07-Feb-2012 11:55

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL3.D
Lab Smp Id: 44126 Client Smp ID: ACAL3
Inj Date : 28-DEC-2011 18:53
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44126
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 11 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

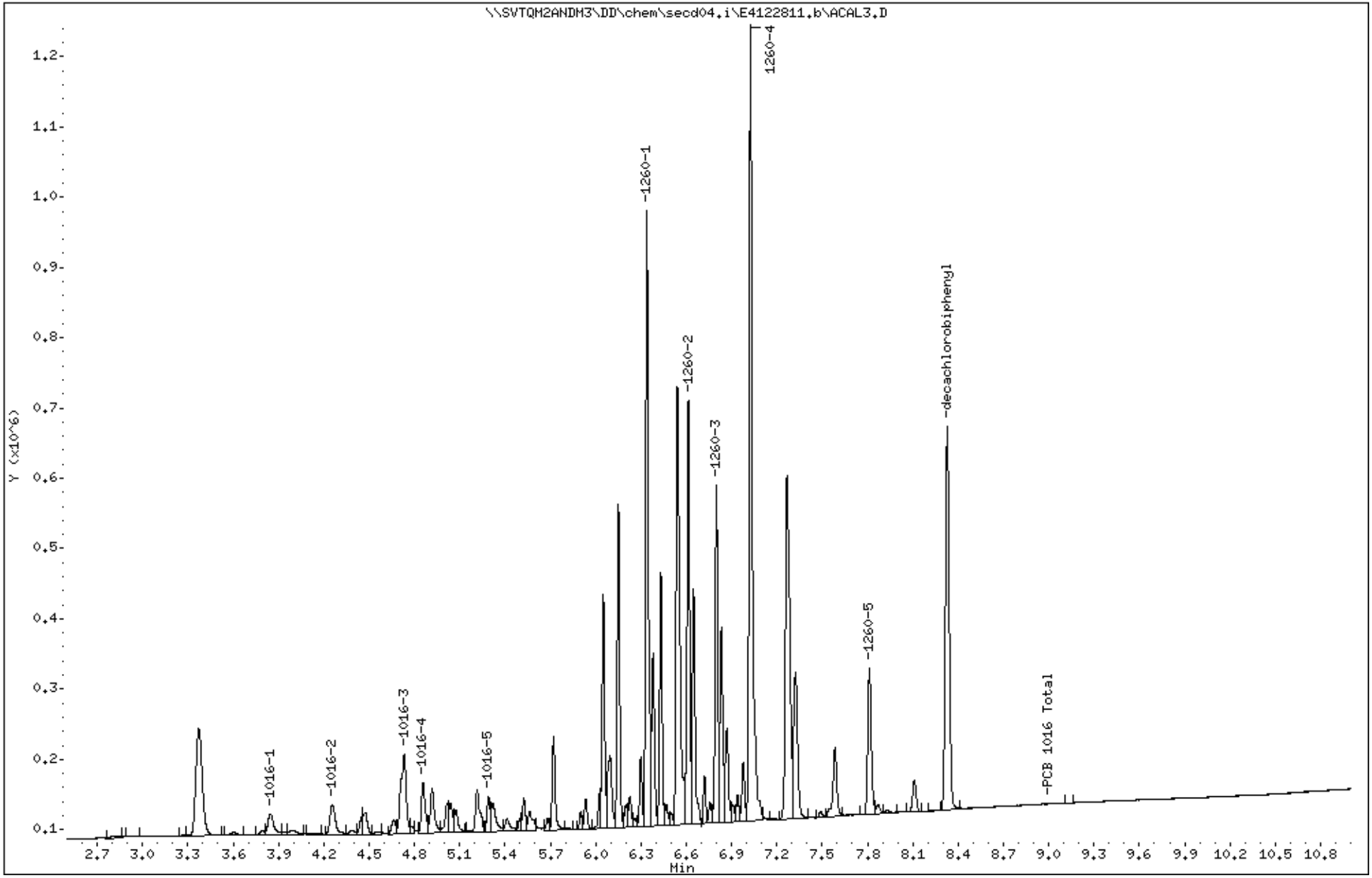
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.846	3.853	-0.007	87701	0.10000	0.10(M)
	2 1016-2	4.257	4.265	-0.008	112179	0.10000	0.10(M)
	3 1016-3	4.732	4.739	-0.007	286089	0.10000	0.10(M)
	4 1016-4	4.857	4.863	-0.006	133330	0.10000	0.10(M)
	5 1016-5	5.290	5.296	-0.006	70841	0.10000	0.10(M)
M	6 PCB 1016 Total				690140	0.50000	0.52
	7 1260-1	6.339	6.346	-0.007	1082595	0.10000	0.096(M)
	8 1260-2	6.614	6.622	-0.008	722881	0.10000	0.095(M)
	9 1260-3	6.799	6.807	-0.008	587356	0.10000	0.097(M)
	10 1260-4	7.025	7.034	-0.009	1649575	0.10000	0.095(M)
	11 1260-5	7.813	7.822	-0.009	337247	0.10000	0.096
M	12 PCB 1260 Total				4379654	0.50000	0.48
$	45 decachlorobiphenyl	8.328	8.341	-0.013	963826	0.05000	0.047

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL3.D
Date : 28-DEC-2011 18:53
Client ID: ACAL3
Instrument: secd04.i
Sample Info: 44126
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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Data File: ACAL3.D
Report Date: 07-Feb-2012 11:55

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL3.D
Lab Smp Id: 44126 Client Smp ID: ACAL3
Inj Date : 28-DEC-2011 18:53
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44126
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 11 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

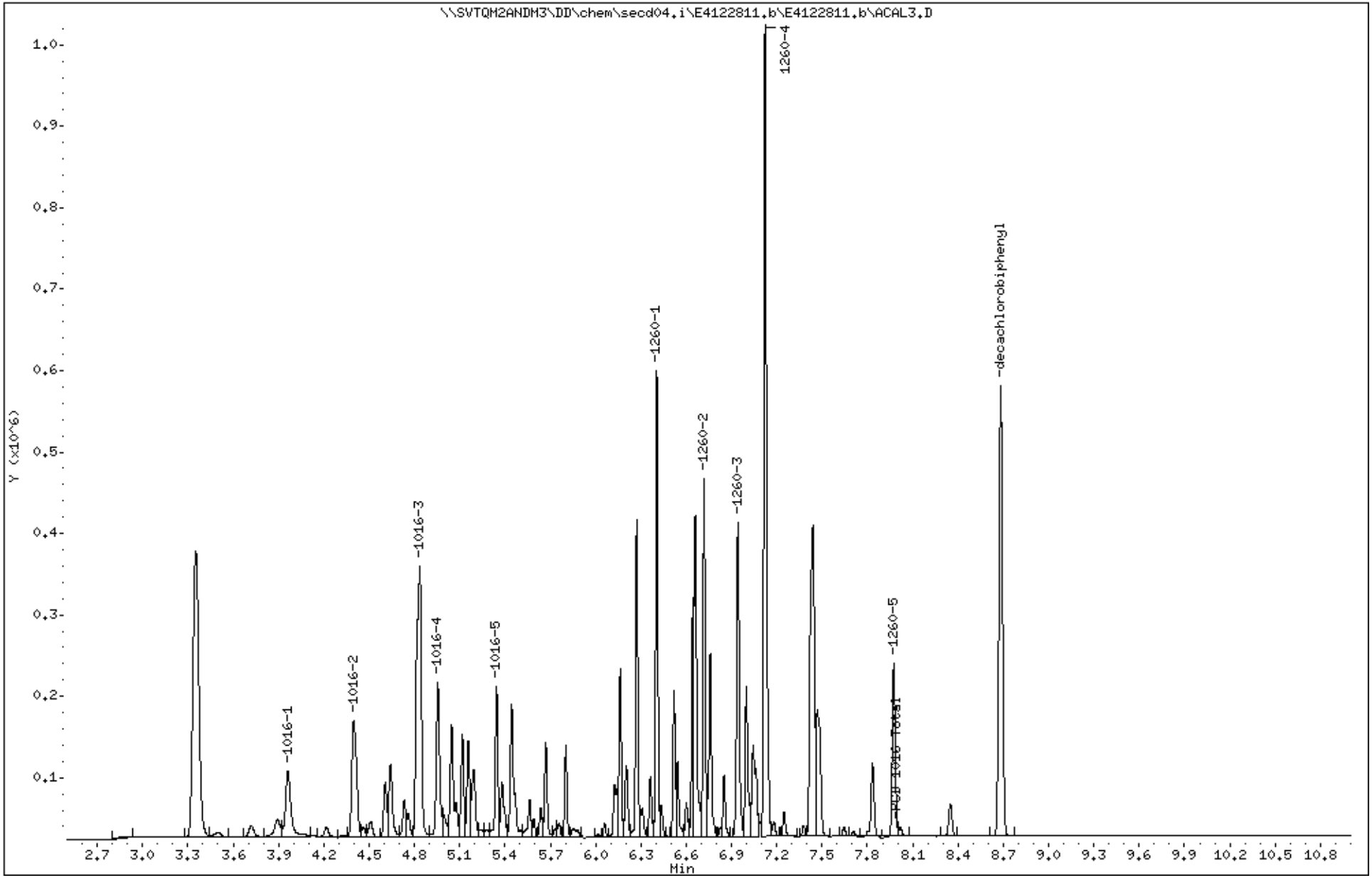
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.963	3.957	0.006	208212	0.10000	0.098(M)
	2 1016-2	4.398	4.395	0.003	319631	0.10000	0.10(M)
	3 1016-3	4.835	4.833	0.002	745019	0.10000	0.098(M)
	4 1016-4	4.955	4.953	0.002	293191	0.10000	0.097(M)
	5 1016-5	5.345	5.343	0.002	227153	0.10000	0.13(M)
M	6 PCB 1016 Total				1793206	0.50000	0.53
	7 1260-1	6.405	6.406	-0.001	550770	0.10000	0.098(M)
	8 1260-2	6.718	6.719	-0.001	464469	0.10000	0.097(M)
	9 1260-3	6.942	6.944	-0.002	459323	0.10000	0.096(M)
	10 1260-4	7.122	7.124	-0.002	1212619	0.10000	0.099(M)
	11 1260-5	7.974	7.977	-0.003	290318	0.10000	0.097(M)
M	12 PCB 1260 Total				2977499	0.50000	0.49
$	45 decachlorobiphenyl	8.682	8.687	-0.005	915814	0.05000	0.048

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL3.D
Date : 28-DEC-2011 18:53
Client ID: ACAL3
Instrument: secd04.i
Sample Info: 44126
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL2.D
Report Date: 07-Feb-2012 11:55

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL2.D
Lab Smp Id: 44127 Client Smp ID: ACAL2
Inj Date : 28-DEC-2011 19:08
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44127
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

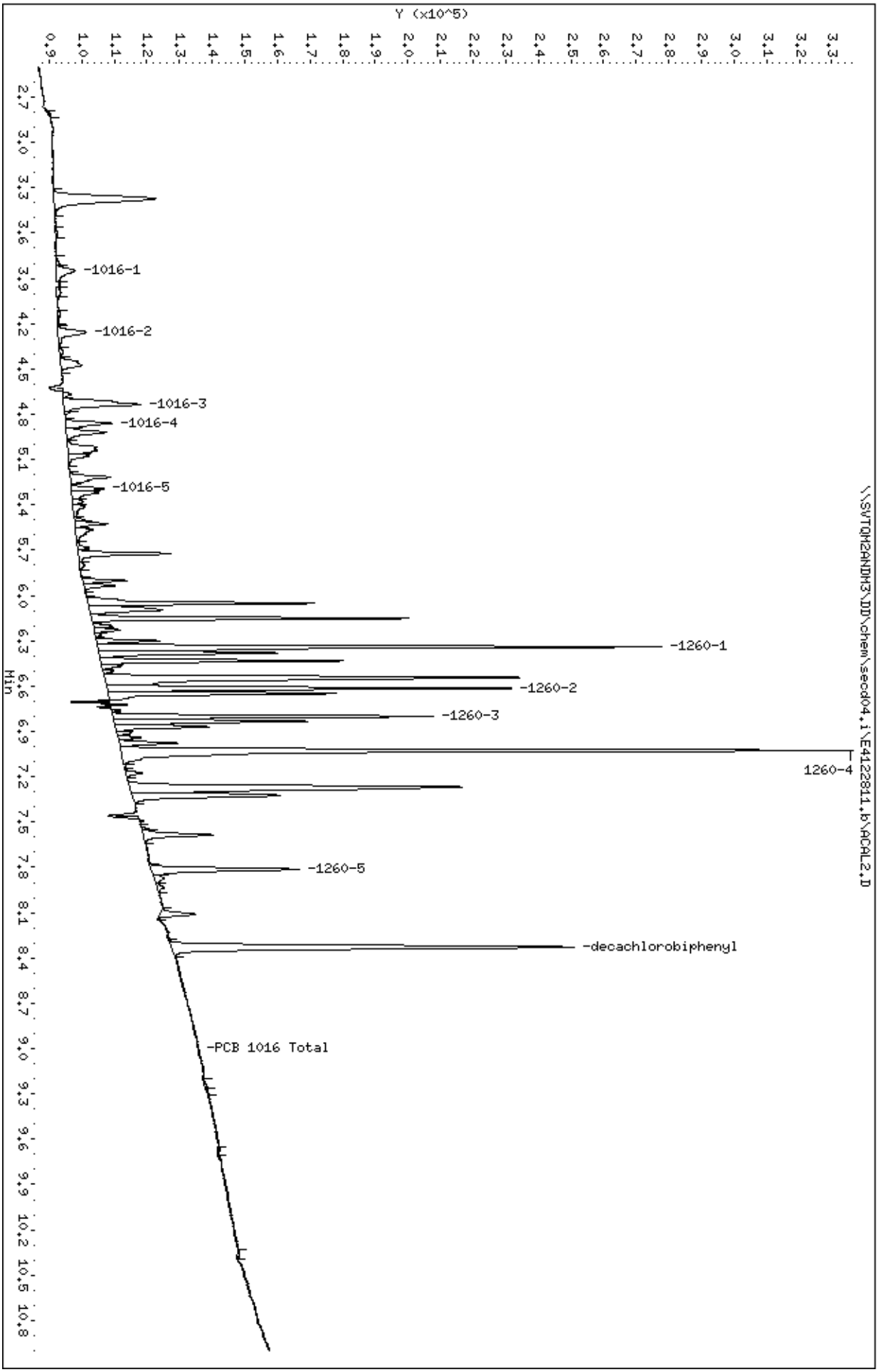
Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.850	3.853	-0.003	18152	0.02000	0.022(M)
	2 1016-2	4.258	4.265	-0.007	23282	0.02000	0.022(M)
	3 1016-3	4.735	4.739	-0.004	57470	0.02000	0.020(M)
	4 1016-4	4.859	4.863	-0.004	25852	0.02000	0.020(M)
	5 1016-5	5.290	5.296	-0.006	14239	0.02000	0.020(M)
M	6 PCB 1016 Total				138995	0.10000	0.10
	7 1260-1	6.339	6.346	-0.007	223624	0.02000	0.020(M)
	8 1260-2	6.614	6.622	-0.008	151468	0.02000	0.020(M)
	9 1260-3	6.799	6.807	-0.008	119865	0.02000	0.020(M)
	10 1260-4	7.025	7.034	-0.009	339927	0.02000	0.020(M)
	11 1260-5	7.813	7.822	-0.009	75856	0.02000	0.022
M	12 PCB 1260 Total				910740	0.10000	0.10
$	45 decachlorobiphenyl	8.328	8.341	-0.013	222689	0.01000	0.011

QC Flag Legend

M - Compound response manually integrated.


Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL2.D
Date : 28-DEC-2011 19:08
Client ID: ACAL2
Sample Info: 44127
Volume Injected (uL): 1.0
Column phase: STX-CLP1
Instrument: secd04.i
Operator: PEL Labs
Column diameter: 0.32
Y (x10^5)
Min
-1016-1
-1016-2
-1016-3
-1016-4
-1016-5
-1260-1
-1260-2
-1260-3
1260-4
-1260-5
-decachlorobiphenyl
-PCB 1016 Total
\\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL2.D

Data File: ACAL2.D
Report Date: 07-Feb-2012 11:55

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL2.D
Lab Smp Id: 44127 Client Smp ID: ACAL2
Inj Date : 28-DEC-2011 19:08
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44127
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

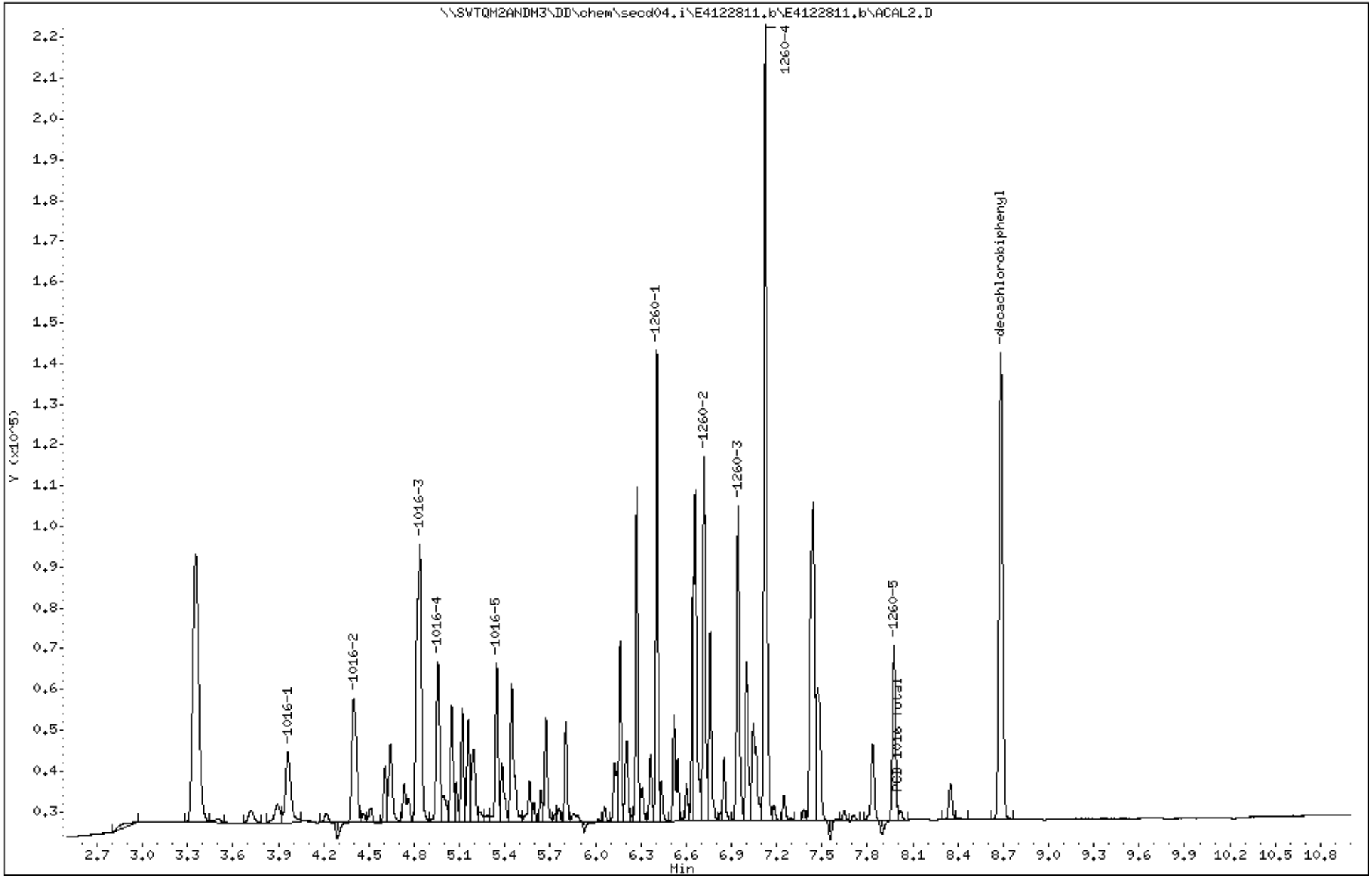
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.964	3.957	0.007	42571	0.02000	0.020(M)
	2 1016-2	4.398	4.395	0.003	61952	0.02000	0.020(M)
	3 1016-3	4.836	4.833	0.003	156193	0.02000	0.021(M)
	4 1016-4	4.956	4.953	0.003	62955	0.02000	0.021(M)
	5 1016-5	5.345	5.343	0.002	48394	0.02000	0.021(M)
M	6 PCB 1016 Total				372065	0.10000	0.10
	7 1260-1	6.405	6.406	-0.001	114785	0.02000	0.020(M)
	8 1260-2	6.719	6.719	0.000	97989	0.02000	0.020(M)
	9 1260-3	6.943	6.944	-0.001	96597	0.02000	0.020(M)
	10 1260-4	7.123	7.124	-0.001	243273	0.02000	0.020(M)
	11 1260-5	7.975	7.977	-0.002	57568	0.02000	0.019(M)
M	12 PCB 1260 Total				610212	0.10000	0.10
$	45 decachlorobiphenyl	8.683	8.687	-0.004	192417	0.01000	0.010

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL2.D
Date : 28-DEC-2011 19:08
Client ID: ACAL2
Instrument: secd04.i
Sample Info: 44127
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL1.D
Report Date: 07-Feb-2012 11:55

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL1.D
Lab Smp Id: 44128 Client Smp ID: ACAL1
Inj Date : 28-DEC-2011 19:24
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44128
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 13 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

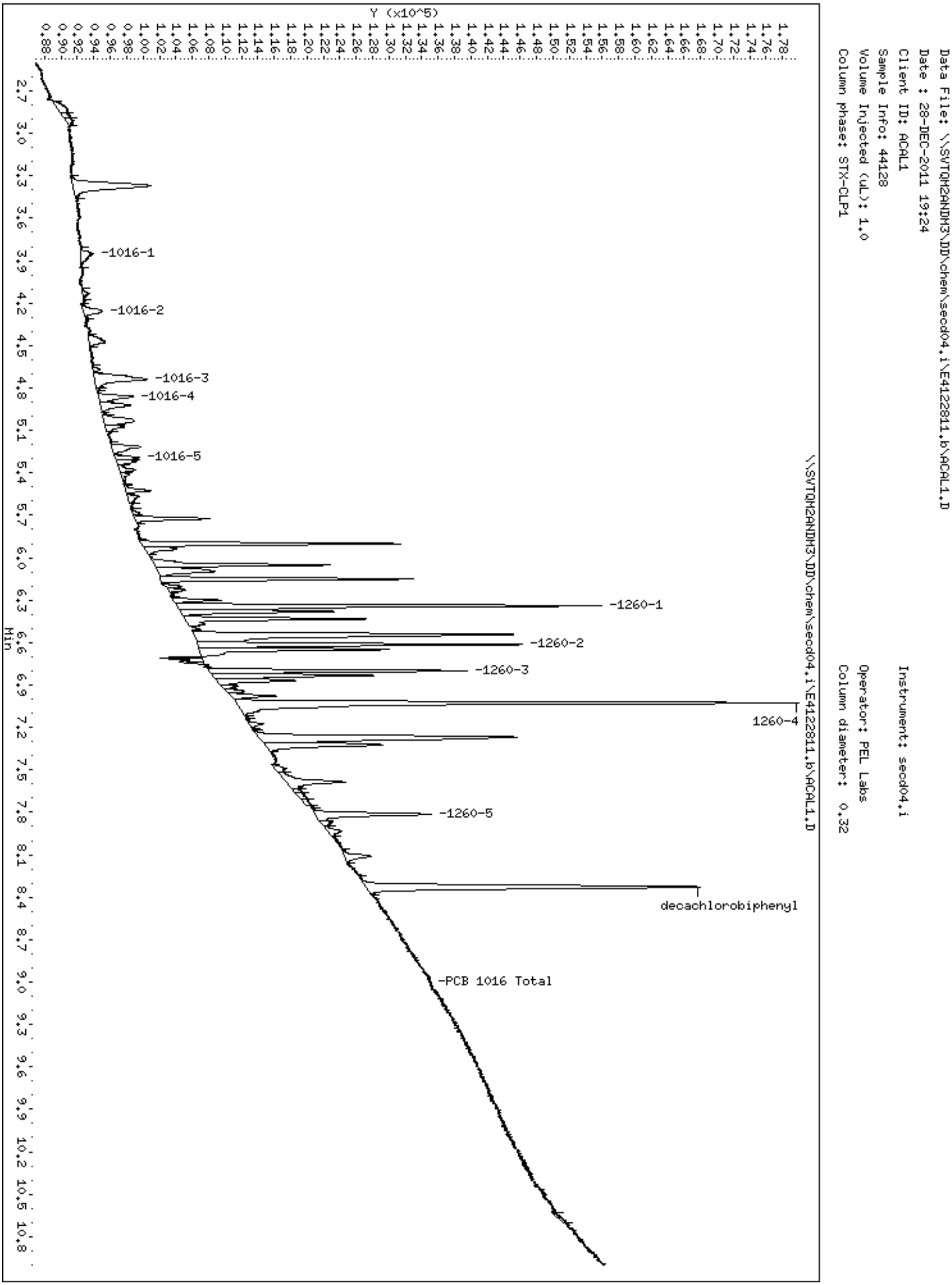
Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.852	3.853	-0.001	5147	0.00600	0.0062(M)
	2 1016-2	4.256	4.265	-0.009	6210	0.00600	0.0058
	3 1016-3	4.739	4.739	0.000	17803	0.00600	0.0063(M)
	4 1016-4	4.859	4.863	-0.004	8497	0.00600	0.0066(M)
	5 1016-5	5.292	5.296	-0.004	4433	0.00600	0.0064(M)
M	6 PCB 1016 Total				42090	0.03000	0.031
	7 1260-1	6.339	6.346	-0.007	69249	0.00600	0.0061
	8 1260-2	6.614	6.622	-0.008	49177	0.00600	0.0065(M)
	9 1260-3	6.799	6.807	-0.008	38324	0.00600	0.0063(M)
	10 1260-4	7.026	7.034	-0.008	108981	0.00600	0.0063(M)
	11 1260-5	7.814	7.822	-0.008	23813	0.00600	0.0068(M)
M	12 PCB 1260 Total				289544	0.03000	0.032
$	45 decachlorobiphenyl	8.327	8.341	-0.014	73129	0.00300	0.0036

QC Flag Legend

M - Compound response manually integrated.


Data File: \\SVTQM2ANDM3\DD\chem\secd04,i\E4122811,b\ACAL1,D
Date : 28-DEC-2011 19:24
Client ID: ACAL1
Sample Info: 44128
Volume Injected (uL): 1.0
Column phase: STX-CLP1
Instrument: secd04,i
Operator: PEL Labs
Column diameter: 0.32
Y (x10^5)
Min
\\SVTQM2ANDM3\DD\chem\secd04,i\E4122811,b\ACAL1.D
-1016-1
-1016-2
-1016-3
-1016-4
-1016-5
-1260-1
-1260-2
-1260-3
1260-4
-1260-5
decachlorobiphenyl
-PCB 1016 Total

Data File: ACAL1.D
Report Date: 07-Feb-2012 11:55

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL1.D
Lab Smp Id: 44128 Client Smp ID: ACAL1
Inj Date : 28-DEC-2011 19:24
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44128
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 13 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

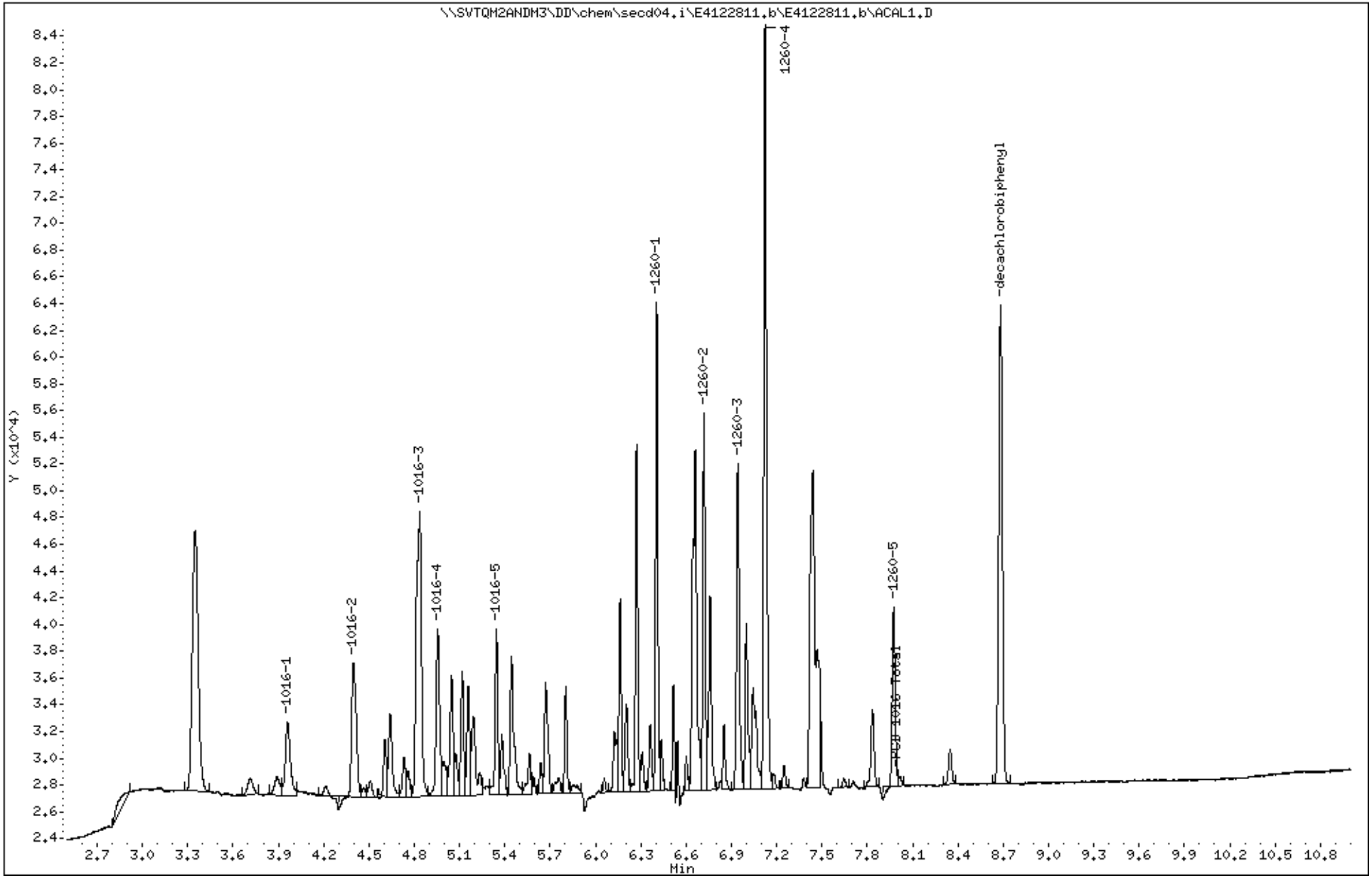
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.960	3.957	0.003	12948	0.00600	0.0061(M)
	2 1016-2	4.396	4.395	0.001	20477	0.00600	0.0065(M)
	3 1016-3	4.836	4.833	0.003	50282	0.00600	0.0066(M)
	4 1016-4	4.955	4.953	0.002	20839	0.00600	0.0069(M)
	5 1016-5	5.344	5.343	0.001	15602	0.00600	0.0067(M)
M	6 PCB 1016 Total				120148	0.03000	0.033
	7 1260-1	6.405	6.406	-0.001	36662	0.00600	0.0065(M)
	8 1260-2	6.718	6.719	-0.001	30868	0.00600	0.0064(M)
	9 1260-3	6.943	6.944	-0.001	30439	0.00600	0.0064(M)
	10 1260-4	7.122	7.124	-0.002	74775	0.00600	0.0061(M)
	11 1260-5	7.974	7.977	-0.003	17524	0.00600	0.0059(M)
M	12 PCB 1260 Total				190268	0.03000	0.031
$	45 decachlorobiphenyl	8.682	8.687	-0.005	61493	0.00300	0.0032

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL1.D
Date : 28-DEC-2011 19:24
Client ID: ACAL1
Instrument: secd04.i
Sample Info: 44128
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ASEC.D
Report Date: 07-Feb-2012 11:55

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ASEC.D
Lab Smp Id: 43164 Client Smp ID: ASEC
Inj Date : 28-DEC-2011 19:39
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 43164
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 14 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

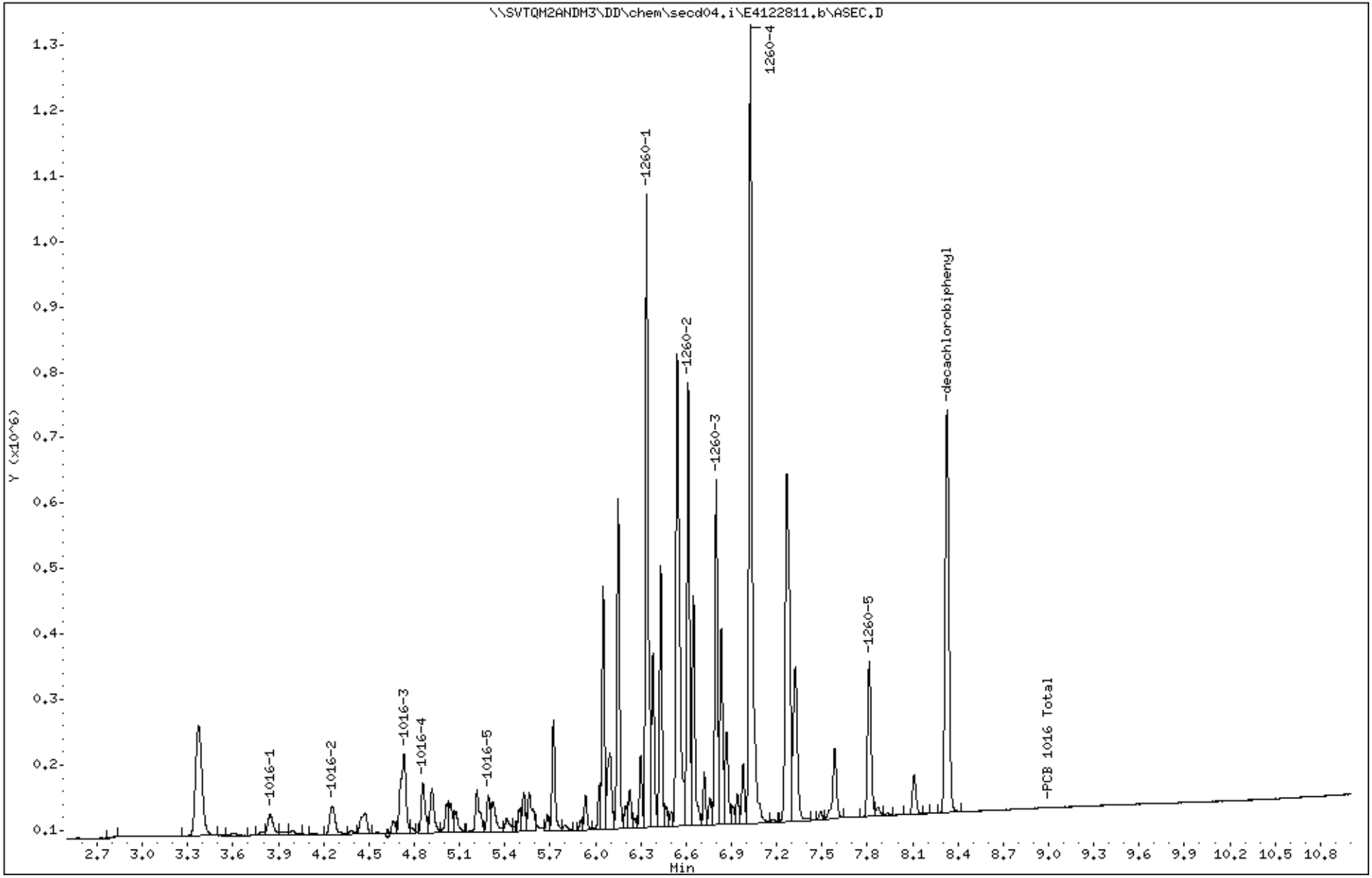
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.846	3.853	-0.007	84973	0.10000	0.10(M)
	2 1016-2	4.256	4.265	-0.009	113317	0.10000	0.11(M)
	3 1016-3	4.732	4.739	-0.007	302211	0.10000	0.11(M)
	4 1016-4	4.857	4.863	-0.006	139069	0.10000	0.11(M)
	5 1016-5	5.289	5.296	-0.007	77334	0.10000	0.11(M)
M	6 PCB 1016 Total				716904	0.50000	0.53
	7 1260-1	6.338	6.346	-0.008	1224076	0.10000	0.11(M)
	8 1260-2	6.613	6.622	-0.009	803368	0.10000	0.10(M)
	9 1260-3	6.799	6.807	-0.008	647751	0.10000	0.11(M)
	10 1260-4	7.025	7.034	-0.009	1801859	0.10000	0.10(M)
	11 1260-5	7.812	7.822	-0.010	385800	0.10000	0.11
M	12 PCB 1260 Total				4862854	0.50000	0.53
$	45 decachlorobiphenyl	8.327	8.341	-0.014	1079222	0.05000	0.052

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ASEC.D
Date : 28-DEC-2011 19:39
Client ID: ASEC
Instrument: secd04.i
Sample Info: 43164
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



120

3505056

Data File: ASEC.D
Report Date: 07-Feb-2012 11:55

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ASEC.D
Lab Smp Id: 43164 Client Smp ID: ASEC
Inj Date : 28-DEC-2011 19:39
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 43164
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 14 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

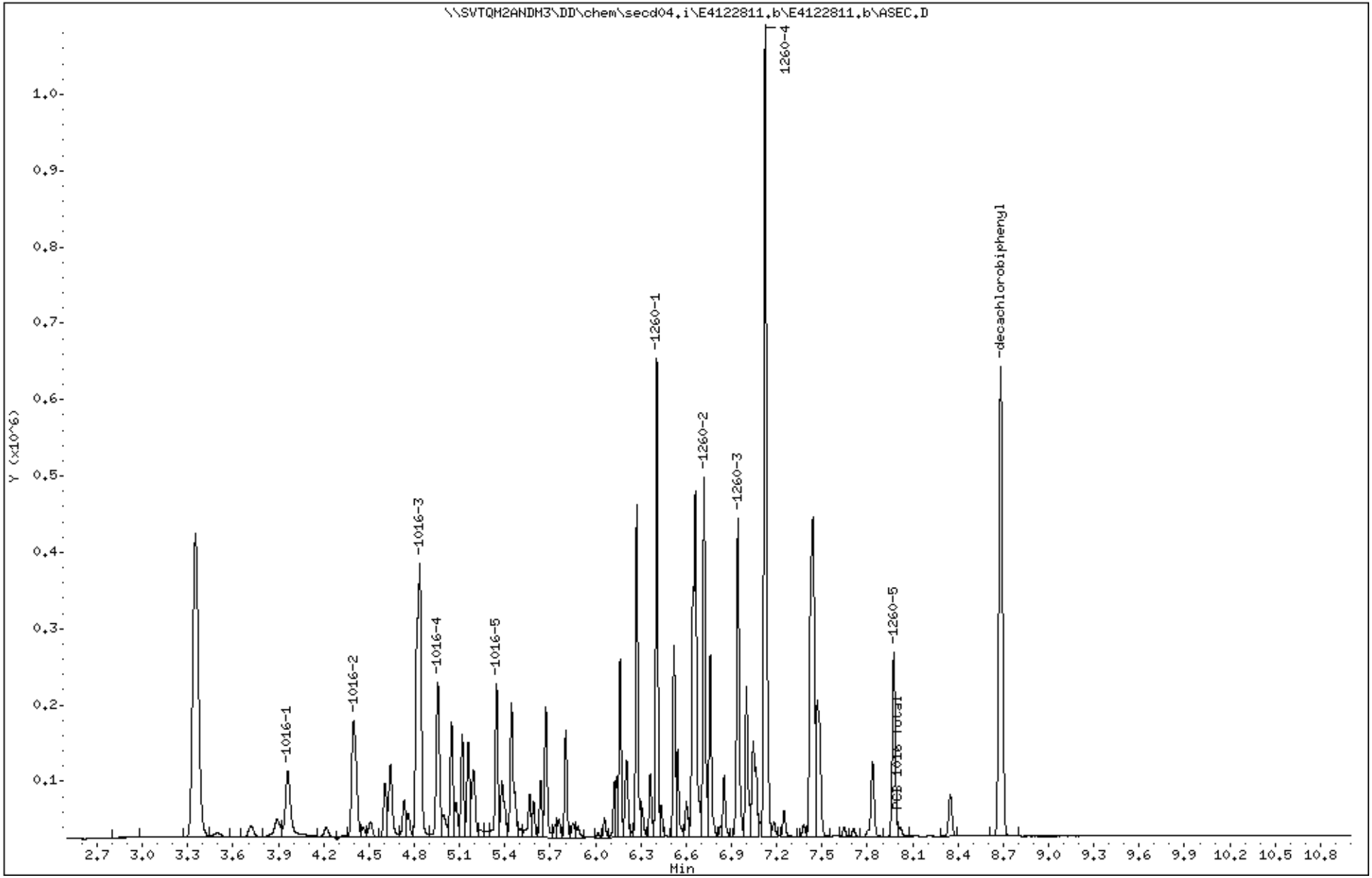
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.962	3.957	0.005	225007	0.10000	0.11(M)
	2 1016-2	4.397	4.395	0.002	340041	0.10000	0.11(M)
	3 1016-3	4.835	4.833	0.002	803944	0.10000	0.11(M)
	4 1016-4	4.955	4.953	0.002	318863	0.10000	0.10(M)
	5 1016-5	5.344	5.343	0.001	248295	0.10000	0.11(M)
M	6 PCB 1016 Total				1936150	0.50000	0.53
	7 1260-1	6.405	6.406	-0.001	607679	0.10000	0.11(M)
	8 1260-2	6.718	6.719	-0.001	512407	0.10000	0.11(M)
	9 1260-3	6.942	6.944	-0.002	506900	0.10000	0.11(M)
	10 1260-4	7.123	7.124	-0.001	1303989	0.10000	0.11(M)
	11 1260-5	7.974	7.977	-0.003	340169	0.10000	0.11(M)
M	12 PCB 1260 Total				3271144	0.50000	0.54
$	45 decachlorobiphenyl	8.682	8.687	-0.005	1019056	0.05000	0.054

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ASEC.D
Date : 28-DEC-2011 19:39
Client ID: ASEC
Instrument: secd04.i
Sample Info: 43164
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\ACCV3.D
Report Date: 07-Feb-2012 11:55

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\ACCV3.D
Lab Smp Id: 44593 Client Smp ID: ACCV3
Inj Date : 19-JAN-2012 20:50
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44593
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\8082A.m
Meth Date : 26-Jan-2012 18:33 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 26 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol.of extract
Ws	15.000	weight of sample extracted (g)
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

						AMOUNTS	
						CAL-AMT	ON-COL
	Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/ml)	(ug/ml)
	1 1016-1	3.834	3.837	-0.003	88678	0.10000	0.11(M)
	2 1016-2	4.249	4.250	-0.001	113642	0.10000	0.11(M)
	3 1016-3	4.725	4.726	-0.001	288718	0.10000	0.10(M)
	4 1016-4	4.850	4.851	-0.001	139552	0.10000	0.11(M)
	5 1016-5	5.284	5.284	0.000	67621	0.10000	0.097(M)
M	6 PCB 1016 Total				698211	0.50000	0.52
	7 1260-1	6.338	6.337	0.001	953597	0.10000	0.085
	8 1260-2	6.614	6.613	0.001	699831	0.10000	0.092
	9 1260-3	6.799	6.799	0.000	540017	0.10000	0.089
	10 1260-4	7.026	7.026	0.000	1651736	0.10000	0.095
	11 1260-5	7.814	7.813	0.001	323128	0.10000	0.092(M)
M	12 PCB 1260 Total				4168309	0.50000	0.45
$	45 decachlorobiphenyl	8.330	8.330	0.000	980383	0.05000	0.048

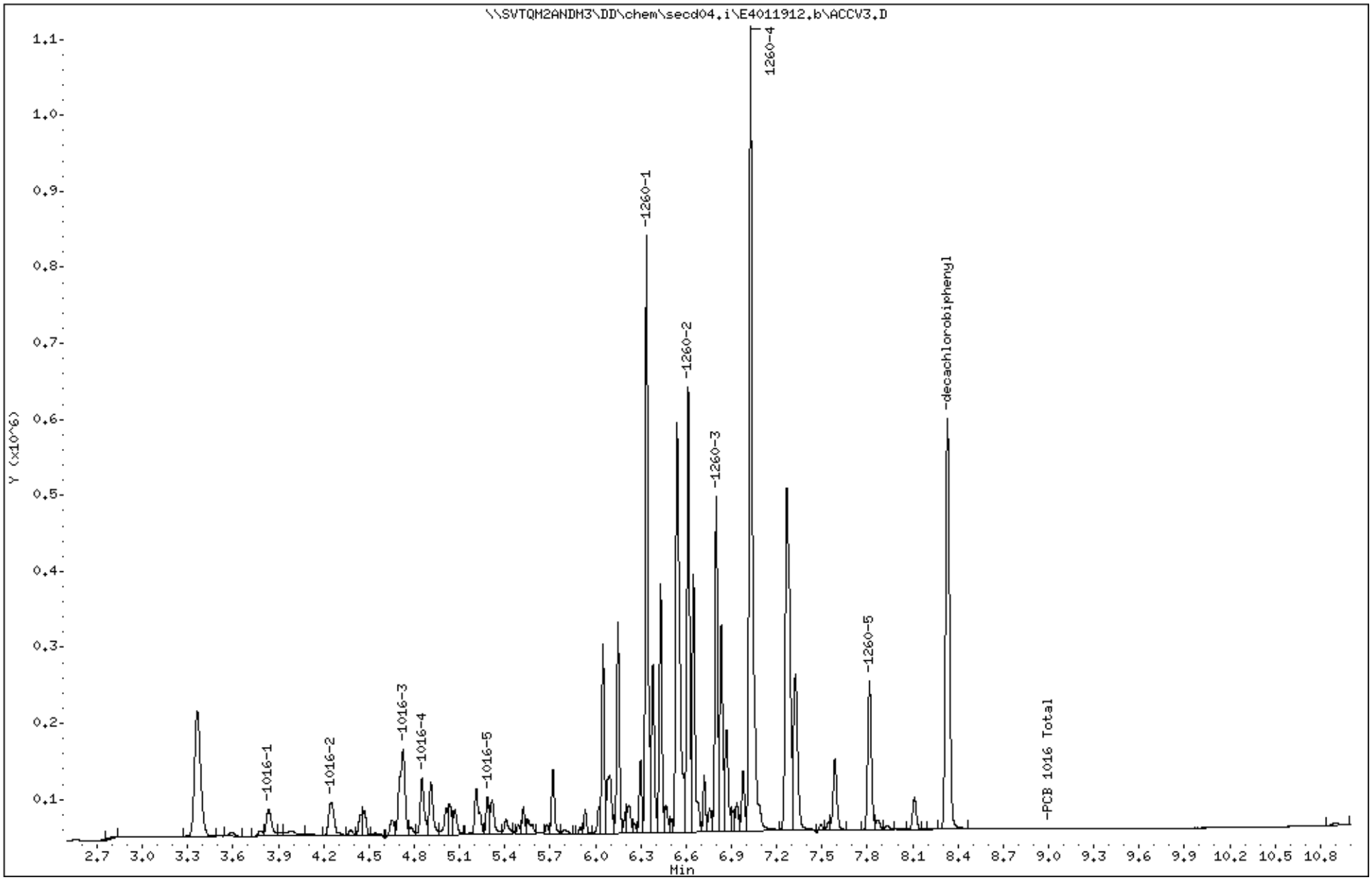
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\ACCV3.D
Date : 19-JAN-2012 20:50
Client ID: ACCV3
Sample Info: 44593

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: ACCV3.D
Report Date: 07-Feb-2012 11:55

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\E4011912.b\ACCV3.D
Lab Smp Id: 44593 Client Smp ID: ACCV3
Inj Date : 19-JAN-2012 20:50
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44593
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\8082A.m\8082a.m
Meth Date : 20-Jan-2012 19:19 methree Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 26 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol.of extract
Ws	15.000	weight of sample extracted (g)
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.955	3.956	-0.001	219290	0.10000	0.10(M)
	2 1016-2	4.392	4.391	0.001	355438	0.10000	0.11(M)
	3 1016-3	4.831	4.831	0.000	831642	0.10000	0.11(M)
	4 1016-4	4.951	4.950	0.001	326053	0.10000	0.11(M)
	5 1016-5	5.340	5.339	0.001	238281	0.10000	0.10(M)
M	6 PCB 1016 Total				1970704	0.50000	0.54
	7 1260-1	6.403	6.401	0.002	519082	0.10000	0.092(M)
	8 1260-2	6.715	6.714	0.001	418999	0.10000	0.088(M)
	9 1260-3	6.939	6.938	0.001	458137	0.10000	0.096(M)
	10 1260-4	7.119	7.118	0.001	1109873	0.10000	0.091(M)
	11 1260-5	7.970	7.969	0.001	279035	0.10000	0.093(M)
M	12 PCB 1260 Total				2785126	0.50000	0.46
$	45 decachlorobiphenyl	8.677	8.676	0.001	927019	0.05000	0.049

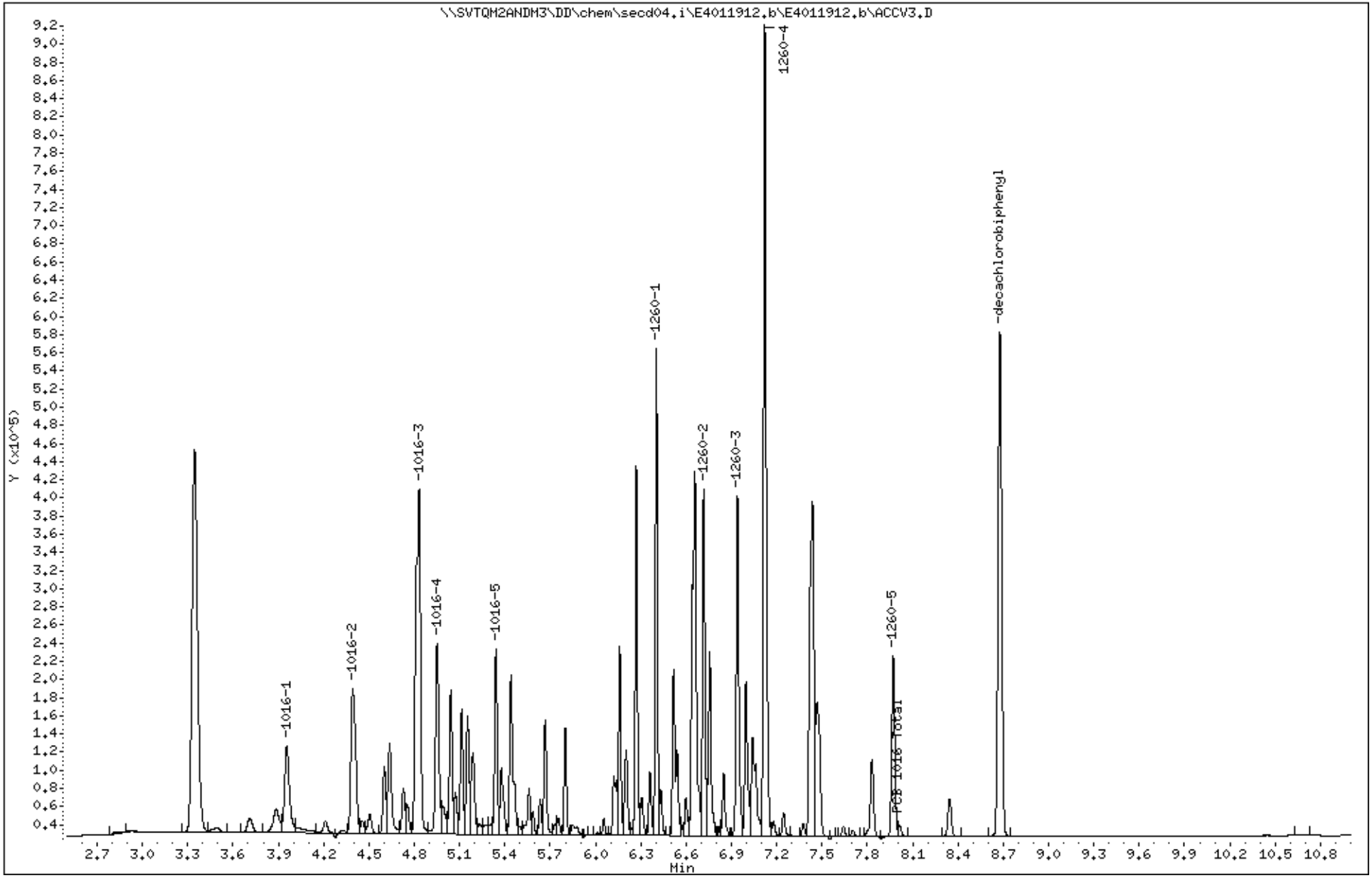
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\E4011912.b\ACCV3.D
Date : 19-JAN-2012 20:50
Client ID: ACCV3
Sample Info: 44593

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\8041MB.D
Report Date: 07-Feb-2012 11:55

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\8041MB.D
Lab Smp Id: 114280MB Client Smp ID: 114280MB
Inj Date : 19-JAN-2012 23:21
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a114280mb
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\8082A.m
Meth Date : 26-Jan-2012 18:33 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 36 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pall.sub
Target Version: 4.14
Processing Host: BRIAN05

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

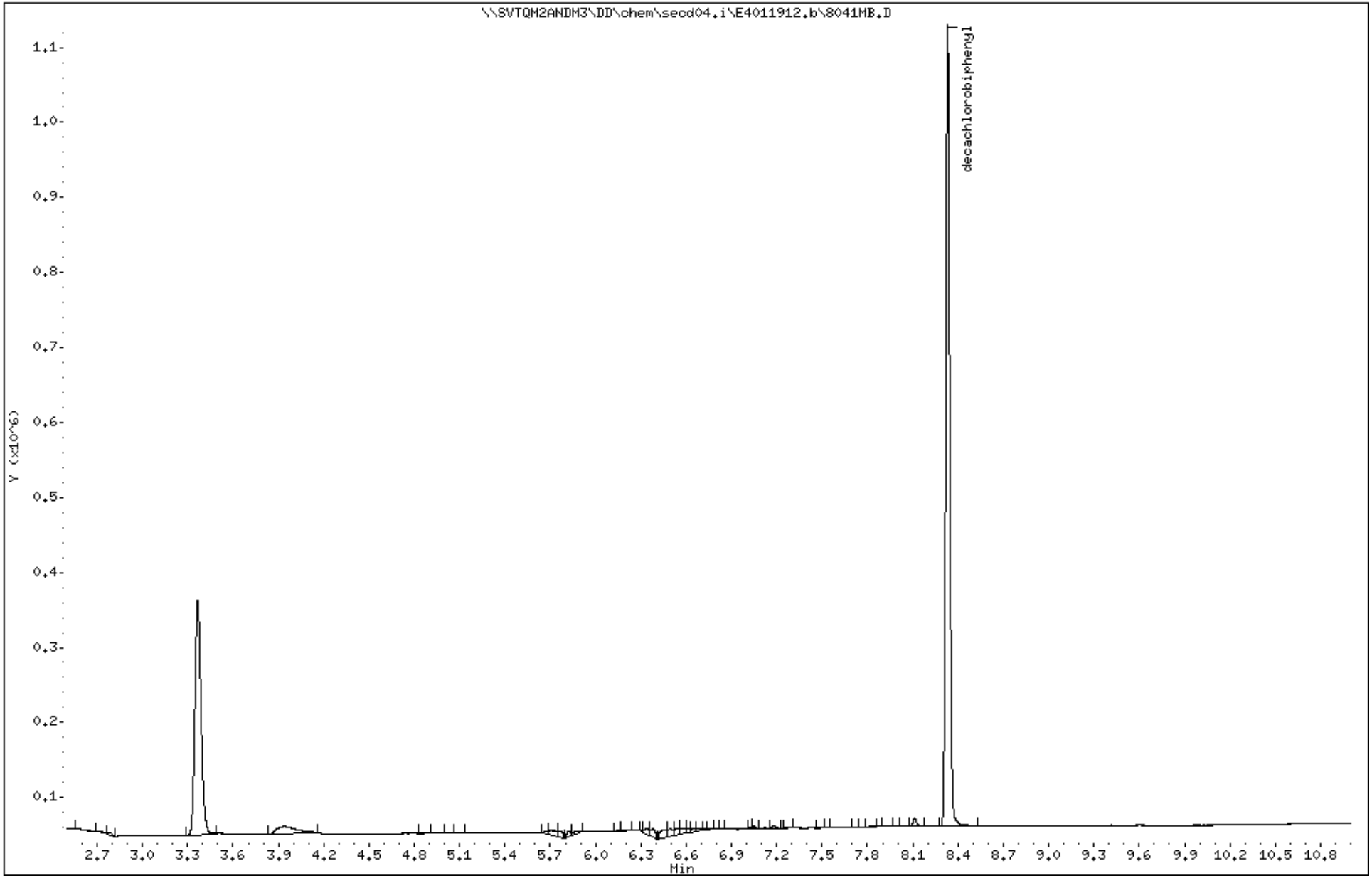
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/ml)	(ug/Kg)
$ 45 decachlorobiphenyl	8.331	8.330	0.001	1912889	0.09296	0.93

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\8041MB.D
Date : 19-JAN-2012 23:21
Client ID: 114280MB
Sample Info: a114280mb

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: 8041MB.D
Report Date: 07-Feb-2012 11:55

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METHOD 8082

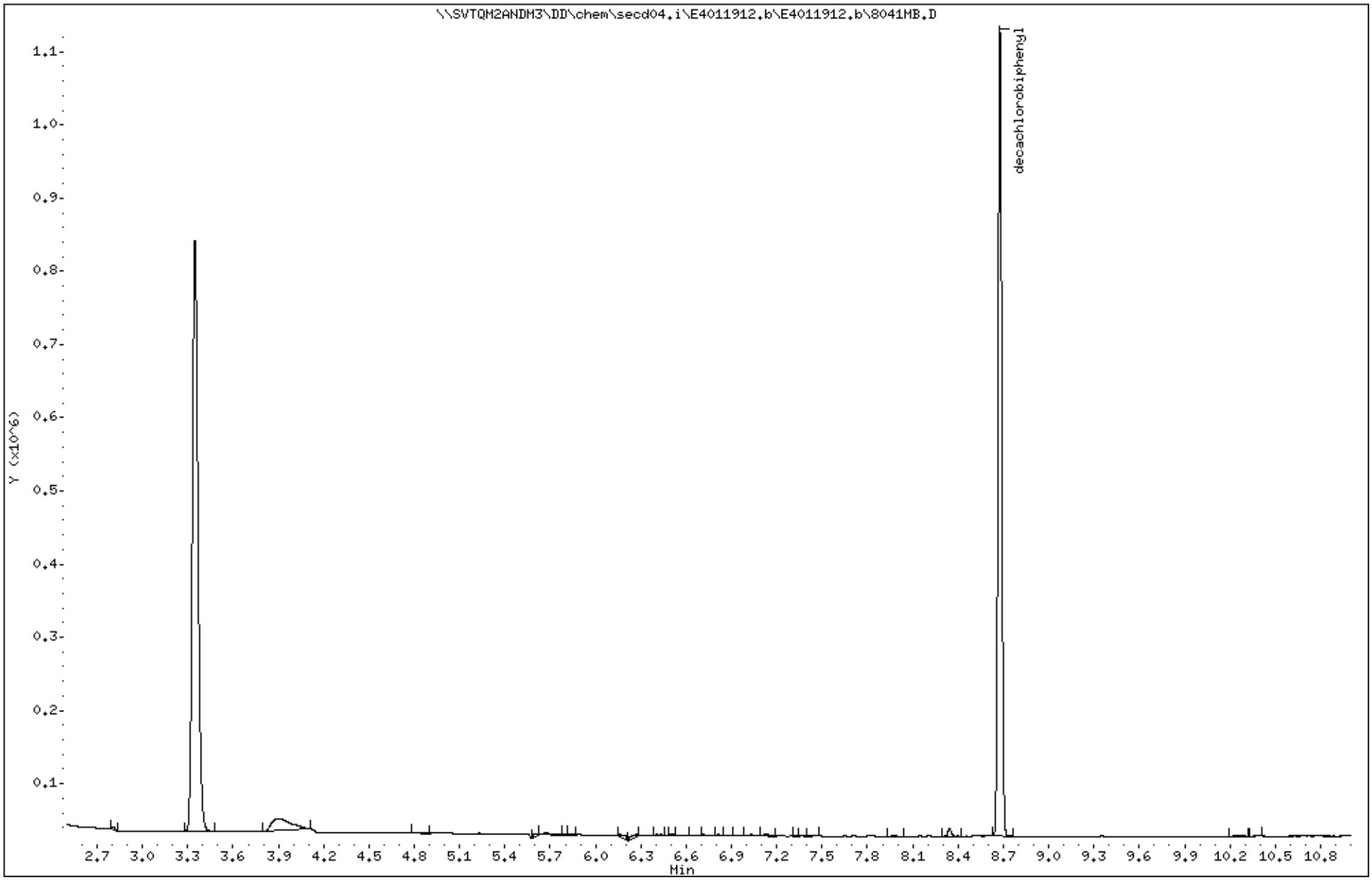
Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\E4011912.b\8041MB.D
Lab Smp Id: 114280MB Client Smp ID: 114280MB
Inj Date : 19-JAN-2012 23:21
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a114280mb
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\8082A.m\8082a.m
Meth Date : 20-Jan-2012 19:19 methree Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 36 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pall.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/ml)	(ug/Kg)
$ 45 decachlorobiphenyl	8.677	8.676	0.001	1837625	0.09656	0.96

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\E4011912.b\8041MB.D
Date : 19-JAN-2012 23:21
Client ID: 114280MB
Instrument: secd04.i
Sample Info: a114280mb
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\8041LCS.D
Report Date: 07-Feb-2012 11:55

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\8041LCS.D
Lab Smp Id: 114281LCS Client Smp ID: 114281LCS
Inj Date : 19-JAN-2012 23:36
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a114281lcs
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\8082A.m
Meth Date : 26-Jan-2012 18:33 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 37 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: BRIAN05

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol.of extract
Wp	1.000	Wipe
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	1 1016-1	3.835	3.837	-0.002	161081	0.19336	1.9(M)
	2 1016-2	4.248	4.250	-0.002	202724	0.19104	1.9(M)
	3 1016-3	4.725	4.726	-0.001	517548	0.18394	1.8
	4 1016-4	4.850	4.851	-0.001	245339	0.18998	1.9
	5 1016-5	5.284	5.284	0.000	118230	0.16955	1.7
M	6 PCB 1016 Total				1244922	0.92787	9.3
	7 1260-1	6.337	6.337	0.000	1820934	0.16159	1.6
	8 1260-2	6.613	6.613	0.000	1322475	0.17440	1.7
	9 1260-3	6.799	6.799	0.000	1021033	0.16805	1.7
	10 1260-4	7.026	7.026	0.000	3093132	0.17859	1.8
	11 1260-5	7.813	7.813	0.000	620399	0.17609	1.8
M	12 PCB 1260 Total				7877973	0.85872	8.6
$	45 decachlorobiphenyl	8.331	8.330	0.001	1788860	0.08693	0.87

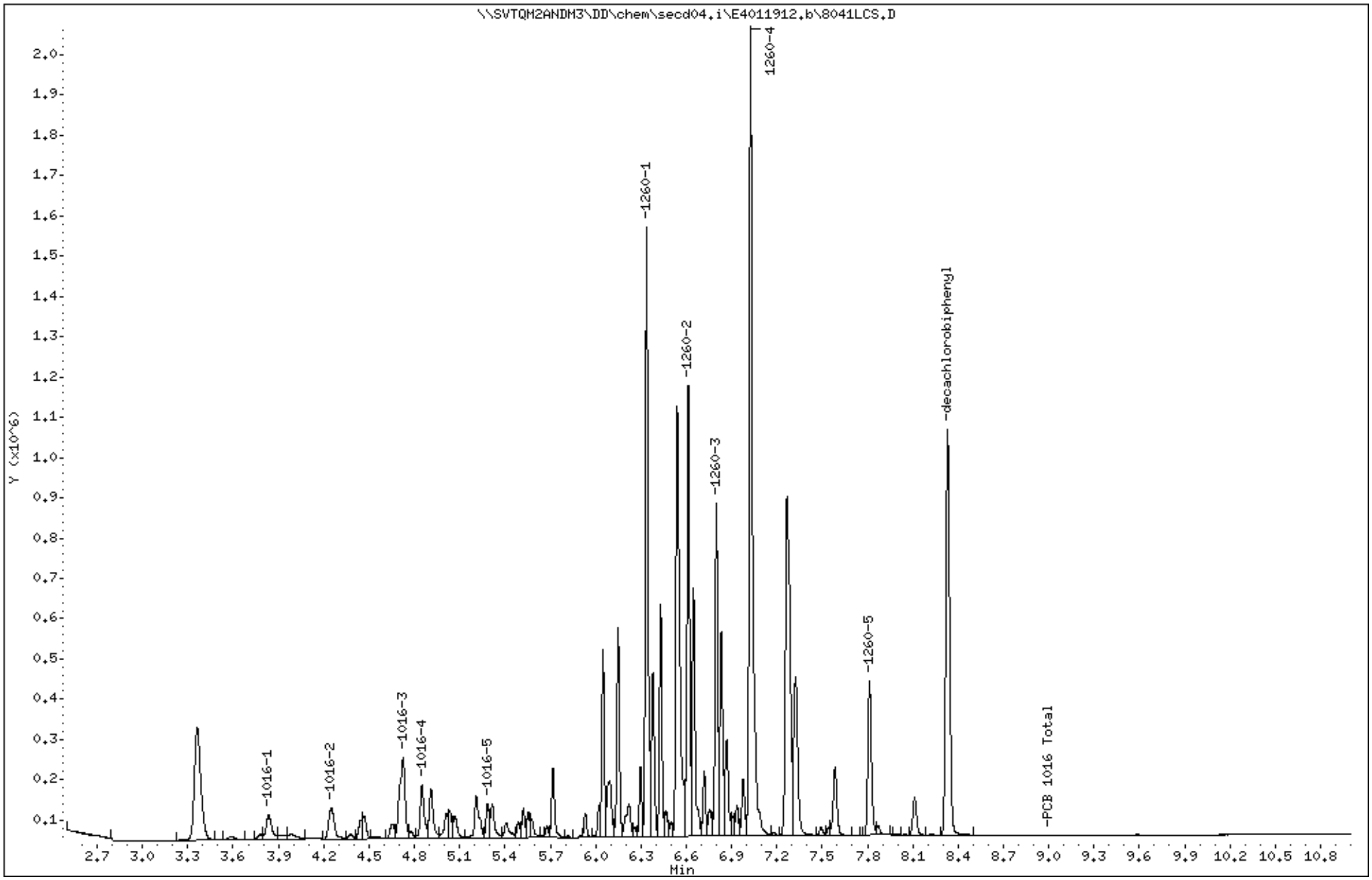
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\8041LCS.D
Date : 19-JAN-2012 23:36
Client ID: 114281LCS
Sample Info: a114281lcs

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



3505056

Data File: 8041LCS.D
Report Date: 07-Feb-2012 11:55

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\E4011912.b\8041LCS.D
Lab Smp Id: 114281LCS Client Smp ID: 114281LCS
Inj Date : 19-JAN-2012 23:36
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a114281lcs
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\8082A.m\8082a.m
Meth Date : 20-Jan-2012 19:19 methree Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 37 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol.of extract
Wp	1.000	Wipe
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
1	1016-1	3.955	3.956	-0.001	392261	0.18551	1.8
2	1016-2	4.392	4.391	0.001	647680	0.20625	2.1
3	1016-3	4.830	4.831	-0.001	1539992	0.20312	2.0
4	1016-4	4.950	4.950	0.000	608290	0.20195	2.0(M)
5	1016-5	5.340	5.339	0.001	434821	0.18580	1.8
M 6	PCB 1016 Total				3623044	0.98262	9.8
7	1260-1	6.402	6.401	0.001	972316	0.17235	1.7
8	1260-2	6.715	6.714	0.001	775797	0.16223	1.6
9	1260-3	6.939	6.938	0.001	871135	0.18282	1.8
10	1260-4	7.119	7.118	0.001	2056215	0.16825	1.7
11	1260-5	7.971	7.969	0.002	558332	0.18692	1.9
M 12	PCB 1260 Total				5233795	0.87258	8.7
$ 45	decachlorobiphenyl	8.677	8.676	0.001	1717066	0.09022	0.90

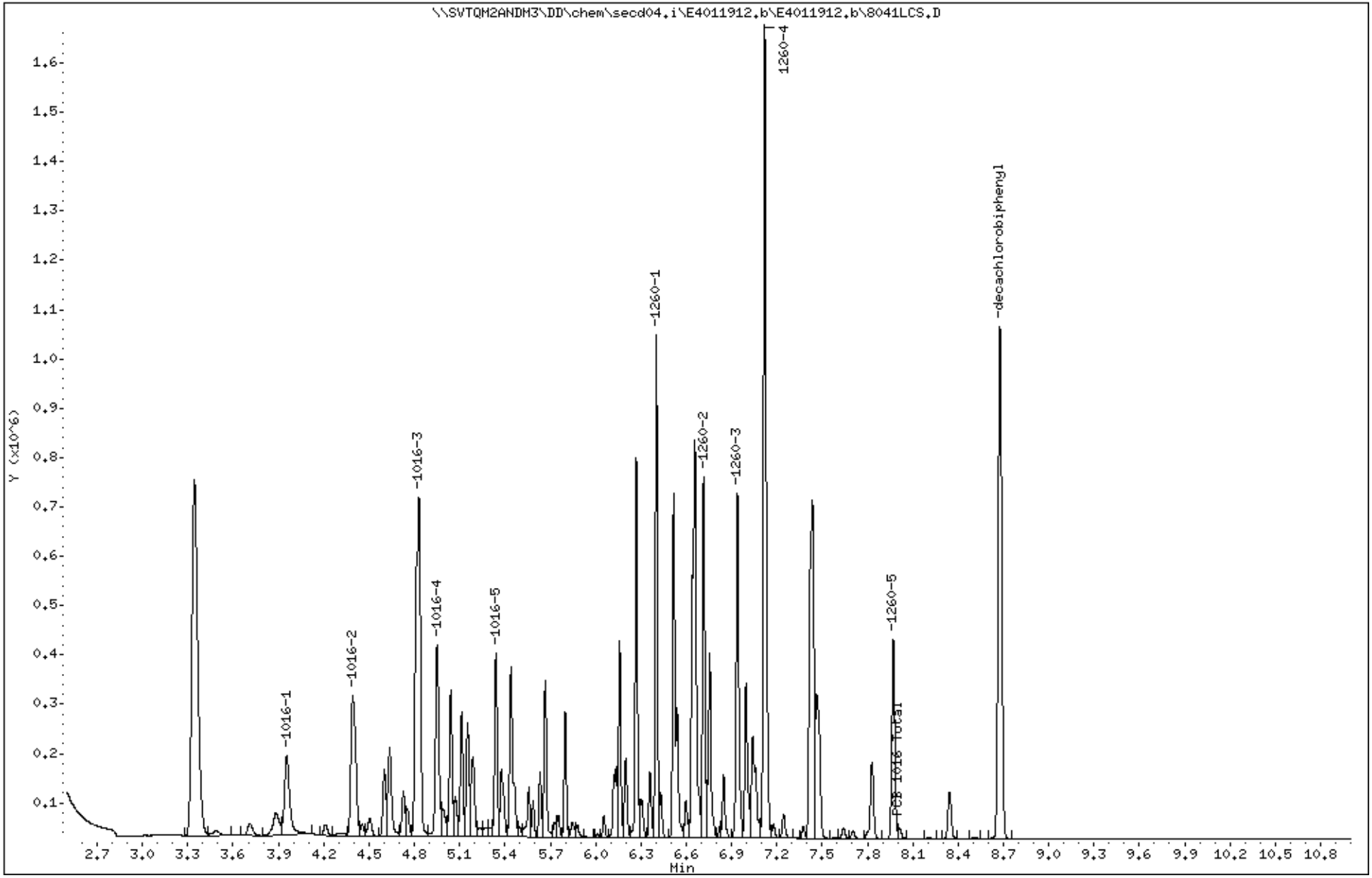
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\E4011912.b\8041LCS.D
Date : 19-JAN-2012 23:36
Client ID: 114281LCS
Sample Info: a114281lcs

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\501812.D
Report Date: 07-Feb-2012 11:55

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\501812.D
Lab Smp Id: 350505601 Client Smp ID: JM22-QCWIPE1-011812
Inj Date : 19-JAN-2012 23:51
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a350505601
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\8082A.m
Meth Date : 26-Jan-2012 18:33 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 38
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pall.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

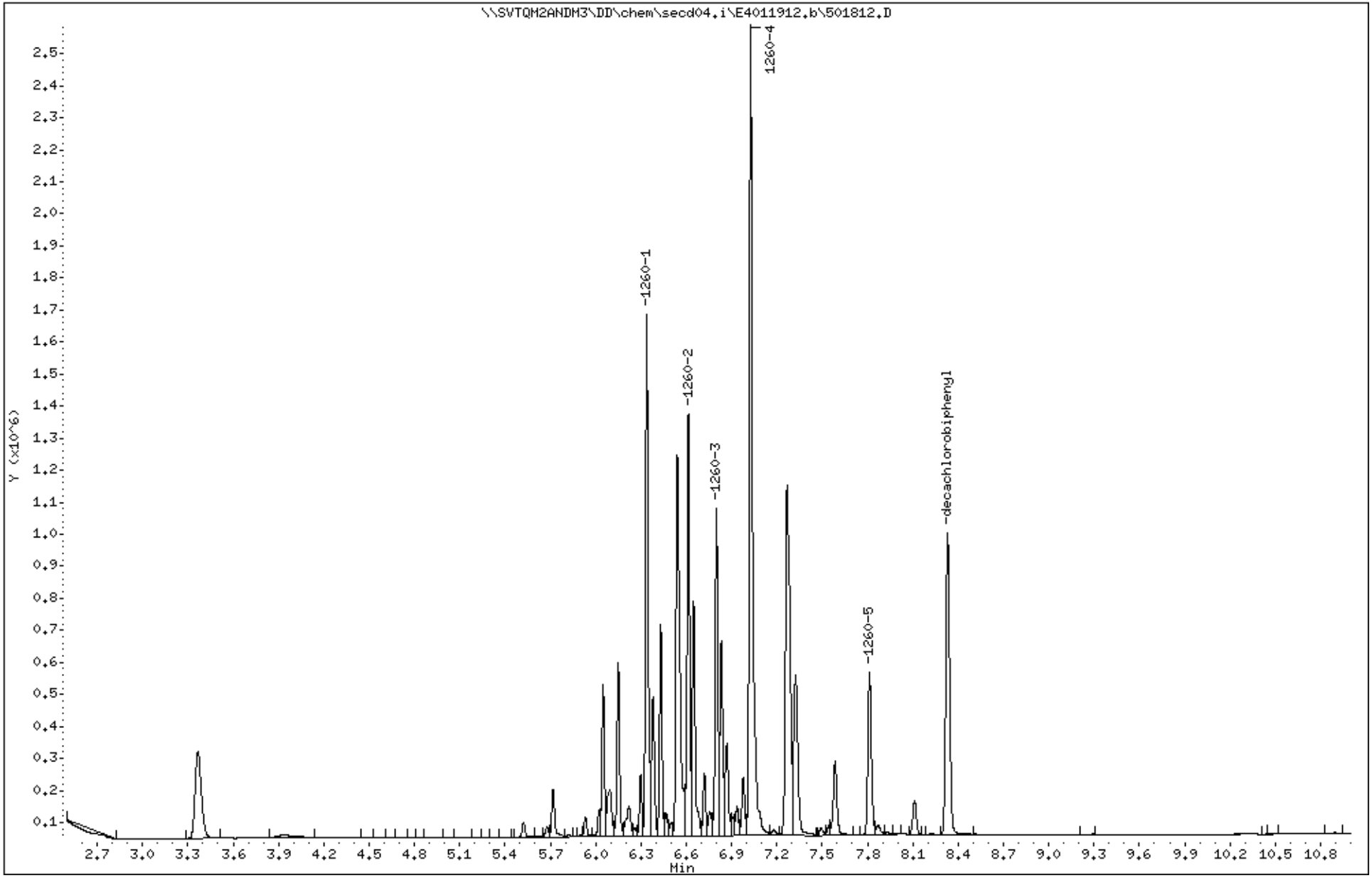
Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
7	1260-1	6.338	6.337	0.001	1962373	0.17414	1.7
8	1260-2	6.614	6.613	0.001	1538604	0.20291	2.0
9	1260-3	6.800	6.799	0.001	1235727	0.20338	2.0
10	1260-4	7.026	7.026	0.000	3824363	0.22081	2.2
11	1260-5	7.814	7.813	0.001	812503	0.23061	2.3
M 12	PCB 1260 Total				9373570	1.03185	10.3
$ 45	decachlorobiphenyl	8.330	8.330	0.000	1674309	0.08136	0.81

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\501812.D
Date : 19-JAN-2012 23:51
Client ID: JM22-QCWIPE1-011812
Sample Info: a350505601

Instrument: secd04.i
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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3505056

Data File: 501812.D
Report Date: 07-Feb-2012 11:55

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\E4011912.b\501812.D
Lab Smp Id: 350505601 Client Smp ID: JM22-QCWIPE1-011812
Inj Date : 19-JAN-2012 23:51
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a350505601
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\8082A.m\8082a.m
Meth Date : 20-Jan-2012 19:19 methree Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 38
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pall.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

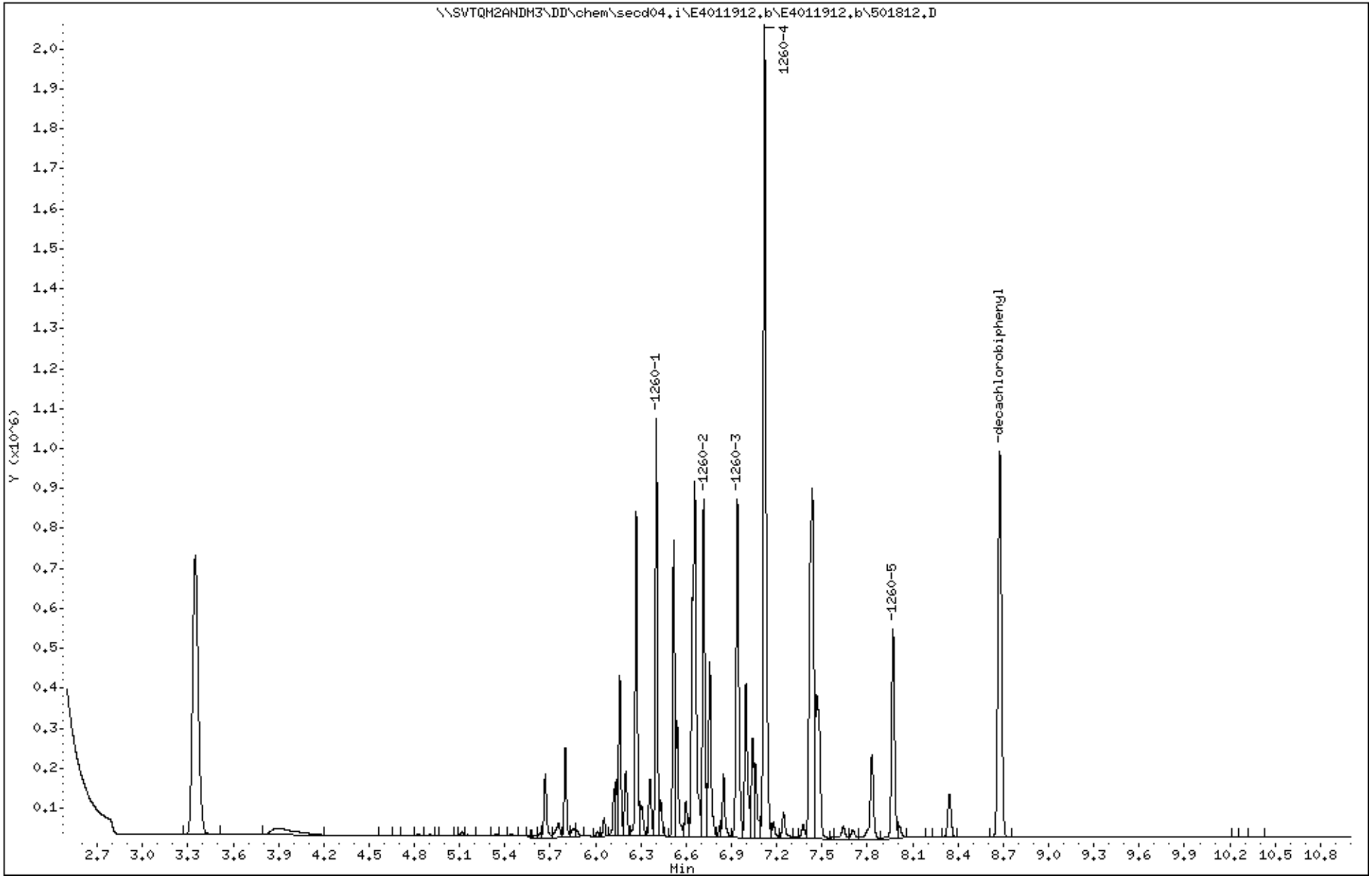
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
7	1260-1	6.402	6.401	0.001	985373	0.17467	1.7(M)
8	1260-2	6.715	6.714	0.001	905307	0.18932	1.9
9	1260-3	6.939	6.938	0.001	1050753	0.22051	2.2
10	1260-4	7.119	7.118	0.001	2526174	0.20671	2.1
11	1260-5	7.970	7.969	0.001	745423	0.24956	2.5
M 12	PCB 1260 Total				6213030	1.04076	10.4
$ 45	decachlorobiphenyl	8.676	8.676	0.000	1596389	0.08388	0.84

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\E4011912.b\501812.D
Date : 19-JAN-2012 23:51
Client ID: JM22-QCWIPE1-011812
Instrument: secd04.i
Sample Info: a350505601
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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3505056

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\ACCV4.D
Report Date: 07-Feb-2012 11:55

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\ACCV4.D
Lab Smp Id: 44593 Client Smp ID: ACCV4
Inj Date : 20-JAN-2012 00:21
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44593
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\8082A.m
Meth Date : 26-Jan-2012 18:33 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 40 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol.of extract
Ws	15.000	weight of sample extracted (g)
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.837	3.837	0.000	88927	0.10000	0.11
	2 1016-2	4.249	4.250	-0.001	117449	0.10000	0.11
	3 1016-3	4.726	4.726	0.000	294415	0.10000	0.10(M)
	4 1016-4	4.851	4.851	0.000	142444	0.10000	0.11(M)
	5 1016-5	5.284	5.284	0.000	68750	0.10000	0.098(M)
M	6 PCB 1016 Total				711985	0.50000	0.53
	7 1260-1	6.338	6.337	0.001	974903	0.10000	0.086
	8 1260-2	6.614	6.613	0.001	714805	0.10000	0.094
	9 1260-3	6.799	6.799	0.000	554873	0.10000	0.091
	10 1260-4	7.026	7.026	0.000	1706037	0.10000	0.098
	11 1260-5	7.814	7.813	0.001	336095	0.10000	0.095
M	12 PCB 1260 Total				4286713	0.50000	0.46
$	45 decachlorobiphenyl	8.331	8.330	0.001	1020177	0.05000	0.050

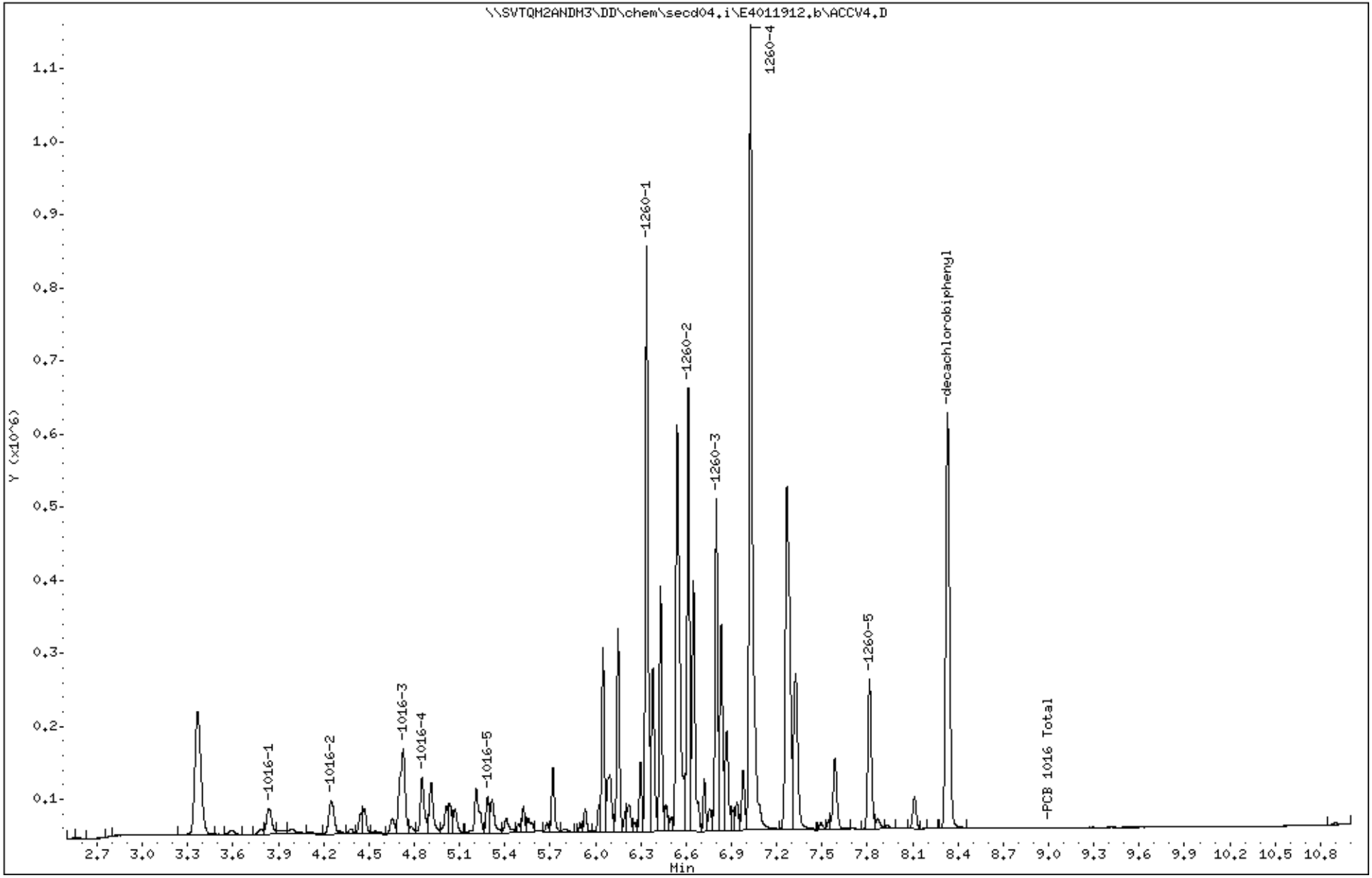
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\ACCV4.D
Date : 20-JAN-2012 00:21
Client ID: ACCV4
Sample Info: 44593

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



3505056

Data File: ACCV4.D
Report Date: 07-Feb-2012 11:55

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\E4011912.b\ACCV4.D
Lab Smp Id: 44593 Client Smp ID: ACCV4
Inj Date : 20-JAN-2012 00:21
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44593
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\8082A.m\8082a.m
Meth Date : 20-Jan-2012 19:19 methree Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 40 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol.of extract
Ws	15.000	weight of sample extracted (g)
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.957	3.956	0.001	220327	0.10000	0.10(M)
	2 1016-2	4.393	4.391	0.002	362725	0.10000	0.12(M)
	3 1016-3	4.831	4.831	0.000	847997	0.10000	0.11(M)
	4 1016-4	4.951	4.950	0.001	330616	0.10000	0.11(M)
	5 1016-5	5.340	5.339	0.001	243224	0.10000	0.10(M)
M	6 PCB 1016 Total				2004889	0.50000	0.54
	7 1260-1	6.402	6.401	0.001	533227	0.10000	0.094(M)
	8 1260-2	6.715	6.714	0.001	432355	0.10000	0.090(M)
	9 1260-3	6.939	6.938	0.001	476797	0.10000	0.10(M)
	10 1260-4	7.119	7.118	0.001	1152829	0.10000	0.094(M)
	11 1260-5	7.970	7.969	0.001	286737	0.10000	0.096(M)
M	12 PCB 1260 Total				2881945	0.50000	0.48
$	45 decachlorobiphenyl	8.677	8.676	0.001	970659	0.05000	0.051

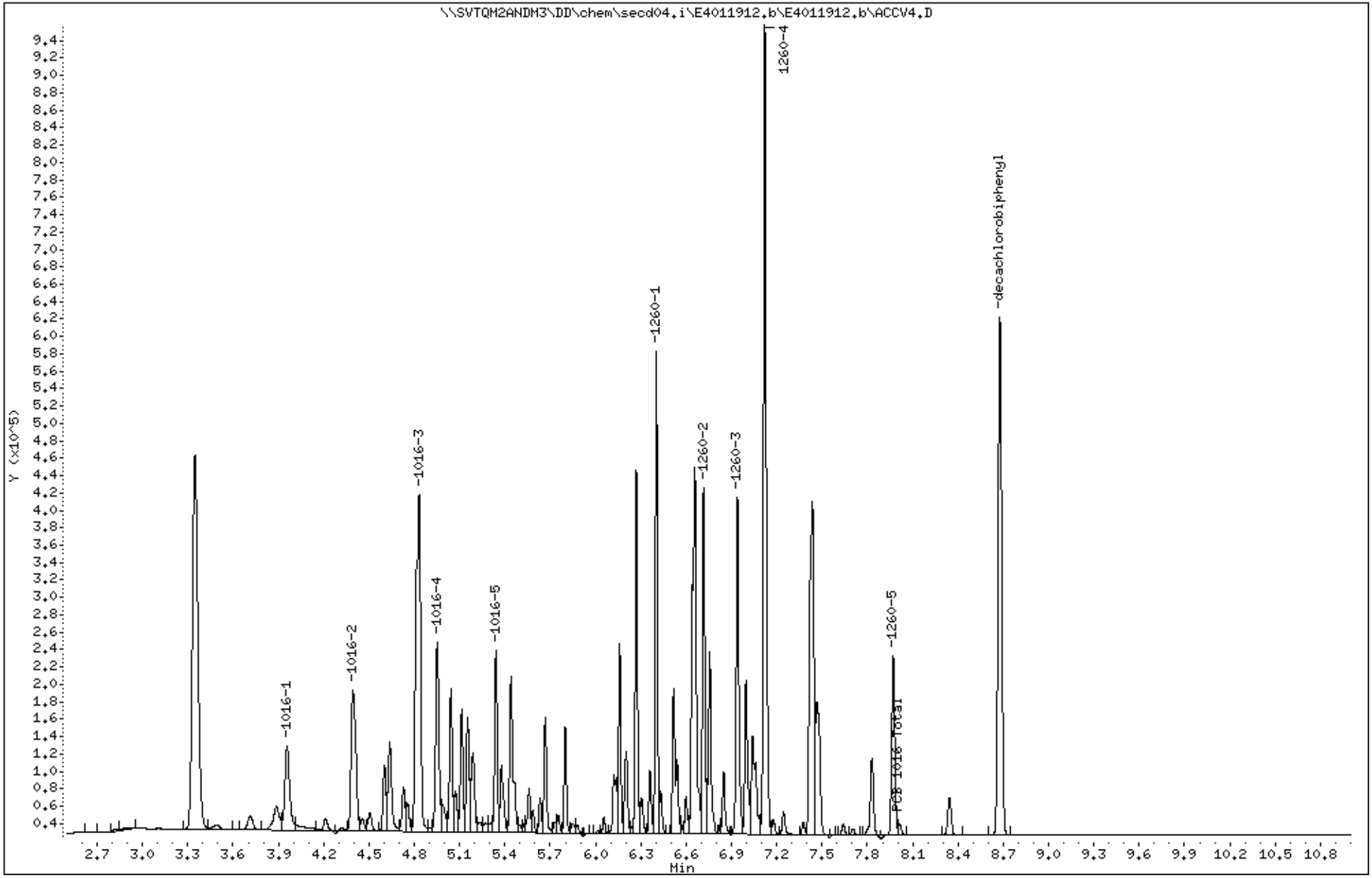
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4011912.b\E4011912.b\ACCV4.D
Date : 20-JAN-2012 00:21
Client ID: ACCV4
Sample Info: 44593

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



End Of Report

070212 1718

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY
Florida Division

TEST REPORT

Florida	# E84207	California	# 07253CA
Texas	# T104704408-11-3	Louisiana	# 02025
South Carolina	# 96011001	Kansas	# E-10385
North Dakota	# R-178	Arkansas	#11-036-1

LABORATORY ACCREDITATION BUREAU ACCREDITED
Certificate # L2259 Testing

Customer Name:	CH2M Hill
Date and Time Received:	1/24/2012 9:20:00 AM
Date Reported:	2/7/2012
Laboratory Submission Number/SDG:	3505044
Project:	NAS Key West / JM-22 / Parcel K / 395479

The submission consisted of 1sample(s) with sample identification shown in the attached data tables.

The samples were analyzed for the methods listed on the attached table of contents. See the attached data tables for results.

Distribution of Report to:

CH2M Hill
Attn: Kama White
WorkPhone:

Respectfully Submitted,

Brian Spann
Laboratory Director
Spectrum Analytical, Inc. FL Division

Soil samples are reported on dry weight basis, unless otherwise noted.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. Spectrum Analytical, Inc. letters an reports are for the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials. This report shall not be reproduced except in full without written approval from Spectrum Analytical, Inc.

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QC Summary 21
Standards Data 33

Chain of Custody Documentation 54

Addendum 59

Appendix 68
Raw Data Method 8082 69

End Of Report 150

EXECUTIVE SUMMARY - Detection Highlights

3505044

SAMPLE ID: JM22-QCWIPE2-012312

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aroclor-1260	1.00	0.99	UG/WIPE	SW8082

070212 1716

Organics

070212 1716

Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

070212 1716

Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

070212 1716

Method 8082 PCB Organics

070212 1716

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

Spectrum Analytical Inc. Lab Reference No./SDG: 3505044

Client: CH2M Hill

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis.

IV. PREPARATION

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

Spectrum Analytical Inc. Lab Reference No./SDG: 3505044

Client: CH2M Hill

F. Samples:

Data was collected using dual column analysis. Results reported from the primary column if the %D between the two columns is >40%, data is coded.

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Spectrum Analytical Inc., both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE:**
02/07/2012

CASE NARRATIVE

Spectrum Analytical Inc. Lab Reference No./SDG: 3505044

Client: CH2M Hill

MANUAL INTEGRATION SUMMARY

The following analytes were manually integrated by the chemist.

Calibration Sample: CCV1048747 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1048747 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1048747 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1048747 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1048747 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1048747 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1048747 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1048747 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1048747 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1048747 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1048748 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1048748 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1048748 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1048748 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1048748 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1048748 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1049062 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1049062 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1049062 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505044

Client: CH2M Hill

Calibration Sample: CCV1049062 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1049062 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1049063 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1049063 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1049063 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1049063 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1049063 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1049063 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1049063 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1049063 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1049063 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1049063 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1044694 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1044694 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1044694 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1044694 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1044694 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1044694 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1044694 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1044694 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1044694 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505044

Client: CH2M Hill

Calibration Sample: SSC1047866 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1047866 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1047866 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1047866 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1047866 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1047866 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1047866 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1047866 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1047866 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1047866 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044683 Analyte: 1232-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044683 Analyte: 1232-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044683 Analyte: 1232-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044684 Analyte: 1242-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044684 Analyte: 1242-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044684 Analyte: 1242-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044684 Analyte: 1242-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044685 Analyte: 1248-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044685 Analyte: 1248-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044685 Analyte: 1248-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044685 Analyte: 1248-4
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505044

Client: CH2M Hill

Calibration Sample: STD1044685 Analyte: 1248-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044686 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044686 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044686 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044686 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044686 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044686 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044686 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044686 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044687 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044687 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044687 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044687 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044687 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044687 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044687 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044687 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044687 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044688 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044688 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044688 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505044

Client: CH2M Hill

Calibration Sample: STD1044688 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044688 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044688 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044688 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044688 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044688 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044689 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044689 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044689 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044689 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044689 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044689 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044689 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044689 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044689 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044690 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044690 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044690 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044690 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044690 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044690 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505044

Client: CH2M Hill

Calibration Sample: STD1044690 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044690 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044690 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044691 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044691 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044691 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044691 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044691 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044691 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044691 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044691 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1044691 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047848 Analyte: 1221-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047848 Analyte: 1221-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047848 Analyte: 1254-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047848 Analyte: 1254-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047848 Analyte: 1254-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047848 Analyte: 1254-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047848 Analyte: 1254-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047849 Analyte: 1232-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047849 Analyte: 1232-3
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505044

Client: CH2M Hill

Calibration Sample: STD1047849 Analyte: 1232-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047849 Analyte: 1232-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047850 Analyte: 1242-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047850 Analyte: 1242-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047850 Analyte: 1242-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047850 Analyte: 1242-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047851 Analyte: 1248-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047851 Analyte: 1248-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047851 Analyte: 1248-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047851 Analyte: 1248-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047851 Analyte: 1248-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047852 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047852 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047852 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047852 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047852 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047852 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047852 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047852 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047852 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047852 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505044

Client: CH2M Hill

Calibration Sample: STD1047853 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047853 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047853 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047853 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047853 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047853 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047853 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047853 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047853 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047853 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047854 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047854 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047854 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047854 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047854 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047854 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047854 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047854 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047854 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047854 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047855 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505044

Client: CH2M Hill

Calibration Sample: STD1047855 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047855 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047855 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047855 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047855 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047855 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047855 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047855 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047855 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047856 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047856 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047856 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047856 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047856 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047856 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047856 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047856 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047857 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047857 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047857 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047857 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak

CASE NARRATIVE

Spectrum Analytical Inc. Lab Reference No./SDG: 3505044

Client: CH2M Hill

Calibration Sample: STD1047857 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047857 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047857 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047857 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047857 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1047857 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak

These manual integrations have been reviewed and meet all criteria in accordance with Spectrum Analytical Inc.'s SOP regarding manual integration.

CHEMIST: **DATE: 02/07/2012**

Signature:
Name: Brian C. Spanh **Title:** Lab Director

SECTION LEADER:
DATE: 02/07/2012

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K /

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

Method: 8082

EPA Sample No	Lab Sample ID
JM22-QCWIPE2-012312	350504401

070212 1717

8082 Sample Data

070212 1717

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

JM22-QCWIPE2-012312

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

Matrix: WIPE Lab Sample ID: 350504401 Lab File ID: 504401.D

Sample wt/vol: 1 Units: G Date Received: 01/24/12

Concentrated Extract Volume: 10 Date Extracted: 01/24/12

Level:(low/med) LOW Date Analyzed: 01/24/12 Time: 1659

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/WIPE

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.99	U	0.43	0.99
11096-82-5	Aroclor-1260	1		0.23	0.99
11104-28-2	Aroclor-1221	0.99	U	0.4	0.99
11141-16-5	Aroclor-1232	0.99	U	0.66	0.99
53469-21-9	Aroclor-1242	0.99	U	0.36	0.99
12672-29-6	Aroclor-1248	0.99	U	0.36	0.99
11097-69-1	Aroclor-1254	0.99	U	0.31	0.99

Results reported on Primary Column, if RPD >40% results flagged accordingly.

8082 QC Summary

070212 1717

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 114613MB

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K

Lab Code : PEL Case No.: SAS No: SDG No.: 3505044

Matrix: WIPE Lab Sample ID: 114613MB Lab File ID: 8077MB.D

Sample wt/vol: 1 Units: G Date Received: 01/24/12

Concentrated Extract Volume: 10 Date Extracted: 01/24/12

Level:(low/med) LOW Date Analyzed: 01/24/12 Time: 1614

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/WIPE

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.99	U	0.43	0.99
11096-82-5	Aroclor-1260	0.99	U	0.23	0.99
11104-28-2	Aroclor-1221	0.99	U	0.4	0.99
11141-16-5	Aroclor-1232	0.99	U	0.66	0.99
53469-21-9	Aroclor-1242	0.99	U	0.36	0.99
12672-29-6	Aroclor-1248	0.99	U	0.36	0.99
11097-69-1	Aroclor-1254	0.99	U	0.31	0.99

Results reported on Primary Column, if RPD >40% results flagged accordingly.

4

PCB ORGANIC METHOD BLANK SUMMARY

EPA Sample No.: 114613MB

Lab Name: Spectrum Analytical, Inc Contract: NAS Key West / JM-22 / Parcel K / 3

Lab Code : PEL Case No.: SAS No: SDG No.: 3505044

Lab File ID: 8077MB.D Lab Sample ID: 114613MB

Instrument ID: SECD04 Date Extracted: 01/24/12

Matrix: SOIL Date Analyzed: 01/24/12

Level:(low/med) LOW Time Analyzed: 1614

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	114614LCS	114614LCS	8077LCS.D	01/24/12	1629
2	114635LCSD	114635LCSD	8077LCSD.D	01/24/12	1644
3	JM22-QCWIPE2-012312	350504401	504401.D	01/24/12	1659

COMMENTS:

2A

WIPE PCB ORGANIC SURROGATE RECOVERY

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parce

Lab Code : PEL Case No. _____ SAS No: _____ SDG NO.: 3505044

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

EPA Sample NO.	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	TOT OUT
114613MB	99.0						0
114614LCS	97.0						0
114635LCSD	97.0						0
JM22-QCWIPE2-012312	62.0						0

Control Limits

S1 = Decachlorobiphenyl 33 - 140

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

Control limit source: (lab/method) METHOD

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Form II

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8

PCB ORGANIC ANALYTICAL SEQUENCE

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505044

GC Column: STX-CLP1 ID: 0.32 (mm) Init. Calib. Date: 12/28/11

Instrument ID: SECD04

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MIDCAL SURROGATE RT FROM INITIAL CALIBRATION
S1 : S2 :

	CLIENT SAMPLE NO	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
1	STD1044683	44134	32CAL3.D	12/28/11	1518		
2	STD1044684	42497	42CAL3.D	12/28/11	1533		
3	STD1044685	44340	48CAL3.D	12/28/11	1738		
4	STD1044682	44135	2154CAL3.D	12/28/11	1753		
5	STD1044691	44123	ACAL6.D	12/28/11	1808	8.33	
6	STD1044690	44124	ACAL5.D	12/28/11	1823	8.33	
7	STD1044689	44125	ACAL4.D	12/28/11	1838	8.33	
8	STD1044688	44126	ACAL3.D	12/28/11	1853	8.33	
9	STD1044687	44127	ACAL2.D	12/28/11	1908	8.33	
10	STD1044686	44128	ACAL1.D	12/28/11	1924	8.33	
11	SSC1044694	43164	ASEC.D	12/28/11	1939	8.33	
12	ACCV4	44593	ACCV4.D	01/24/12	1049		
13	114613MB	114613MB	8077MB.D	01/24/12	1614	8.32	
14	114614LCS	114614LCS	8077LCS.D	01/24/12	1629	8.32	
15	114635LCSD	114635LCSD	8077LCSD.D	01/24/12	1644	8.32	
16	JM22-QCWIPE2-012312	350504401	504401.D	01/24/12	1659	8.32	
17	ACCV5	44593	ACCV5.D	01/24/12	1729		

QC LIMITS

S1 = Decachlorobiphenyl (+/- 0.2 MINUTES)

Column used to flag retention time values with an asterisk.

* Values outside of QC limits

8

PCB ORGANIC ANALYTICAL SEQUENCE

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39547

Lab Code : PEL Case No.: SAS No: SDG No.: 3505044

GC Column: STX-CLP2 ID: 0.32 (mm) Init. Calib. Date: 12/28/11

Instrument ID: SECD04

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MIDCAL SURROGATE RT FROM INITIAL CALIBRATION
S1 : S2 :

	CLIENT SAMPLE NO	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
1	STD1047849	44134	32CAL3.D	12/28/11	1518		
2	STD1047850	42497	42CAL3.D	12/28/11	1533		
3	STD1047851	44340	48CAL3.D	12/28/11	1738		
4	STD1047848	44135	2154CAL3.D	12/28/11	1753		
5	STD1047857	44123	ACAL6.D	12/28/11	1808	8.68	
6	STD1047856	44124	ACAL5.D	12/28/11	1823	8.68	
7	STD1047855	44125	ACAL4.D	12/28/11	1838	8.68	
8	STD1047854	44126	ACAL3.D	12/28/11	1853	8.68	
9	STD1047853	44127	ACAL2.D	12/28/11	1908	8.68	
10	STD1047852	44128	ACAL1.D	12/28/11	1924	8.68	
11	SSC1047866	43164	ASEC.D	12/28/11	1939	8.68	
12	ACCV4	44593	ACCV4.D	01/24/12	1049		
13	114613MB	114613MB	8077MB.D	01/24/12	1614	8.66	
14	114614LCS	114614LCS	8077LCS.D	01/24/12	1629	8.66	
15	114635LCSD	114635LCSD	8077LCSD.D	01/24/12	1644	8.66	
16	JM22-QCWIPE2-012312	350504401	504401.D	01/24/12	1659	8.66	
17	ACCV5	44593	ACCV5.D	01/24/12	1729		

QC LIMITS

S1 = Decachlorobiphenyl (+/- 0.2 MINUTES)

Column used to flag retention time values with an asterisk.

* Values outside of QC limits

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10

PCB ORGANIC DUAL COLUMN CONFIRMATION CHECK

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 3 | 114613MB

Lab Code : PEL Case No.: SAS No: SDG No.: 3505044

Lab Sample ID: 114613MB Date(s) Analyzed: 01/24/12 01/24/12

Instrumet ID (1): SECD04 Instrumet ID (2): SECD04

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

COMPOUND		COL	RT	EXP RT	DIFF	AREA	AMOUNT	CONC	%D
Decachlorobiphenyl	*	1	8.323	8.341	0.018	2034139	0.099	0.99	
		2	8.663	8.687	0.024	2033527	0.11	1.1	10.53

* Column used for quantitation

10

PCB ORGANIC DUAL COLUMN CONFIRMATION CHECK

EPA Sample No.: 114614LCS

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 3

Lab Code : PEL Case No.: SAS No: SDG No.: 3505044

Lab Sample ID: 114614LCS Date(s) Analyzed: 01/24/12 01/24/12

Instrumet ID (1): SECD04 Instrumet ID (2): SECD04

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

COMPOUND		COL	RT	EXP RT	DIFF	AREA	AMOUNT	CONC	%D
Aroclor-1016	*	1	9.000	9.000	0.000	1194556	0.89	8.9	
		2	8.000	8.000	0.000	3761535	1.0	10.2	13.61
Aroclor-1260	*	1	17.000	17.000	0.000	7914738	0.86	8.6	
		2	17.000	17.000	0.000	5624221	0.94	9.4	8.89
Decachlorobiphenyl	*	1	8.317	8.341	0.024	1999031	0.097	0.97	
		2	8.660	8.687	0.027	2010253	0.10	1	3.05

* Column used for quantitation

10

PCB ORGANIC DUAL COLUMN CONFIRMATION CHECK

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 3 | 114635LCSD

Lab Code : PEL Case No.: SAS No: SDG No.: 3505044

Lab Sample ID: 114635LCSD Date(s) Analyzed: 01/24/12 01/24/12

Instrumet ID (1): SECD04 Instrumet ID (2): SECD04

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

COMPOUND		COL	RT	EXP RT	DIFF	AREA	AMOUNT	CONC	%D
Aroclor-1016	*	1	9.000	9.000	0.000	1200682	0.90	9	
		2	8.000	8.000	0.000	3726262	1.0	10	10.53
Aroclor-1260	*	1	17.000	17.000	0.000	7909363	0.86	8.6	
		2	17.000	17.000	0.000	5594682	0.93	9.3	7.82
Decachlorobiphenyl	*	1	8.317	8.341	0.024	1990065	0.097	0.97	
		2	8.661	8.687	0.026	1985864	0.10	1	3.05

* Column used for quantitation

10

PCB ORGANIC DUAL COLUMN CONFIRMATION CHECK

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 3 JM22-QCWIPE2-012312

Lab Code : PEL Case No.: SAS No: SDG No.: 3505044

Lab Sample ID: 350504401 Date(s) Analyzed: 01/24/12 01/24/12

Instrumet ID (1): SECD04 Instrumet ID (2): SECD04

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

COMPOUND		COL	RT	EXP RT	DIFF	AREA	AMOUNT	CONC	%D
Aroclor-1260	*	1	17.000	17.000	0.000	905356	0.10	1	
		2	17.000	17.000	0.000	583076	0.096	0.96	4.08
Decachlorobiphenyl	*	1	8.317	8.341	0.024	1273065	0.062	0.62	
		2	8.661	8.687	0.026	1178294	0.062	0.62	0.00

* Column used for quantitation

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 114614LCS

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parce

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 3505044

COMPOUND	SPIKE ADDED ug/wipe	LCS CONCENTRATION ug/wipe	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10	8.9	89.0			43 - 137
Aroclor-1260	10	8.6	86.0			48 - 154

Spike Recovery: 0 out of 2 outside limits

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

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Form III

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.: 114635LCSD

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parce

Lab Code : PEL Case No. _____ SAS No: _____ SDG No.: 3505044

COMPOUND	SPIKE ADDED ug/wipe	LCS CONCENTRATION ug/wipe	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10	9	90.0	1.1	30	43 - 137
Aroclor-1260	10	8.6	86.0	0.0	30	48 - 154

Spike Recovery: 0 out of 2 outside limits

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

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Form III

8082 Standards Data

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6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

LAB FILE ID:	RRF0.006 =ACAL1.D	RRF0.02 =ACAL2.D
RRF0.1 =32CAL3.D	RRF0.2 =ACAL4.D	RRF0.4 =ACAL5.D

COMPOUND	RRF0.006	RRF0.02	RRF0.1	RRF0.2	RRF0.4
1260-1	11541500	11181200	10825950	10947575	11352567.5
1260-2	8196166.667	7573400	7228810	7259575	7495182.5
1260-3	6387333.333	5993250	5873560	5859490	6099870
1260-5	3968833.333	3792800	3372470	3298255	3305692.5
1016-1	857833.333	907600	877010	782390	773092.5
1016-2	1035000	1164100	1121790	1031505	996342.5
1016-3	2967166.667	2873500	2860890	2727555	2695312.5
1016-4	1416166.667	1292600	1333300	1248310	1214630
1016-5	738833.333	711950	708410	675320	673082.5
1260-4	18163500	16996350	16495750	16773575	17441862.5
1221-1			214505.882		
1221-2			131270.588		
1221-3			628088.235		
1232-1			209830		
1232-2			855950		
1232-3			510680		
1232-4			1380940		
1232-5			583370		
1242-1			595320		
1242-2			903350		
1242-3			2299150		
1242-4			1050860		
1242-5			989420		
1248-1			816870		
1248-2			865690		
1248-3			927920		
1248-4			1574670		
1248-5			3256010		
1254-1			1945140		
1254-2			4855730		
1254-3			2125190		
1254-4			4632870		
1254-5			6042230		

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

LAB FILE ID: RRF0.006 =ACAL1.D RRF0.02 =ACAL2.D
RRF0.1 =32CAL3.D RRF0.2 =ACAL4.D RRF0.4 =ACAL5.D

COMPOUND	RRF0.006	RRF0.02	RRF0.1	RRF0.2	RRF0.4
Decachlorobiphenyl(SURR)	24376333.33	22268900	19276520	18963650	19019810

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PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

LAB FILE ID: RRF0.5 =ACAL6.D

COMPOUND	RRF0.5				
1260-1	11765302				
1260-2	7744064				
1260-3	6241470				
1260-5	3401376				
1016-1	800362				
1016-2	1018388				
1016-3	2757382				
1016-4	1243338				
1016-5	676410				
1260-4	18046936				
1221-1					
1221-2					
1221-3					
1232-1					
1232-2					
1232-3					
1232-4					
1232-5					
1242-1					
1242-2					
1242-3					
1242-4					
1242-5					
1248-1					
1248-2					
1248-3					
1248-4					
1248-5					
1254-1					
1254-2					
1254-3					
1254-4					
1254-5					

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

LAB FILE ID: RRF0.5 =ACAL6.D

COMPOUND	RRF0.5				
Decachlorobiphenyl(SURR)	19566148				

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FORM VI

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

COMPOUND	CURVE	COEFFICIENTS AO	COEFFICIENTS A1	%RSD OR R^2
1260-1	AVRG		11269015.75	3.2
1260-2	AVRG		7582866.361	4.7
1260-3	AVRG		6075828.889	3.4
1260-5	AVRG		3523237.806	8.1
1016-1	AVRG		833047.9722	6.6
1016-2	AVRG		1061187.583	6.2
1016-3	AVRG		2813634.361	3.7
1016-4	AVRG		1291390.778	5.7
1016-5	AVRG		697334.3056	3.8
1260-4	AVRG		17319662.25	3.9
1221-1	AVRG		214505.8824	0
1221-2	AVRG		131270.5882	0
1221-3	AVRG		628088.2353	0
1232-1	AVRG		209830	0
1232-2	AVRG		855950	0
1232-3	AVRG		510680	0
1232-4	AVRG		1380940	0
1232-5	AVRG		583370	0
1242-1	AVRG		595320	0
1242-2	AVRG		903350	0
1242-3	AVRG		2299150	0
1242-4	AVRG		1050860	0
1242-5	AVRG		989420	0
1248-1	AVRG		816870	0
1248-2	AVRG		865690	0
1248-3	AVRG		927920	0
1248-4	AVRG		1574670	0
1248-5	AVRG		3256010	0
1254-1	AVRG		1945140	0
1254-2	AVRG		4855730	0
1254-3	AVRG		2125190	0
1254-4	AVRG		4632870	0

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PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

COMPOUND	CURVE	COEFFICIENTS AO	COEFFICIENTS A1	%RSD OR R^2
1254-5	AVRG		6042230	0
==========	==========	==========	==========	==========
Decachlorobiphenyl(SURR)	AVRG		20578560.22	10.9

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

Min RRF for SPCC(#) = 0 Max %RSD for CCC(*) = 0 %

LAB FILE ID: RT1: ACAL1.D RT2: ACAL2.D
RT3: 32CAL3.D RT4: ACAL4.D RT5: ACAL5.D

COMPOUND	RT1	RT2	RT3	RT4	RT5	MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
1260-1	6.340	6.340	6.339	6.338	6.338			
1260-2	6.614	6.615	6.614	6.613	6.613			
1260-3	6.800	6.800	6.799	6.799	6.799			
1260-5	7.815	7.813	7.813	7.813	7.812			
1016-1	3.852	3.851	3.847	3.845	3.841			
1016-2	4.257	4.258	4.258	4.255	4.253			
1016-3	4.739	4.736	4.733	4.732	4.729			
1016-4	4.859	4.860	4.858	4.855	4.853			
1016-5	5.292	5.291	5.290	5.289	5.288			
1260-4	7.027	7.026	7.026	7.026	7.025			
1221-1			3.600					
1221-2			3.789					
1221-3			3.842					
1232-1			3.599					
1232-2			3.841					
1232-3			4.254					
1232-4			4.733					
1232-5			4.857					
1242-1			3.844					
1242-2			4.255					
1242-3			4.732					
1242-4			4.856					
1242-5			4.917					
1248-1			4.739					
1248-2			5.022					
1248-3			5.296					
1248-4			5.499					
1248-5			5.564					
1254-1			5.560					
1254-2			5.720					
1254-3			5.935					
1254-4			6.024					
1254-5			6.221					
==========								
Decachlorobiphenyl(SURR)	8.327	8.328	8.328	8.328	8.328			

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

Min RRF for SPCC(#) = 0 Max %RSD for CCC(*) = 0 %

LAB FILE ID: RT6: ACAL6.D

COMPOUND	RT6					MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
1260-1	6.338					6.339	6.139	6.539
1260-2	6.614					6.614	6.414	6.814
1260-3	6.799					6.799	6.599	6.999
1260-5	7.812					7.813	7.613	8.013
1016-1	3.841					3.847	3.647	4.047
1016-2	4.253					4.258	4.058	4.458
1016-3	4.728					4.733	4.533	4.933
1016-4	4.854					4.858	4.658	5.058
1016-5	5.287					5.290	5.090	5.490
1260-4	7.024					7.026	6.826	7.226
1221-1						3.600	3.400	3.800
1221-2						3.789	3.589	3.989
1221-3						3.842	3.642	4.042
1232-1						3.599	3.399	3.799
1232-2						3.841	3.641	4.041
1232-3						4.254	4.054	4.454
1232-4						4.733	4.533	4.933
1232-5						4.857	4.657	5.057
1242-1						3.844	3.644	4.044
1242-2						4.255	4.055	4.455
1242-3						4.732	4.532	4.932
1242-4						4.856	4.656	5.056
1242-5						4.917	4.717	5.117
1248-1						4.739	4.539	4.939
1248-2						5.022	4.822	5.222
1248-3						5.296	5.096	5.496
1248-4						5.499	5.299	5.699
1248-5						5.564	5.364	5.764
1254-1						5.560	5.360	5.760
1254-2						5.720	5.520	5.920
1254-3						5.935	5.735	6.135
1254-4						6.024	5.824	6.224
1254-5						6.221	6.021	6.421
Decachlorobiphenyl(SURR)	8.329					8.328	8.128	8.528

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

LAB FILE ID: RRF0.006 =ACAL1.D RRF0.02 =ACAL2.D
RRF0.1 =32CAL3.D RRF0.2 =ACAL4.D RRF0.4 =ACAL5.D

COMPOUND	RRF0.006	RRF0.02	RRF0.1	RRF0.2	RRF0.4
1260-1	6110333.333	5739250	5507700	5476580	5452582.5
1260-2	5144666.667	4899450	4644690	4604125	4651457.5
1260-3	5073166.667	4829850	4593230	4616400	4680677.5
1260-5	2920666.667	2878400	2903180	2953210	3087665
1016-1	2158000	2128550	2082120	2090395	2092195
1016-2	3412833.333	3097600	3196310	3085170	2993350
1016-3	8380333.333	7809650	7450190	7349545	7225075
1016-4	3473166.667	3147750	2931910	2874085	2810107.5
1016-5	2600333.333	2419700	2271530	2234170	2227977.5
1260-4	12462500	12163650	12126190	12140775	12128122.5
1221-1			538817.647		
1221-2			330970.588		
1221-3			1257288.235		
1232-1			577790		
1232-2			1736470		
1232-3			1523000		
1232-4			709550		
1232-5			3301910		
1242-1			1279340		
1242-2			2579650		
1242-3			5990830		
1242-4			2381030		
1242-5			1519880		
1248-1			1660890		
1248-2			2072560		
1248-3			2722950		
1248-4			3172400		
1248-5			3729790		
1254-1			1432260		
1254-2			2932380		
1254-3			3293330		
1254-4			2527970		
1254-5			5304440		

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

LAB FILE ID: RRF0.006 =ACAL1.D RRF0.02 =ACAL2.D
RRF0.1 =32CAL3.D RRF0.2 =ACAL4.D RRF0.4 =ACAL5.D

COMPOUND	RRF0.006	RRF0.02	RRF0.1	RRF0.2	RRF0.4
Decachlorobiphenyl(SURR)	20497666.67	19241700	18316280	18370490	18618270

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

LAB FILE ID: RRF0.5 =ACAL6.D

COMPOUND	RRF0.5				
1260-1	5561732				
1260-2	4747560				
1260-3	4797344				
1260-5	3178864				
1016-1	2135668				
1016-2	3056646				
1016-3	7275776				
1016-4	2835352				
1016-5	2288108				
1260-4	12303916				
1221-1					
1221-2					
1221-3					
1232-1					
1232-2					
1232-3					
1232-4					
1232-5					
1242-1					
1242-2					
1242-3					
1242-4					
1242-5					
1248-1					
1248-2					
1248-3					
1248-4					
1248-5					
1254-1					
1254-2					
1254-3					
1254-4					
1254-5					

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

LAB FILE ID: RRF0.5 =ACAL6.D

COMPOUND	RRF0.5				
Decachlorobiphenyl(SURR)	19145416				

070212 1717

FORM VI

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

COMPOUND	CURVE	COEFFICIENTS		%RSD
		AO	A1	OR R^2
1260-1	AVRG		5641362.972	4.5
1260-2	AVRG		4781991.528	4.3
1260-3	AVRG		4765111.361	3.7
1260-5	AVRG		2986997.611	4
1016-1	AVRG		2114488	1.4
1016-2	AVRG		3140318.222	4.7
1016-3	AVRG		7581761.556	5.8
1016-4	AVRG		3012061.861	8.5
1016-5	AVRG		2340303.139	6.2
1260-4	AVRG		12220858.92	1.1
1221-1	AVRG		538817.6471	0
1221-2	AVRG		330970.5882	0
1221-3	AVRG		1257288.235	0
1232-1	AVRG		577790	0
1232-2	AVRG		1736470	0
1232-3	AVRG		1523000	0
1232-4	AVRG		709550	0
1232-5	AVRG		3301910	0
1242-1	AVRG		1279340	0
1242-2	AVRG		2579650	0
1242-3	AVRG		5990830	0
1242-4	AVRG		2381030	0
1242-5	AVRG		1519880	0
1248-1	AVRG		1660890	0
1248-2	AVRG		2072560	0
1248-3	AVRG		2722950	0
1248-4	AVRG		3172400	0
1248-5	AVRG		3729790	0
1254-1	AVRG		1432260	0
1254-2	AVRG		2932380	0
1254-3	AVRG		3293330	0
1254-4	AVRG		2527970	0
1254-5	AVRG		5304440	0

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

COMPOUND	CURVE	COEFFICIENTS AO	COEFFICIENTS A1	%RSD OR R^2
Decachlorobiphenyl(SURR)	AVRG		19031637.11	4.3

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

Min RRF for SPCC(#) = Max %RSD for CCC(*) = %

LAB FILE ID: RT1: ACAL1.D RT2: ACAL2.D
RT3: 32CAL3.D RT4: ACAL4.D RT5: ACAL5.D

COMPOUND	RT1	RT2	RT3	RT4	RT5	MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
1260-1	6.406	6.406	6.405	6.406	6.405			
1260-2	6.718	6.719	6.718	6.718	6.718			
1260-3	6.943	6.943	6.943	6.943	6.943			
1260-5	7.975	7.976	7.974	7.975	7.974			
1016-1	3.961	3.964	3.963	3.963	3.958			
1016-2	4.397	4.398	4.398	4.398	4.395			
1016-3	4.837	4.837	4.836	4.835	4.834			
1016-4	4.956	4.957	4.956	4.955	4.953			
1016-5	5.344	5.346	5.345	5.344	5.343			
1260-4	7.122	7.123	7.123	7.123	7.123			
1221-1			3.715					
1221-2			3.886					
1221-3			3.959					
1232-1			3.716					
1232-2			3.960					
1232-3			4.396					
1232-4			4.640					
1232-5			4.834					
1242-1			3.960					
1242-2			4.396					
1242-3			4.835					
1242-4			4.955					
1242-5			5.046					
1248-1			4.816					
1248-2			5.116					
1248-3			5.343					
1248-4			5.634					
1248-5			5.672					
1254-1			5.115					
1254-2			5.669					
1254-3			5.801					
1254-4			6.057					
1254-5			6.140					

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

Min RRF for SPCC(#) = Max %RSD for CCC(*) = %

LAB FILE ID: RT1: ACAL1.D RT2: ACAL2.D
RT3: 32CAL3.D RT4: ACAL4.D RT5: ACAL5.D

COMPOUND	RT1	RT2	RT3	RT4	RT5	MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl(SURR)	8.682	8.683	8.683	8.683	8.683			

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

Min RRF for SPCC(#) = Max %RSD for CCC(*) = %

LAB FILE ID: RT6: ACAL6.D

COMPOUND	RT6					MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
1260-1	6.404					6.405	6.205	6.605
1260-2	6.718					6.718	6.518	6.918
1260-3	6.942					6.943	6.743	7.143
1260-5	7.974					7.974	7.774	8.174
1016-1	3.959					3.963	3.763	4.163
1016-2	4.394					4.398	4.198	4.598
1016-3	4.833					4.836	4.636	5.036
1016-4	4.953					4.956	4.756	5.156
1016-5	5.343					5.345	5.145	5.545
1260-4	7.122					7.123	6.923	7.323
1221-1						3.715	3.515	3.915
1221-2						3.886	3.686	4.086
1221-3						3.959	3.759	4.159
1232-1						3.716	3.516	3.916
1232-2						3.960	3.760	4.160
1232-3						4.396	4.196	4.596
1232-4						4.640	4.440	4.840
1232-5						4.834	4.634	5.034
1242-1						3.960	3.760	4.160
1242-2						4.396	4.196	4.596
1242-3						4.835	4.635	5.035
1242-4						4.955	4.755	5.155
1242-5						5.046	4.846	5.246
1248-1						4.816	4.616	5.016
1248-2						5.116	4.916	5.316
1248-3						5.343	5.143	5.543
1248-4						5.634	5.434	5.834
1248-5						5.672	5.472	5.872
1254-1						5.115	4.915	5.315
1254-2						5.669	5.469	5.869
1254-3						5.801	5.601	6.001
1254-4						6.057	5.857	6.257
1254-5						6.140	5.940	6.340

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

Instrument ID: SECD04 Calibration Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1518 End: 1924

Min RRF for SPCC(#) = Max %RSD for CCC(*) = %

LAB FILE ID: RT6: ACAL6.D

COMPOUND	RT6					MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl(SURR)	8.682					8.683	8.483	8.883

7SSC

PCB ORGANIC SECONDARY SOURCE CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505044

Instrument ID: SECD04 CalibrationDate: 12/28/11 Time: 1939

CCV ID: SSC1044694 Lab File ID: ASEC.D Init. Calib. Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP1 ID: 0.32 (mm)

COMPOUND	Expected	Found	%D / %Drift	Curve Type
1260-1	11269016	12240760	8.6	AVRG
1260-2	7582866.4	8033680	5.9	AVRG
1260-3	6075828.9	6477510	6.6	AVRG
1260-5	3523237.8	3858000	9.5	AVRG
1016-1	833047.97	849730	2.0	AVRG
1016-2	1061187.6	1133170	6.8	AVRG
1016-3	2813634.4	3022110	7.4	AVRG
1016-4	1291390.8	1390690	7.7	AVRG
1016-5	697334.31	773340	10.9	AVRG
1260-4	17319662	18018590	4.0	AVRG
==========	==========	==========	==========	==========
Decachlorobiphenyl(SURR)	20578560	21584440	4.9	AVRG

7SSC

PCB ORGANIC SECONDARY SOURCE CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505044

Instrument ID: SECD04 CalibrationDate: 12/28/11 Time: 1939

CCV ID: SSC1047866 Lab File ID: ASEC.D Init. Calib. Date Begin: 12/28/11 End: 12/28/11

GC Column: STX-CLP2 ID: 0.32 (mm)

COMPOUND	Expected	Found	%D / %Drift	Curve Type
1260-1	5641363	6076790	7.7	AVRG
1260-2	4781991.5	5124070	7.2	AVRG
1260-3	4765111.4	5069000	6.4	AVRG
1260-5	2986997.6	3401690	13.9	AVRG
1016-1	2114488	2250070	6.4	AVRG
1016-2	3140318.2	3400410	8.3	AVRG
1016-3	7581761.5	8039440	6.0	AVRG
1016-4	3012061.9	3188630	5.9	AVRG
1016-5	2340303.1	2482950	6.1	AVRG
1260-4	12220859	13039890	6.7	AVRG
==========	==========	==========	==========	==========
Decachlorobiphenyl(SURR)	19031637	20381120	7.1	AVRG

Chain of Custody Documentation

070212 1717

PEL
A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

3505044

Page _____ of _____ 18

Special Handling:
TAT- Indicate Date Needed: _____
· All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
· Samples disposed of after 60 days unless otherwise instructed.

Report To: Bethany Garvey
CH2M HILL
- on file -

Project Mgr.: Amy Twitty

Invoice To: Amy Twitty
CH2M HILL
- on file -

P.O. No.: _____ RQN: _____

Project No.: 395479
Site Name: Parcel K
Location: NAS KW State: FL
Sampler(s): Nikki Monroe

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= HEXANE 10=_____ 11=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= WIPE X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	List preservative code below: 9	Analyses: PCBs 8082	Notes:
-01	JM22-QCWIPE2-012312	01-23-12	15:00	G	X1			1			X	off mini-ex bucket

Containers:

QA/QC Reporting Level
☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☒ Other CH2M HILL Level C
State specific reporting standards: _____

☐ E-mail to bgarvey@ch2m.com
EDD Format CH2M HILL

Condition upon receipt: ☒ Iced ☐ Ambient ☒ °C 4.4

Relinquished by:	Received by:	Date:	Time:
[signature]	Fed Ex	1-23-12	18:00
	MM	1-24-12	920

FedEx® US Airbill

FedEx Express

FedEx Tracking Number 8736 0913 2477

Form ID No. 0200

Recipient's Copy

1 From

Date 1-22-12

Sender's Name [redacted] Phone

Company

Address

Dept./Floor/Suite/Room

City State ZIP

2 Your Internal Billing Reference

3 To

Recipient's Name Phone

Company

Address
We cannot deliver to P.O. boxes or P.O. ZIP codes.
Dept./Floor/Suite/Room

Address
Use this line for the HOLD location address or for continuation of your shipping address.

City State ZIP

HOLD Weekday
FedEx location address REQUIRED. NOT available for FedEx First Overnight.

HOLD Saturday
FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

8736 0913 2477

fedex.com 1.800.GoFedEx 1.800.463.3339

4a Express Package Service * To most locations. *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.*
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

4b Express Freight Service ** To most locations. *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected. FedEx 1Day Freight Booking No.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak and FedEx Large Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [ ] Other

6 Special Handling and Delivery Signature Options

- [ ] SATURDAY Delivery — NOT available for FedEx Standard Overnight, FedEx Express Saver, or FedEx 3Day Freight.

- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. *Fee applies.*

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. [ ]

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

[redacted]

Total Packages ____ Total Weight* ____ lbs. Total Declared Value† $ ____.00 Credit Card Auth. ____

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

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fedex.com 1.800.GoFedEx 1.800.463.3339

3505044

SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	3505044	**Req:**	89810
Client:	CH2M Hill	**Project:**	JM-22
Level:	4	**Date Rec'd:**	1/24/2012 9:20:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	2/7/2012

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	4.4C	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Sufficient For Analysis**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):	Domestic	**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by SA?	Yes	**TAT Requested:**	STD
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
SA to Conduct ALL Analyses?	Yes		
Radioactivity Check?	No		
COC Present?	Yes		

LABEL REVIEW _____

PEER REVIEW _____

Tuesday, January 24, 2012

Client: CH2M Hill

WONo: 3505044 Profile Name: NAS Key We Profile #: 89810

MATRIX P

Sample #	Bottle	Parameter	Check	Received	Date
01	001	8082 PCB	In	Nicole Labus	1/24/2012 10:21:07 AM
01	001	8082 PCB	Out	Tammy Reuter	1/24/2012 11:46:08 AM
01	001	8082 PCB	In	Tammy Reuter	1/24/2012 5:45:59 PM

Addendum

070212 1717

Letter of Acceptance

Customer Name: CH2M Hill

Date and Time Received: 1/24/2012 9:20:00 AM

Date to be Reported: 2/7/2012

Laboratory Submission Number/SDG: 3505044

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=3505044

Project: NAS Key West / JM-22 / Parcel K / 395479

Samples: The submission consisted of 1 samples, including QC, with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 8082.

Sample Custody/COC discrepancies:

None.

Notes:

Temp 4.4C
24 hr Prelims, by COB 1-25-12

Distribution of Report to:

CH2M Hill
Attn: Kama White

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level: 4

Total of: 1 analyses on 1 samples (including QC) *25-Jan-12*

Report/SDG #: 3505044

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
JM22-QCWIPE2-012312	350504401		S	1/23/2012 3:00:00 PM	1/24/2012 9:20:00 AM

Method		
8082	PCB	8082

Mark Gudnason [Tampa]

From: Mark Gudnason [Tampa]
Sent: Wednesday, January 25, 2012 5:12 PM
To: 'Bethany.Garvey@CH2M.com'
Cc: Camden.Robinson@CH2M.com
Subject: NAS Key West / JM-22 / Parcel K : 3505044-8082_Prelims.pdf

Attachments: 3505044-8082_Prelims.pdf

3505044-8082_Prelims.pdf (26 K...

Attached are the prelim results for the wipe sample.

Mark

The message is ready to be sent with the following file or link attachments:

3505044-8082_Prelims.pdf

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

PCB ORGANIC ANALYSIS DATA SHEET

DRAFT

EPA Sample No.: JM22-QCWIPE2-012312

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel

Lab Code : PEL Case No.: SAS No: SDG No.: 3505044

Matrix: SOIL Lab Sample ID: 350504401 Lab File ID: 504401.D

Sample wt/vol: 1 Units: G Date Received: 01/24/12

Concentrated Extract Volume: 10 Date Extracted: 01/24/12

Level:(low/med) LOW Date Analyzed: 01/24/12 Time: 1659

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/WIPE

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	9.9	U	4.3	9.9
11096-82-5	Aroclor-1260	9.9	U	2.3	9.9
11104-28-2	Aroclor-1221	9.9	U	4	9.9
11141-16-5	Aroclor-1232	9.9	U	6.6	9.9
53469-21-9	Aroclor-1242	9.9	U	3.6	9.9
12672-29-6	Aroclor-1248	9.9	U	3.6	9.9
11097-69-1	Aroclor-1254	9.9	U	3.1	9.9

Results reported on Primary Column, if RPD >40% results flagged accordingly.

PCB ORGANIC ANALYSIS DATA SHEET

DRAFT

EPA Sample No.: 114613MB

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parcel K

Lab Code : PEL Case No.: SAS No: SDG No.: 3505044

Matrix: SOIL Lab Sample ID: 114613MB Lab File ID: 8077MB.D

Sample wt/vol: 1 Units: G Date Received: 01/24/12

Concentrated Extract Volume: 10 Date Extracted: 01/24/12

Level:(low/med) LOW Date Analyzed: 01/24/12 Time: 1614

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/WIPE

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	9.9	U	4.3	9.9
11096-82-5	Aroclor-1260	9.9	U	2.3	9.9
11104-28-2	Aroclor-1221	9.9	U	4	9.9
11141-16-5	Aroclor-1232	9.9	U	6.6	9.9
53469-21-9	Aroclor-1242	9.9	U	3.6	9.9
12672-29-6	Aroclor-1248	9.9	U	3.6	9.9
11097-69-1	Aroclor-1254	9.9	U	3.1	9.9

Results reported on Primary Column, if RPD >40% results flagged accordingly.

DRAFT

2A

WIPE PCB ORGANIC SURROGATE RECOVERY

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parce

Lab Code : PEL Case No. SAS No: SDG NO.: 3505044

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

EPA Sample NO.	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	TOT OUT
114613MB	99.0						0
114614LCS	97.0						0
114635LCSD	97.0						0
JM22-QCWIPE2-012312	62.0						0

Control Limits

S1 = Decachlorobiphenyl 33 - 140

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

Control limit source: (lab/method) METHOD

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Form II

250112 1707

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

DRAFT

EPA Sample No.: 114614LCS

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parce

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

COMPOUND	SPIKE ADDED ug/wipe	LCS CONCENTRATION ug/wipe	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10	8.9	89.0			43 - 137
Aroclor-1260	10	8.6	86.0			48 - 154

Spike Recovery: 0 out of 2 outside limits

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

250112 1707

Form III

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

DRAFT

EPA Sample No.: 114635LCSD

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / JM-22 / Parce

Lab Code : PEL Case No. SAS No: SDG No.: 3505044

COMPOUND	SPIKE ADDED ug/wipe	LCS CONCENTRATION ug/wipe	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10	9	90.0	1.1	30	43 - 137
Aroclor-1260	10	8.6	86.0	0.0	30	48 - 154

Spike Recovery: 0 out of 2 outside limits

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

250112 1707

Form III

Appendix

070212 1717

Raw Data Method 8082

SEQUENCE CHECK

SDG: 3505044 **Method:** 8082

SAMPLE ID	LAB ID	InitialCal Reference	FILE	BATCH	COL	INSTRUMENT	RUN DATE	DILUTION
STD1044683	44134	SECD0412/28/11-1924~E4122811	32CAL3.D	E4122811	1	SECD04	12/28/11 15:18	1
STD1047849	44134	SECD0412/28/11-1924~E4122811	32CAL3.D	E4122811	2	SECD04	12/28/11 15:18	1
STD1044684	42497	SECD0412/28/11-1924~E4122811	42CAL3.D	E4122811	1	SECD04	12/28/11 15:33	1
STD1047850	42497	SECD0412/28/11-1924~E4122811	42CAL3.D	E4122811	2	SECD04	12/28/11 15:33	1
STD1044685	44340	SECD0412/28/11-1924~E4122811	48CAL3.D	E4122811	1	SECD04	12/28/11 17:38	1
STD1047851	44340	SECD0412/28/11-1924~E4122811	48CAL3.D	E4122811	2	SECD04	12/28/11 17:38	1
STD1044682	44135	SECD0412/28/11-1924~E4122811	2154CAL3.D	E4122811	1	SECD04	12/28/11 17:53	1
STD1047848	44135	SECD0412/28/11-1924~E4122811	2154CAL3.D	E4122811	2	SECD04	12/28/11 17:53	1
STD1044691	44123	SECD0412/28/11-1924~E4122811	ACAL6.D	E4122811	1	SECD04	12/28/11 18:08	1
STD1047857	44123	SECD0412/28/11-1924~E4122811	ACAL6.D	E4122811	2	SECD04	12/28/11 18:08	1
STD1044690	44124	SECD0412/28/11-1924~E4122811	ACAL5.D	E4122811	1	SECD04	12/28/11 18:23	1
STD1047856	44124	SECD0412/28/11-1924~E4122811	ACAL5.D	E4122811	2	SECD04	12/28/11 18:23	1
STD1044689	44125	SECD0412/28/11-1924~E4122811	ACAL4.D	E4122811	1	SECD04	12/28/11 18:38	1
STD1047855	44125	SECD0412/28/11-1924~E4122811	ACAL4.D	E4122811	2	SECD04	12/28/11 18:38	1
STD1044688	44126	SECD0412/28/11-1924~E4122811	ACAL3.D	E4122811	1	SECD04	12/28/11 18:53	1
STD1047854	44126	SECD0412/28/11-1924~E4122811	ACAL3.D	E4122811	2	SECD04	12/28/11 18:53	1
STD1044687	44127	SECD0412/28/11-1924~E4122811	ACAL2.D	E4122811	1	SECD04	12/28/11 19:08	1
STD1047853	44127	SECD0412/28/11-1924~E4122811	ACAL2.D	E4122811	2	SECD04	12/28/11 19:08	1
STD1044686	44128	SECD0412/28/11-1924~E4122811	ACAL1.D	E4122811	1	SECD04	12/28/11 19:24	1
STD1047852	44128	SECD0412/28/11-1924~E4122811	ACAL1.D	E4122811	2	SECD04	12/28/11 19:24	1
SSC1044694	43164	SECD0412/28/11-1924~E4122811	ASEC.D	E4122811	1	SECD04	12/28/11 19:39	1
SSC1047866	43164	SECD0412/28/11-1924~E4122811	ASEC.D	E4122811	2	SECD04	12/28/11 19:39	1
CCV1048747	44593	SECD0412/28/11-1924~E4122811	ACCV4.D	E4012312W	1	SECD04	01/24/12 10:49	1
CCV1048748	44593	SECD0412/28/11-1924~E4122811	ACCV4.D	E4012312W	2	SECD04	01/24/12 10:49	1
114613MB	114613MB	SECD0412/28/11-1924~E4122811	8077MB.D	E4012312W	1	SECD04	01/24/12 16:14	1
114613MB	114613MB	SECD0412/28/11-1924~E4122811	8077MB.D	E4012312W	2	SECD04	01/24/12 16:14	1
114614LCS	114614LCS	SECD0412/28/11-1924~E4122811	8077LCS.D	E4012312W	1	SECD04	01/24/12 16:29	1
114614LCS	114614LCS	SECD0412/28/11-1924~E4122811	8077LCS.D	E4012312W	2	SECD04	01/24/12 16:29	1
114635LCSD	114635LCSD	SECD0412/28/11-1924~E4122811	8077LCSD.D	E4012312W	1	SECD04	01/24/12 16:44	1
114635LCSD	114635LCSD	SECD0412/28/11-1924~E4122811	8077LCSD.D	E4012312W	2	SECD04	01/24/12 16:44	1
JM22-QCWIPE2-012	350504401	SECD0412/28/11-1924~E4122811	504401.D	E4012312W	1	SECD04	01/24/12 16:59	1
JM22-QCWIPE2-012	350504401	SECD0412/28/11-1924~E4122811	504401.D	E4012312W	2	SECD04	01/24/12 16:59	1
CCV1049062	44593	SECD0412/28/11-1924~E4122811	ACCV5.D	E4012312W	1	SECD04	01/24/12 17:29	1

CCV1049063	44593	SECD0412/28/11-1924~E4122811	ACCV5.D	E4012312W	2	SECD04	01/24/12 17:29	1

Analyst Posted: Date

Analyst Reviewed: Date

Extraction Method	3580

Extraction Log 8082 Soil Ext

Batch ID 8077

Start: 1/24/2012 12:00:00 PM
End: 1/24/2012 5:05:30 PM

Water Bath Temp: 23 °C

Thermometer ID: 2 **Balance ID:** P35923

Final

Batch ID: 8077

Lab ID	Cont	Client ID	Date Samp	Type	Odor	Color	Sed	Initial	Final	pH	Standards	Cleanups	Archive
350504401		JM22-QCWIPE2-01231	1/23/2012 3:00:00 PM	SAMPLE	none	none	none	1 G	10 mL		1mL 81/82wkg_surr: 44637 @ 1.0 ug/mL;		roku
114613MB		114613MB		MB	none	none	none	1 G	10 mL		1mL 81/82wkg_surr: 44637 @ 1.0 ug/mL;		roku
114614LCS		114614LCS		LCS	none	none	none	1 G	10 mL		1mL 8082wkg_spk: 44742 @ 10 ug/mL; 1mL 81/82wkg_surr: 44637 @ 1.0 ug/mL;		roku
114635LCSD		114635LCSD		LCSD	none	none	none	1 G	10 mL		1mL 8082wkg_spk: 44742 @ 10 ug/mL; 1mL 81/82wkg_surr: 44637 @ 1.0 ug/mL;		roku

3505044

Batch ID: 8077

Lab ID	Cont	Client ID	Date Samp	Type	Odor	Color	Sed	Initial	Final	pH	Standards	Cleanups	Archive

Initial Solvent 44540

Name: Tammy Reuter Title: Prep Tech 1/24/2012 5:05:30 PM

Analyst Posted treuter Date

1/24/2012 5:50:25 PM

Peer Reviewed jbowman Date

1/25/2012 2:2

Analyst Reviewed rortiz Date

3505044

Comments:

Sample Comments

Lab ID	Client ID	Comments
114613MB	114613MB	
114614LCS	114614LCS	
114635LCSD	114635LCSD	
350504401	JM22-QCWIPE2-012312	

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
30431	8082_US1254_STK	Ultra EPA-1352	CD-2216	8/31/2015	1 ML	8/21/2009	spruskin
1000 UG/ML: Aroclor-1254							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
30731	8082_US1660_Stk	Ultra Scientific - PP	CD-0236	3/31/2014	1 ML	9/11/2009	jwood
1000 UG/ML: Aroclor-1016, Aroclor-1260							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
32246	8082_RT1248_STK	Restek	A065176	2/28/2016	1 ML	12/22/2009	lkeene
1000 UG/ML: Aroclor-1248							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
34845	8082_US1221_STK	Ultra EPA-1292	CE-0015	2/29/2016	1 ML	6/8/2010	spruskin
1000 UG/ML: Aroclor-1221							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
37163	8082_US1232_STK	Ultra PP-301	CC-3294A	12/31/2013	1 ML	10/7/2010	lkeene
100 UG/ML: Aroclor-1232							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
37165	8082_US1232_STK	Ultra PP-301	CC-3294A	12/31/2013	1 ML	10/7/2010	lkeene
100 UG/ML: Aroclor-1232							

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
37166	8082_US1242_STK	Ultra PP-311	CE-3255	10/31/2016	1 ML	10/7/2010	lkeene
100 UG/ML: Aroclor-1242							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
39785	8082_RK1660stk	Restek - 32039	A075005	6/30/2017	1 ML	2/23/2011	pconklin
1000 UG/ML: Aroclor-1016, Aroclor-1260							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
39787	8082_RK1660stk	Restek - 32039	A075005	6/30/2017	1 ML	2/23/2011	pconklin
1000 UG/ML: Aroclor-1016, Aroclor-1260							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
41047	Hex	Fisher Scientific	106327	4/27/2012	4 L	4/27/2011	fcolosi

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
41502	8081_SURRSP_STK	Ultra Scientific -ISM	CG-3165	10/31/2013	1 ML	5/23/2011	cabadia
200 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
42191	ACE	Fisher	108096	7/8/2016	32 L	7/8/2011	mpatel

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
42196	Hex	Fisher Scientific	110143	7/8/2016	32 L	7/8/2011	cabadia

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
42496	1242_cal4_int			1/27/2012	5 ML	7/28/2011	nsubar

10 UG/ML: Aroclor-1242

COMPOSED OF:

37166: 500 UL 42196: 4500 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
42497	8082_acal3_wkg			1/27/2012	10 ML	7/28/2011	nsubar

0.5 UG/ML: Aroclor-1242

COMPOSED OF:

42191: 9500 UL 42496: 500 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43163	8082_seccv_int			3/23/2012	5 ML	9/23/2011	cabadia

1 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
10 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

39785: 50 UL 41047: 4925 UL 41502: 25 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43164	8082_sec_wkg			3/23/2012	5 ML	9/23/2011	cabadia

0.05 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
0.5 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

41047: 4750 UL 43163: 250 UL

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43339	8081_SURRSP_STK	Ultra Scientific -ISM	CG-3165	10/31/2013	1 ML	10/11/2011	rortiz

200 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43341	8081_SURRSP_STK	Ultra Scientific -ISM	CG-3165	10/31/2013	1 ML	10/11/2011	rortiz

200 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43846	ACE	JT BAker	114486	11/17/2012	16 L	11/17/2011	dyoung

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43848	Hex	Fisher Scientific	115615	11/17/2012	16 L	11/17/2011	dyoung

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44100	Hex	Fisher Scientific	115118	12/19/2012	16 L	12/9/2011	treuter

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44122	8082_1660INT			6/12/2012	10 ML	12/12/2011	NSUBAR

1 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
10 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

30731: 100 UL 43339: 50 UL 44100: 9850 UL

3505044

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44123	8082_acal6_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.25 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
2.5 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

44100: 3750 UL 44122: 1250 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44124	8082_acal5_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.2 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
2 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

44100: 4000 UL 44122: 1000 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44125	8082_acal4_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.1 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
1 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

44100: 4500 UL 44122: 500 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44126	8082_acal3_wkg			6/12/2012	10 ML	12/12/2011	NSUBAR

0.05 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
0.5 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

44100: 9500 UL 44122: 500 UL

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44127	8082_acal2_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.01 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
0.1 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

44100: 4950 UL 44122: 50 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44128	8082_acal1_wkg			6/12/2012	10 ML	12/12/2011	NSUBAR

0.003 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
0.03 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

44100: 9970 UL 44122: 30 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44130	2154_cal4_int			6/12/2012	10 ML	12/12/2011	NSUBAR

10 UG/ML: Aroclor-1221, Aroclor-1254

COMPOSED OF:

30431: 100 UL 34845: 100 UL 44100: 8900 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44132	1232_cal4_int			6/12/2012	5 ML	12/12/2011	NSUBAR

10 UG/ML: Aroclor-1232

COMPOSED OF:

37163: 200 UL 37165: 300 UL 44100: 4500 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44134	1232_cal3_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.5 UG/ML: Aroclor-1232

STANDARDS LOG

COMPOSED OF:

44100: 4750 UL 44132: 250 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44135	2154_cal3_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.5 UG/ML: Aroclor-1221, Aroclor-1254

COMPOSED OF:

44100: 4750 UL 44130: 250 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44338	1248_cal4_int			6/28/2012	5 ML	12/28/2011	NSUBAR

10 UG/ML: Aroclor-1248

COMPOSED OF:

32246: 50 UL 44100: 4950 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44340	8082_acal3_wkg			6/28/2012	10 ML	12/28/2011	NSUBAR

0.5 UG/ML: Aroclor-1248

COMPOSED OF:

44100: 9500 UL 44338: 500 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44593	8082_acal3_wkg			6/12/2012	10 ML	1/12/2012	NSUBAR

0.05 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
0.5 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

43848: 9500 UL 44122: 500 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44637	81/82wkg_surr			7/18/2012	100 ML	1/18/2012	rortiz

1 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene

STANDARDS LOG

COMPOSED OF:

43341: 0.5 ML 43846: 99.5 ML

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44742	8082wkg_spk			7/24/2012	50 ML	1/24/2012	rortiz

10 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

39787: 500 UL 43846: 49.5 ML

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\32CAL3.D
Report Date: 07-Feb-2012 15:32

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\32CAL3.D
Lab Smp Id: 44134 Client Smp ID: 32CAL3
Inj Date : 28-DEC-2011 15:18
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44134
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1232.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

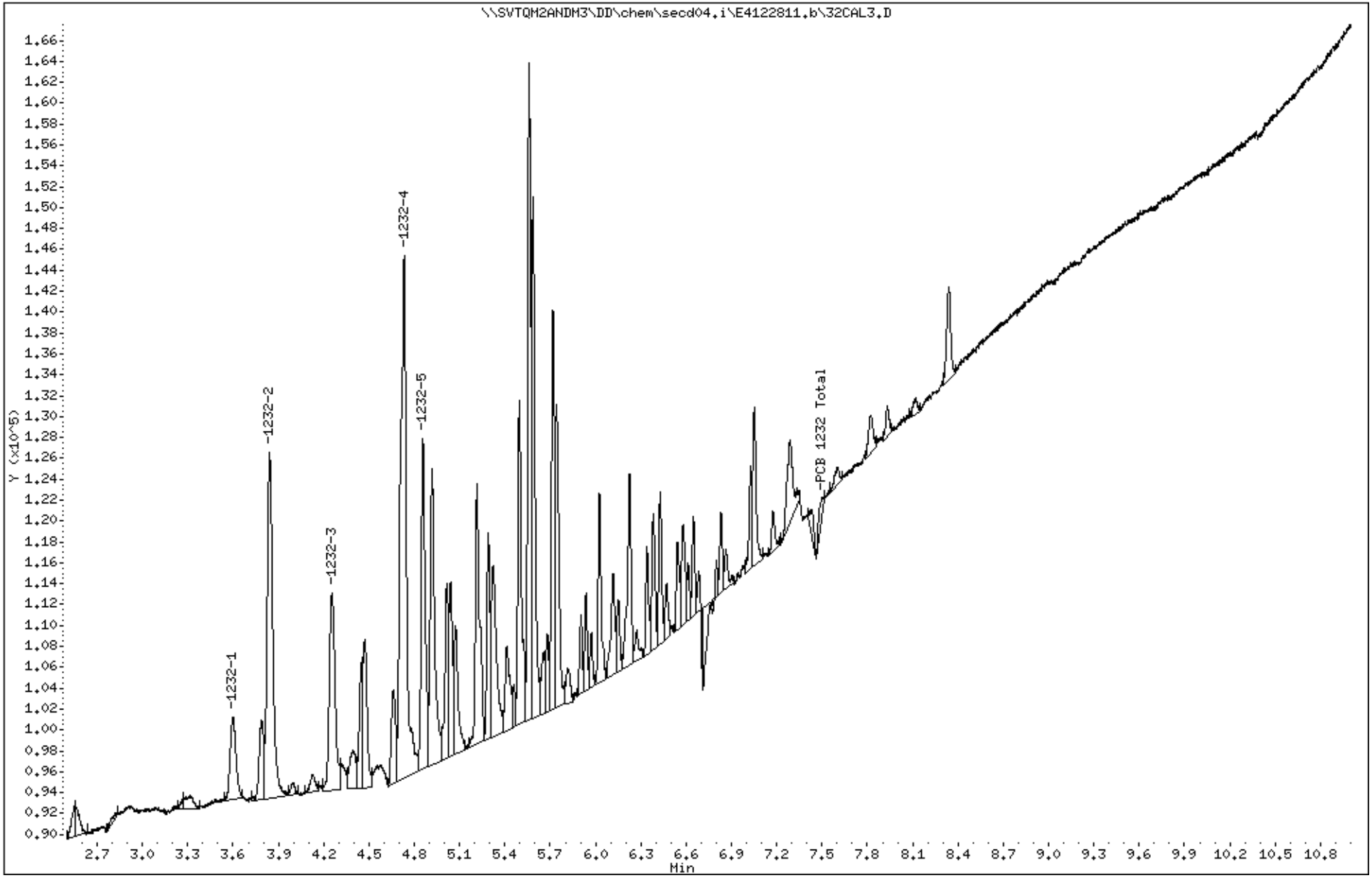
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	19 1232-1	3.598	3.598	0.000	20983	0.10000	0.10
	20 1232-2	3.841	3.841	0.000	85595	0.10000	0.10
	21 1232-3	4.254	4.254	0.000	51068	0.10000	0.10(M)
	22 1232-4	4.732	4.732	0.000	138094	0.10000	0.10(M)
	23 1232-5	4.856	4.856	0.000	58337	0.10000	0.10(M)
M	24 PCB 1232 Total				354077	0.50000	0.50

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\32CAL3.D
Date : 28-DEC-2011 15:18
Client ID: 32CAL3
Instrument: secd04.i
Sample Info: 44134
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: 32CAL3.D
Report Date: 07-Feb-2012 15:32

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\32CAL3.D
Lab Smp Id: 44134 Client Smp ID: 32CAL3
Inj Date : 28-DEC-2011 15:18
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44134
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1232.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

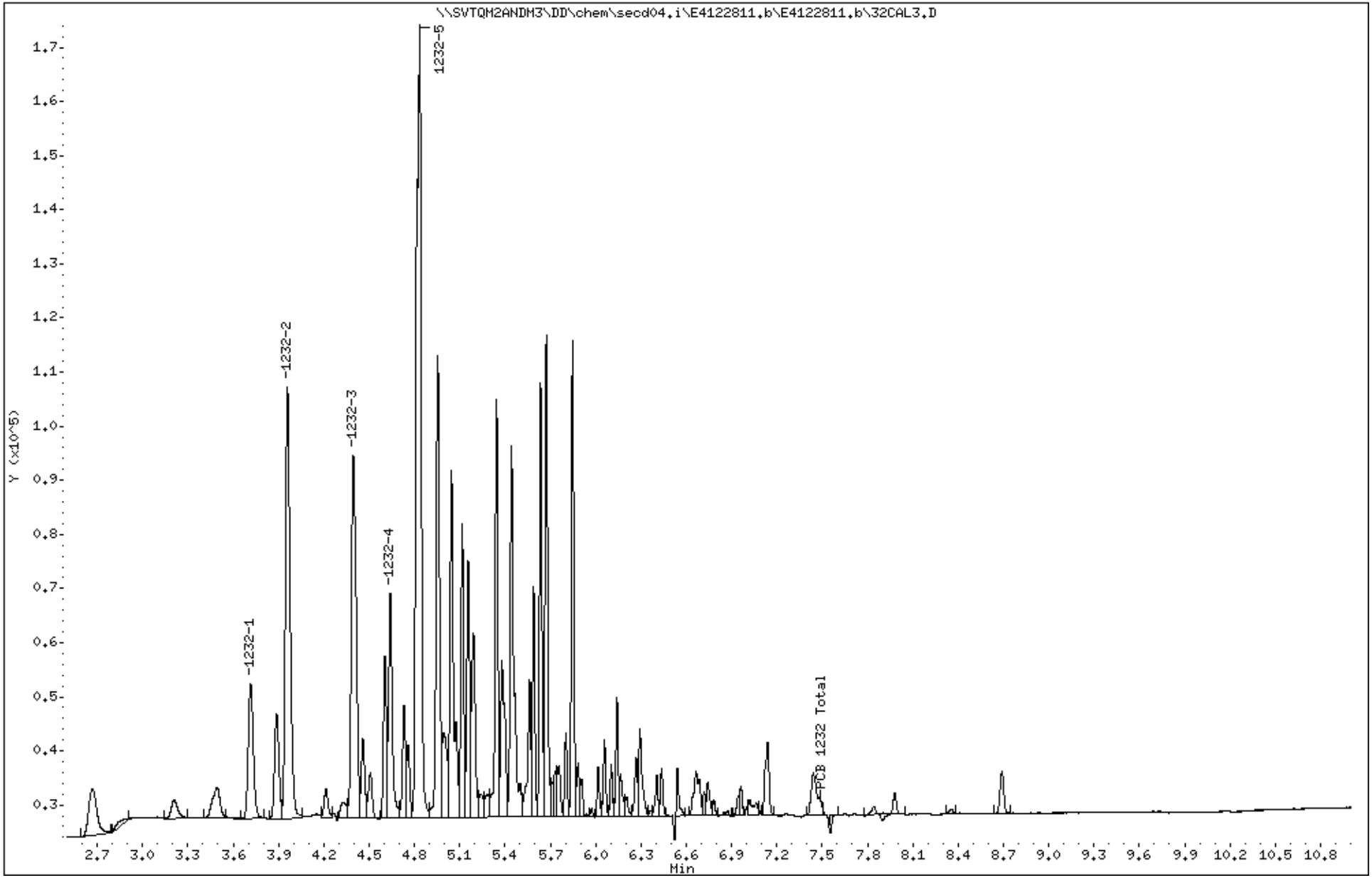
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	
19	1232-1	3.716	3.716	0.000	57779	0.10000		
20	1232-2	3.960	3.960	0.000	173647	0.10000		(M)
21	1232-3	4.396	4.396	0.000	152300	0.10000		(M)
22	1232-4	4.640	4.640	0.000	70955	0.10000		(M)
23	1232-5	4.834	4.834	0.000	330191	0.10000		(M)
M 24	PCB 1232 Total				784872	0.50000		

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\32CAL3.D
Date : 28-DEC-2011 15:18
Client ID: 32CAL3
Instrument: secd04.i
Sample Info: 44134
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\42CAL3.D
Report Date: 07-Feb-2012 15:32

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\42CAL3.D
Lab Smp Id: 42497 Client Smp ID: 42CAL3
Inj Date : 28-DEC-2011 15:33
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 42497
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1242.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

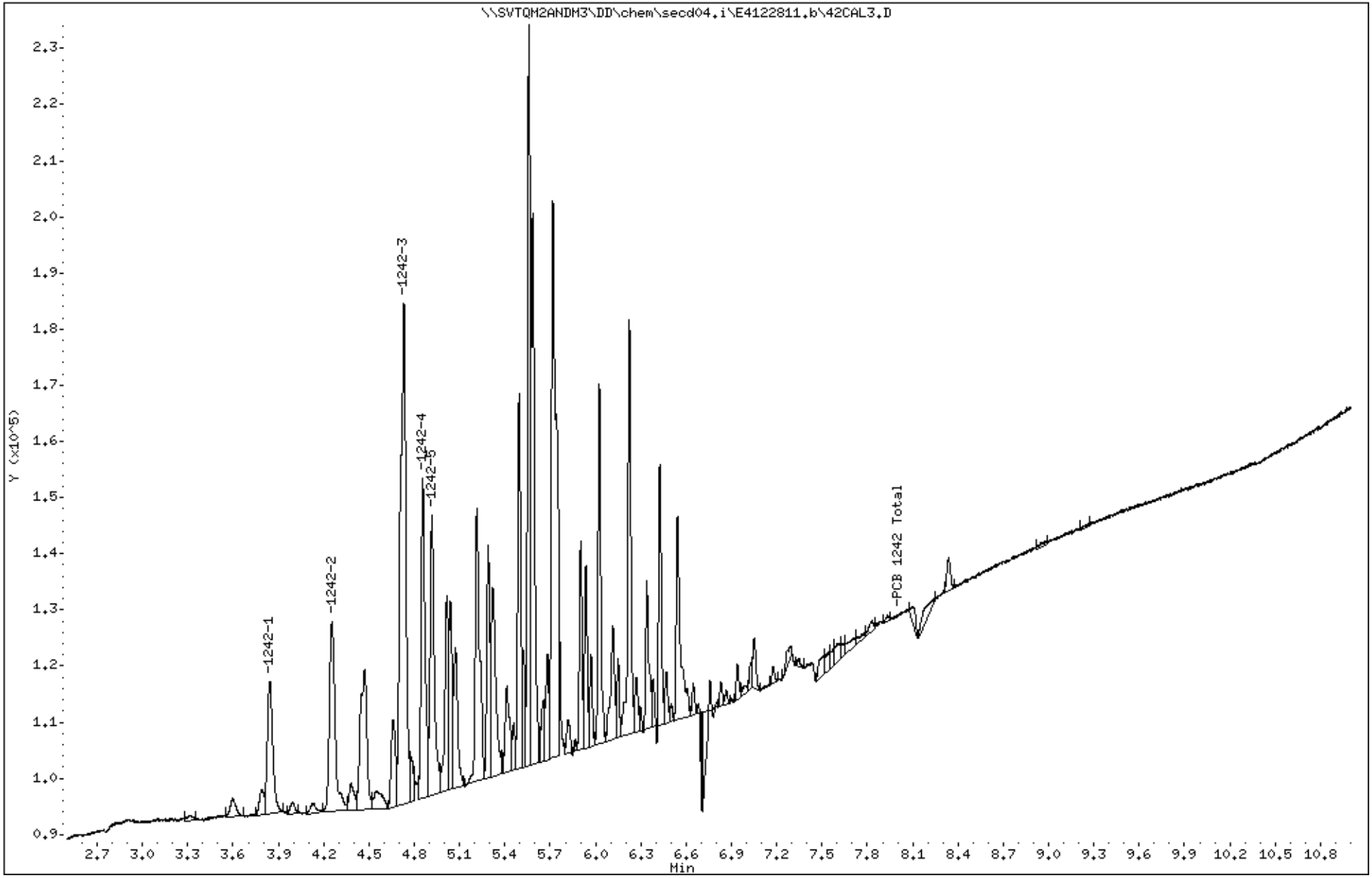
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	25 1242-1	3.844	3.844	0.000	59532	0.10000	0.10
	26 1242-2	4.254	4.254	0.000	90335	0.10000	0.10(M)
	27 1242-3	4.731	4.731	0.000	229915	0.10000	0.10(M)
	28 1242-4	4.855	4.855	0.000	105086	0.10000	0.10(M)
	29 1242-5	4.916	4.916	0.000	98942	0.10000	0.10(M)
M	30 PCB 1242 Total				583810	0.50000	0.50

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\42CAL3.D
Date : 28-DEC-2011 15:33
Client ID: 42CAL3
Instrument: secd04.i
Sample Info: 42497
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: 42CAL3.D
Report Date: 07-Feb-2012 15:32

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\42CAL3.D
Lab Smp Id: 42497 Client Smp ID: 42CAL3
Inj Date : 28-DEC-2011 15:33
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 42497
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1242.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

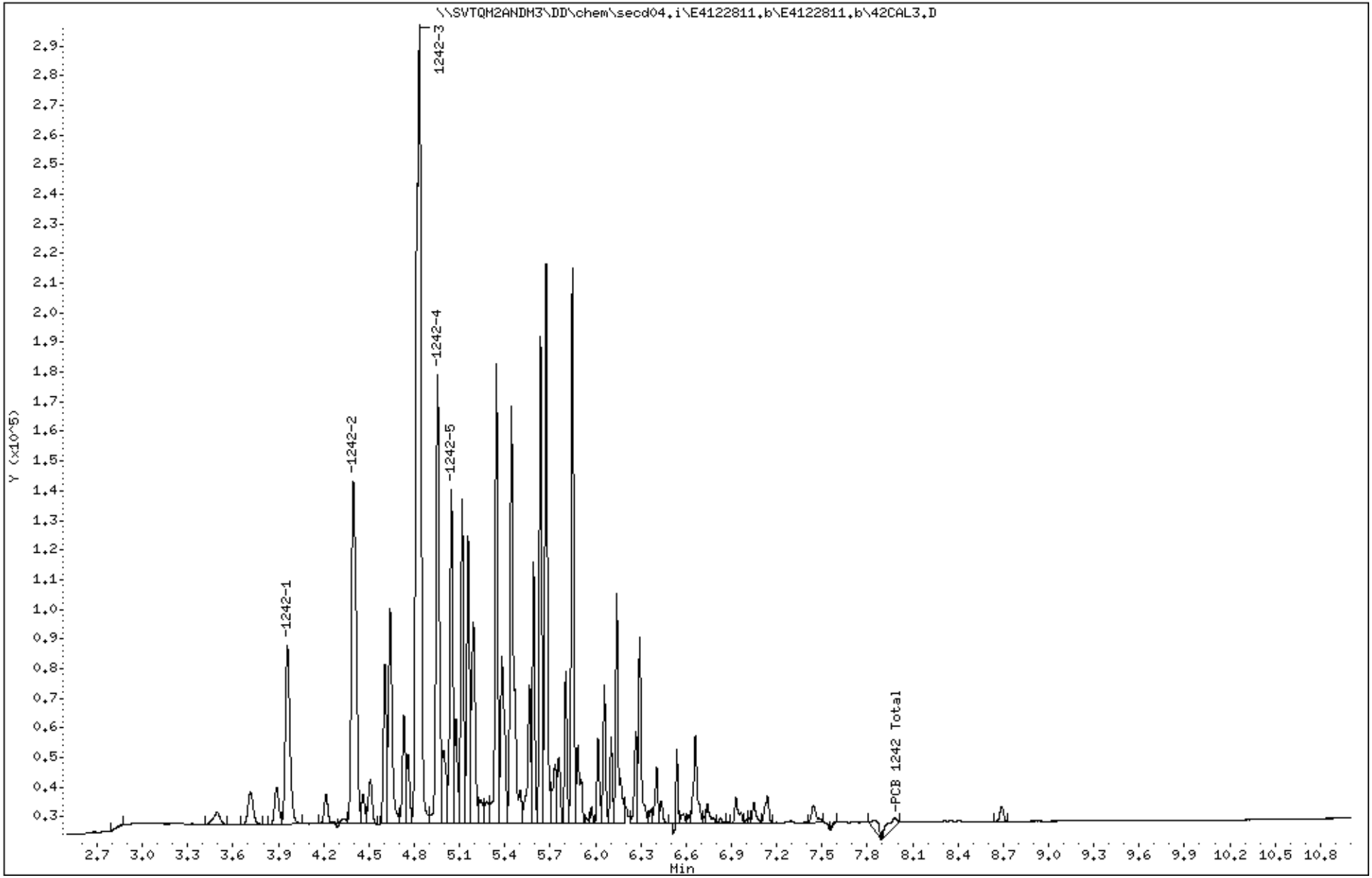
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	
	25 1242-1	3.959	3.959	0.000	127934	0.10000		
	26 1242-2	4.395	4.395	0.000	257965	0.10000		(M)
	27 1242-3	4.834	4.834	0.000	599083	0.10000		(M)
	28 1242-4	4.954	4.954	0.000	238103	0.10000		(M)
	29 1242-5	5.045	5.045	0.000	151988	0.10000		(M)
M	30 PCB 1242 Total				1375073	0.50000		

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\42CAL3.D
Date : 28-DEC-2011 15:33
Client ID: 42CAL3
Instrument: secd04.i
Sample Info: 42497
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\48CAL3.D
Report Date: 07-Feb-2012 15:32

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\48CAL3.D
Lab Smp Id: 44340 Client Smp ID: 48CAL3
Inj Date : 28-DEC-2011 17:38
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44340
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1248.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

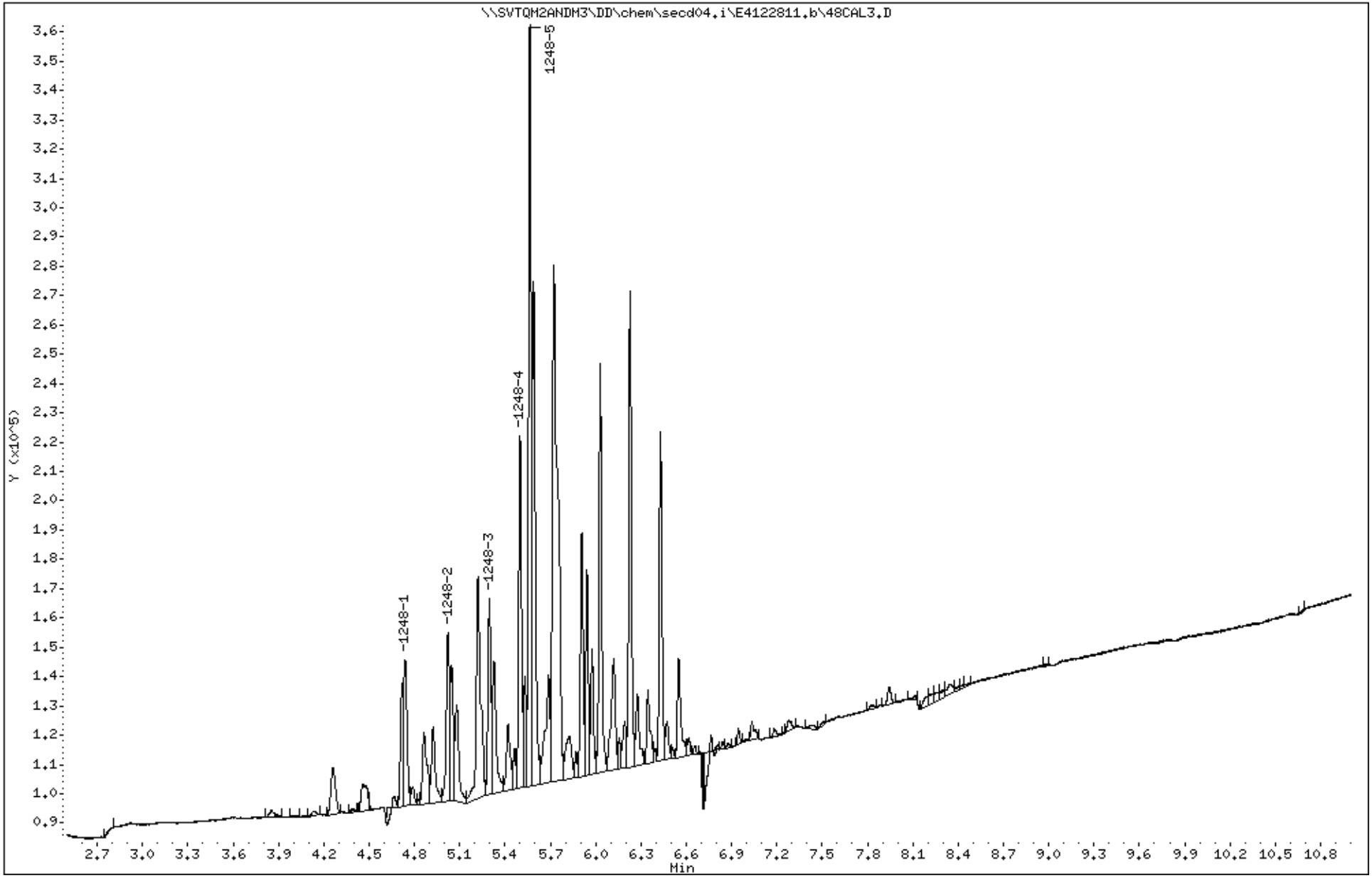
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	31 1248-1	4.739	4.739	0.000	81687	0.10000	0.10(M)
	32 1248-2	5.021	5.021	0.000	86569	0.10000	0.10(M)
	33 1248-3	5.295	5.295	0.000	92792	0.10000	0.10(M)
	34 1248-4	5.499	5.499	0.000	157467	0.10000	0.10(M)
	35 1248-5	5.564	5.564	0.000	325601	0.10000	0.10(M)
M	36 PCB 1248 Total				744116	0.50000	0.50

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\48CAL3.D
Date : 28-DEC-2011 17:38
Client ID: 48CAL3
Instrument: secd04.i
Sample Info: 44340
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: 48CAL3.D
Report Date: 07-Feb-2012 15:32

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\48CAL3.D
Lab Smp Id: 44340 Client Smp ID: 48CAL3
Inj Date : 28-DEC-2011 17:38
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44340
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1248.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

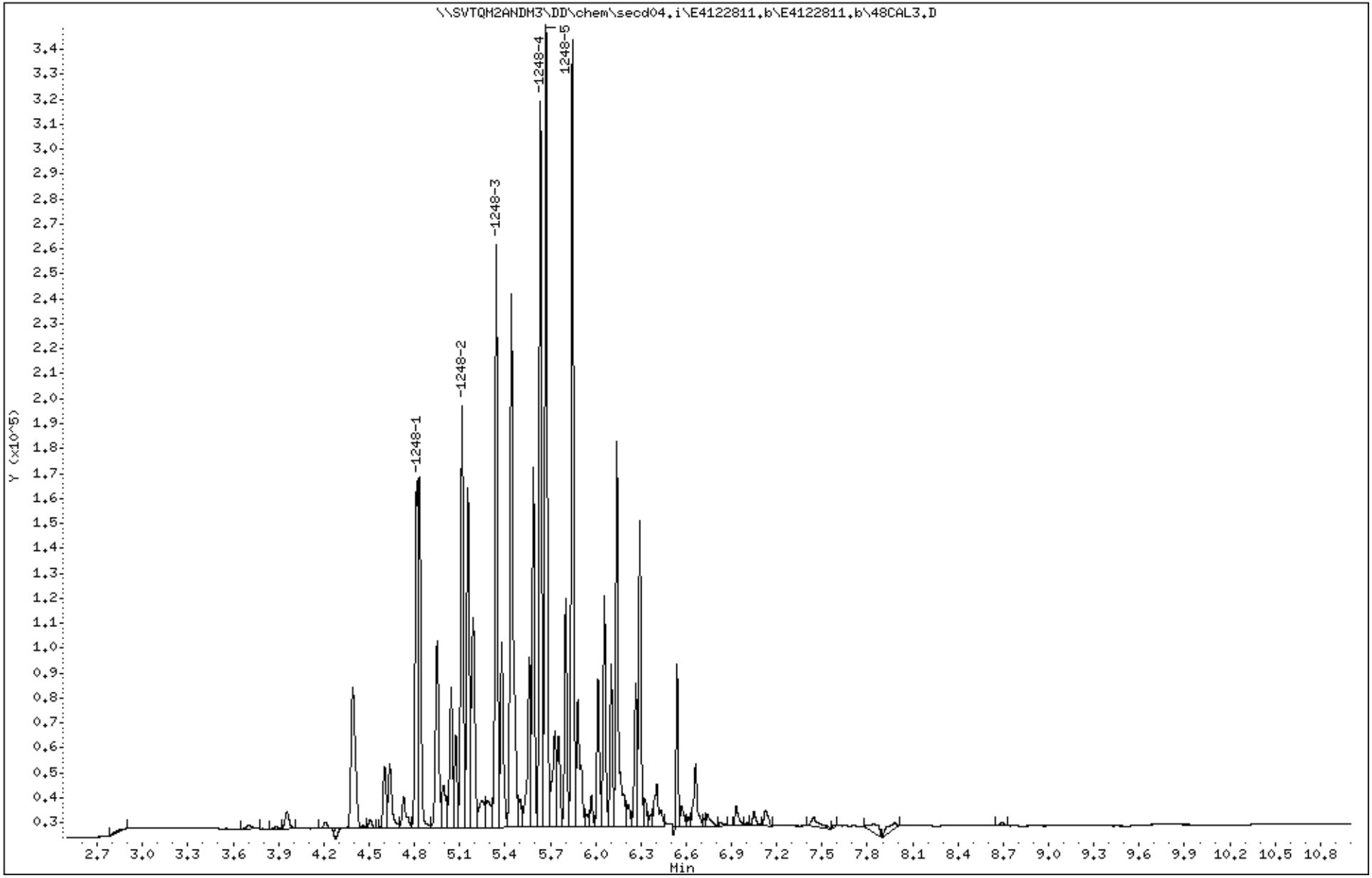
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	
31	1248-1	4.815	4.815	0.000	166089	0.10000		(M)
32	1248-2	5.115	5.115	0.000	207256	0.10000		(M)
33	1248-3	5.342	5.342	0.000	272295	0.10000		(M)
34	1248-4	5.634	5.634	0.000	317240	0.10000		(M)
35	1248-5	5.671	5.671	0.000	372979	0.10000		(M)
M 36	PCB 1248 Total				1335859	0.50000		

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\48CAL3.D
Date : 28-DEC-2011 17:38
Client ID: 48CAL3
Instrument: secd04.i
Sample Info: 44340
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\2154CAL3.D
Report Date: 07-Feb-2012 15:32

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METHOD 8082

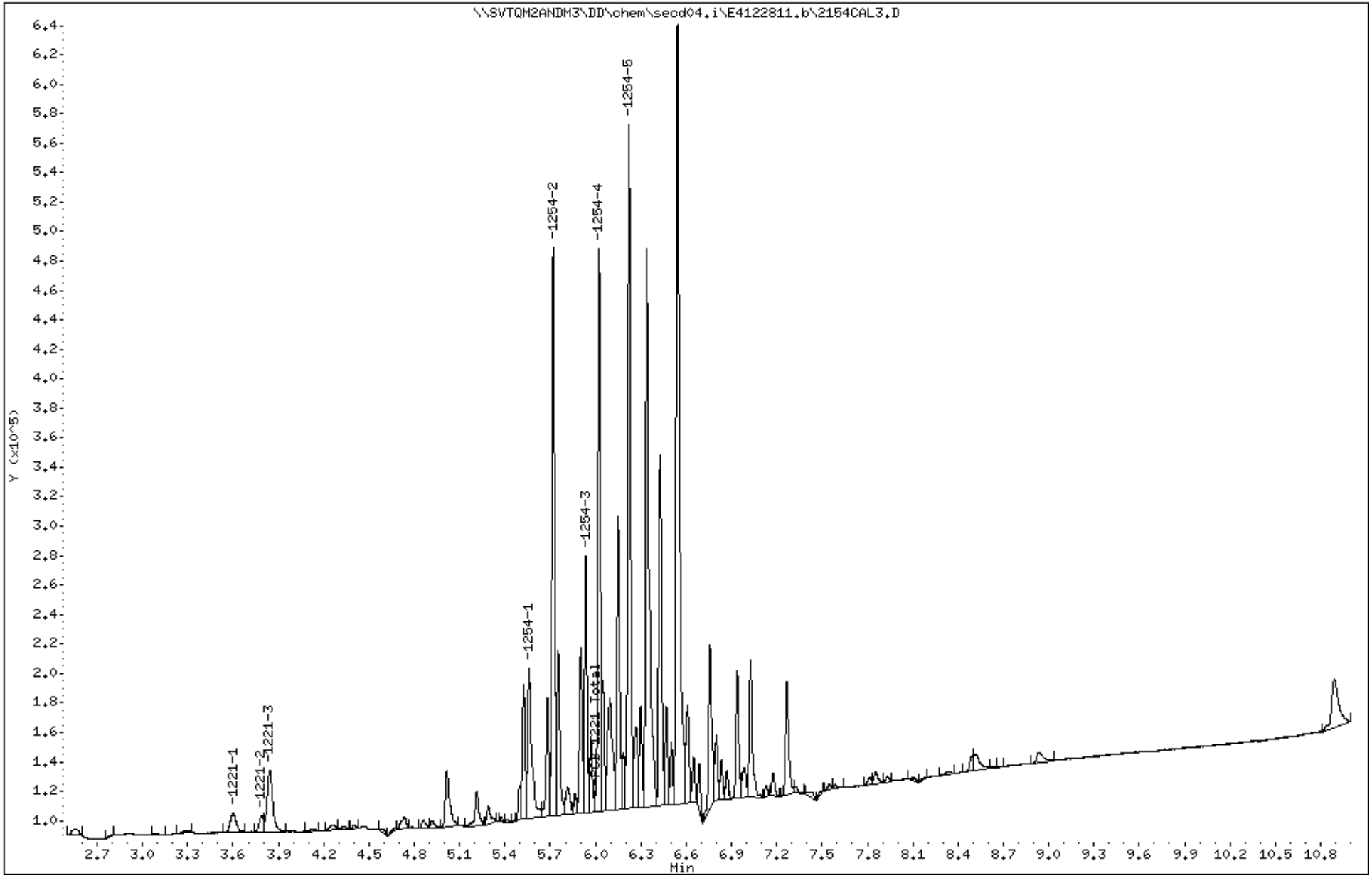
Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\2154CAL3.D
Lab Smp Id: 44135 Client Smp ID: 2154CAL3
Inj Date : 28-DEC-2011 17:53
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44135
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2154.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	13 1221-1	3.600	3.600	0.000	36466	0.17000	0.17
	14 1221-2	3.788	3.788	0.000	22316	0.17000	0.17
	15 1221-3	3.842	3.842	0.000	106775	0.17000	0.17
M	18 PCB 1221 Total				165557	0.50000	0.51
	37 1254-1	5.559	5.559	0.000	194514	0.10000	0.10
	38 1254-2	5.719	5.719	0.000	485573	0.10000	0.10
	39 1254-3	5.935	5.935	0.000	212519	0.10000	0.10
	40 1254-4	6.023	6.023	0.000	463287	0.10000	0.10
	41 1254-5	6.221	6.221	0.000	604223	0.10000	0.10
M	42 PCB 1254 Total				1960116	0.50000	0.50

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\2154CAL3.D
Date : 28-DEC-2011 17:53
Client ID: 2154CAL3
Instrument: secd04.i
Sample Info: 44135
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: 2154CAL3.D
Report Date: 07-Feb-2012 15:32

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\2154CAL3.D
Lab Smp Id: 44135 Client Smp ID: 2154CAL3
Inj Date : 28-DEC-2011 17:53
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44135
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2154.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

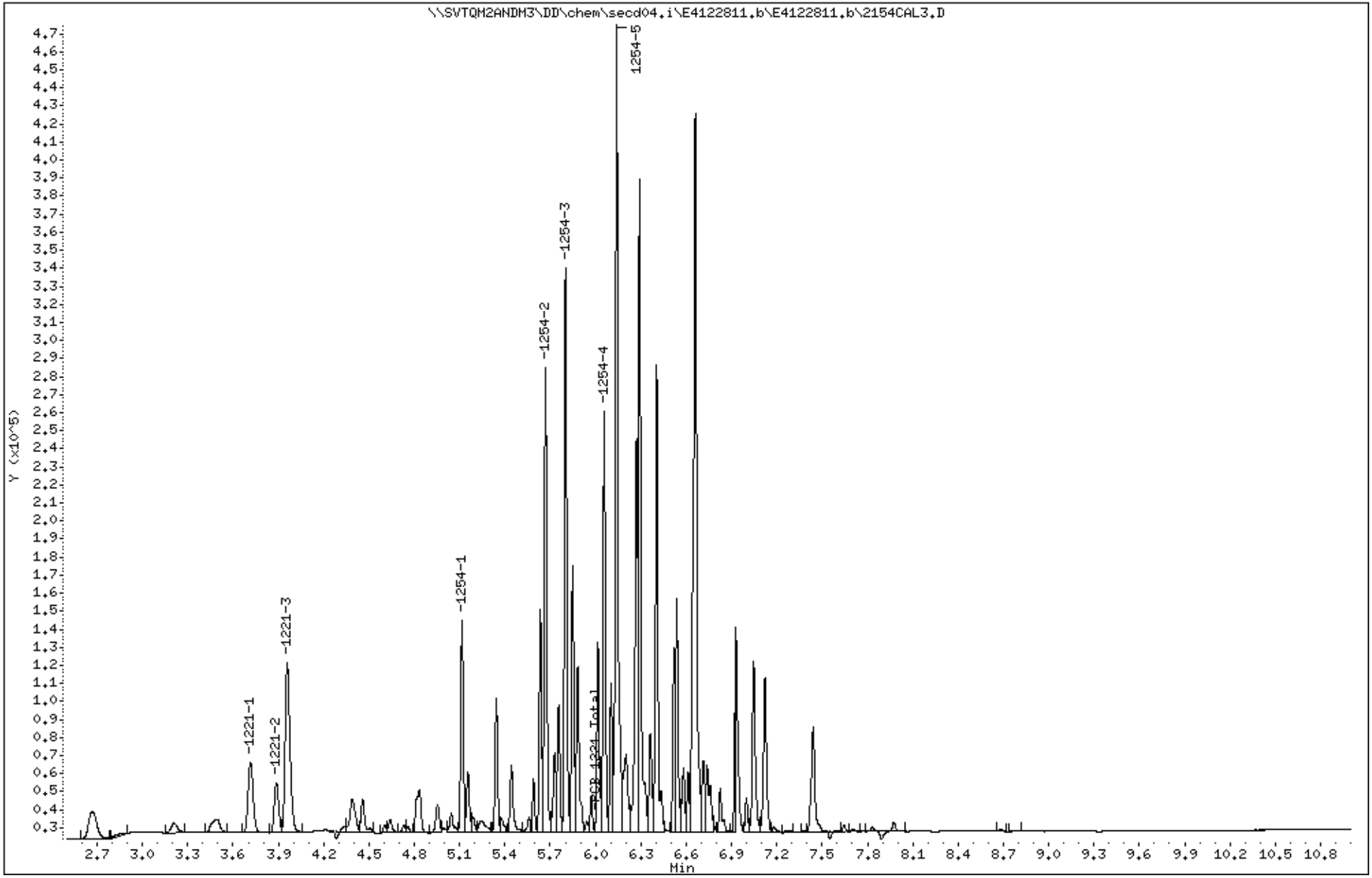
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	
	13 1221-1	3.715	3.715	0.000	91599	0.17000		
	14 1221-2	3.886	3.886	0.000	56265	0.17000		(M)
	15 1221-3	3.958	3.958	0.000	213739	0.17000		(M)
M	18 PCB 1221 Total				361603	0.50000		
	37 1254-1	5.115	5.115	0.000	143226	0.10000		(M)
	38 1254-2	5.668	5.668	0.000	293238	0.10000		(M)
	39 1254-3	5.801	5.801	0.000	329333	0.10000		(M)
	40 1254-4	6.057	6.057	0.000	252797	0.10000		(M)
	41 1254-5	6.139	6.139	0.000	530444	0.10000		(M)
M	42 PCB 1254 Total				1549038	0.50000		

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\2154CAL3.D
Date : 28-DEC-2011 17:53
Client ID: 2154CAL3 Instrument: secd04.i
Sample Info: 44135
Volume Injected (uL): 1.0 Operator: PEL Labs
Column phase: STX-CLP2 Column diameter: 0.32



3505044

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL6.D
Report Date: 07-Feb-2012 15:32

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL6.D
Lab Smp Id: 44123 Client Smp ID: ACAL6
Inj Date : 28-DEC-2011 18:08
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44123
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

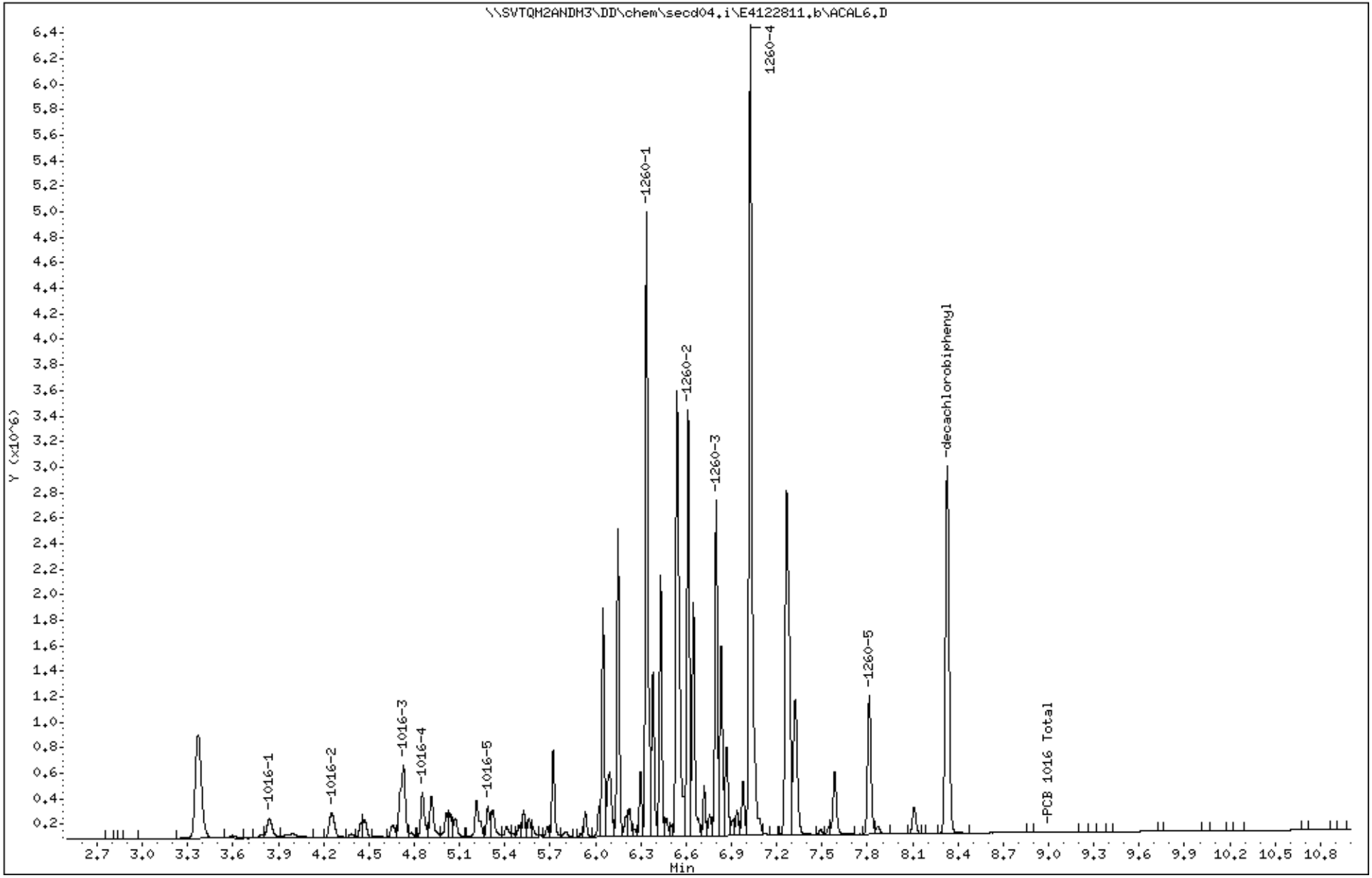
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.841	3.853	-0.012	400181	0.50000	0.48(M)
	2 1016-2	4.252	4.265	-0.013	509194	0.50000	0.48(M)
	3 1016-3	4.727	4.739	-0.012	1378691	0.50000	0.49(M)
	4 1016-4	4.853	4.863	-0.010	621669	0.50000	0.48(M)
	5 1016-5	5.286	5.296	-0.010	338205	0.50000	0.48(M)
M	6 PCB 1016 Total				3247940	2.50000	2.4
	7 1260-1	6.337	6.346	-0.009	5882651	0.50000	0.52(M)
	8 1260-2	6.613	6.622	-0.009	3872032	0.50000	0.51(M)
	9 1260-3	6.798	6.807	-0.009	3120735	0.50000	0.51(M)
	10 1260-4	7.024	7.034	-0.010	9023468	0.50000	0.52(M)
	11 1260-5	7.811	7.822	-0.011	1700688	0.50000	0.48
M	12 PCB 1260 Total				23599574	2.50000	2.5
$	45 decachlorobiphenyl	8.328	8.341	-0.013	4891537	0.25000	0.24

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL6.D
Date : 28-DEC-2011 18:08
Client ID: ACAL6
Instrument: secd04.i
Sample Info: 44123
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: ACAL6.D
Report Date: 07-Feb-2012 15:32

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL6.D
Lab Smp Id: 44123 Client Smp ID: ACAL6
Inj Date : 28-DEC-2011 18:08
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44123
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

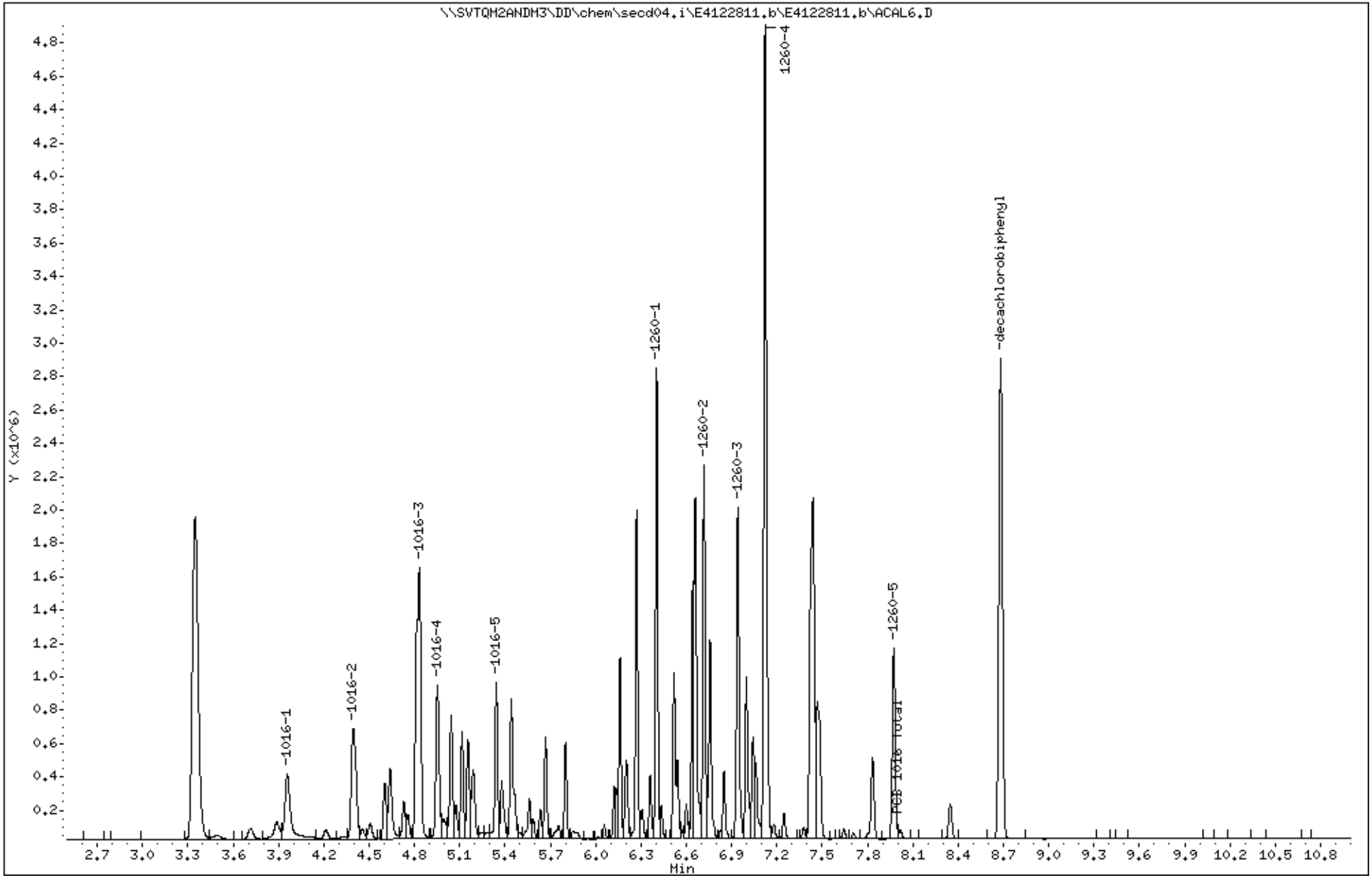
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.958	3.957	0.001	1067834	0.50000	0.50(M)
	2 1016-2	4.394	4.395	-0.001	1528323	0.50000	0.49(M)
	3 1016-3	4.832	4.833	-0.001	3637888	0.50000	0.48(M)
	4 1016-4	4.952	4.953	-0.001	1417676	0.50000	0.47(M)
	5 1016-5	5.342	5.343	-0.001	1144054	0.50000	0.62(M)
M	6 PCB 1016 Total				8795775	2.50000	2.6
	7 1260-1	6.404	6.406	-0.002	2780866	0.50000	0.49(M)
	8 1260-2	6.717	6.719	-0.002	2373780	0.50000	0.50(M)
	9 1260-3	6.941	6.944	-0.003	2398672	0.50000	0.50(M)
	10 1260-4	7.121	7.124	-0.003	6151958	0.50000	0.50(M)
	11 1260-5	7.974	7.977	-0.003	1589432	0.50000	0.53(M)
M	12 PCB 1260 Total				15294708	2.50000	2.5
$	45 decachlorobiphenyl	8.681	8.687	-0.006	4786354	0.25000	0.25

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL6.D
Date : 28-DEC-2011 18:08
Client ID: ACAL6
Instrument: secd04.i
Sample Info: 44123
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL5.D
Report Date: 07-Feb-2012 15:32

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL5.D
Lab Smp Id: 44124 Client Smp ID: ACAL5
Inj Date : 28-DEC-2011 18:23
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44124
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 9 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

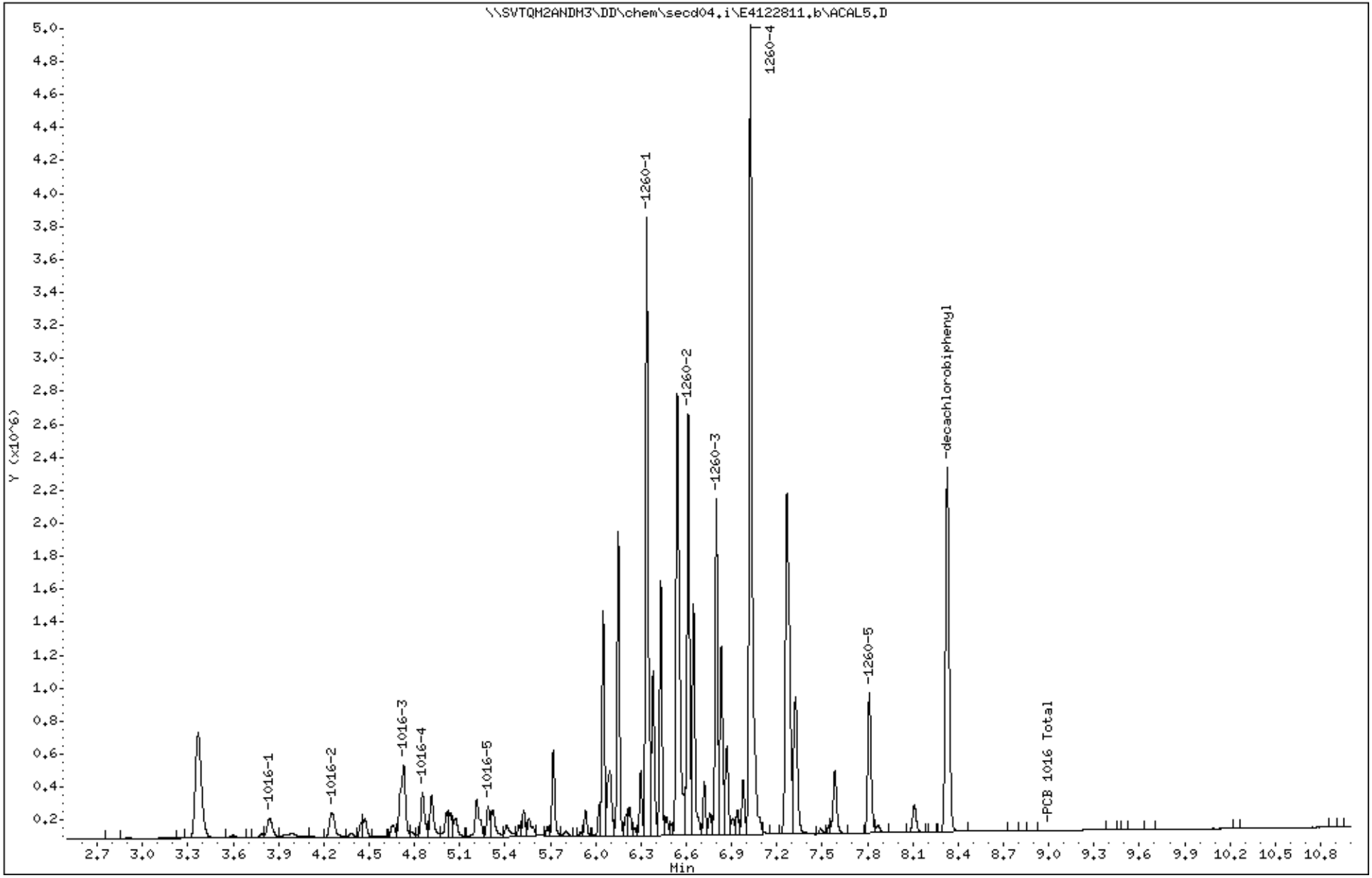
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	1 1016-1	3.840	3.853	-0.013	309237	0.40000	0.37(M)
	2 1016-2	4.253	4.265	-0.012	398537	0.40000	0.38(M)
	3 1016-3	4.729	4.739	-0.010	1078125	0.40000	0.38(M)
	4 1016-4	4.853	4.863	-0.010	485852	0.40000	0.38(M)
	5 1016-5	5.287	5.296	-0.009	269233	0.40000	0.39(M)
M	6 PCB 1016 Total				2540984	2.00000	1.9
	7 1260-1	6.338	6.346	-0.008	4541027	0.40000	0.40(M)
	8 1260-2	6.613	6.622	-0.009	2998073	0.40000	0.40(M)
	9 1260-3	6.799	6.807	-0.008	2439948	0.40000	0.40(M)
	10 1260-4	7.025	7.034	-0.009	6976745	0.40000	0.40(M)
	11 1260-5	7.811	7.822	-0.011	1322277	0.40000	0.38
M	12 PCB 1260 Total				18278070	2.00000	2.0
$	45 decachlorobiphenyl	8.328	8.341	-0.013	3803962	0.20000	0.18

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL5.D
Date : 28-DEC-2011 18:23
Client ID: ACAL5
Instrument: secd04.i
Sample Info: 44124
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: ACAL5.D
Report Date: 07-Feb-2012 15:32

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL5.D
Lab Smp Id: 44124 Client Smp ID: ACAL5
Inj Date : 28-DEC-2011 18:23
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44124
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 9 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

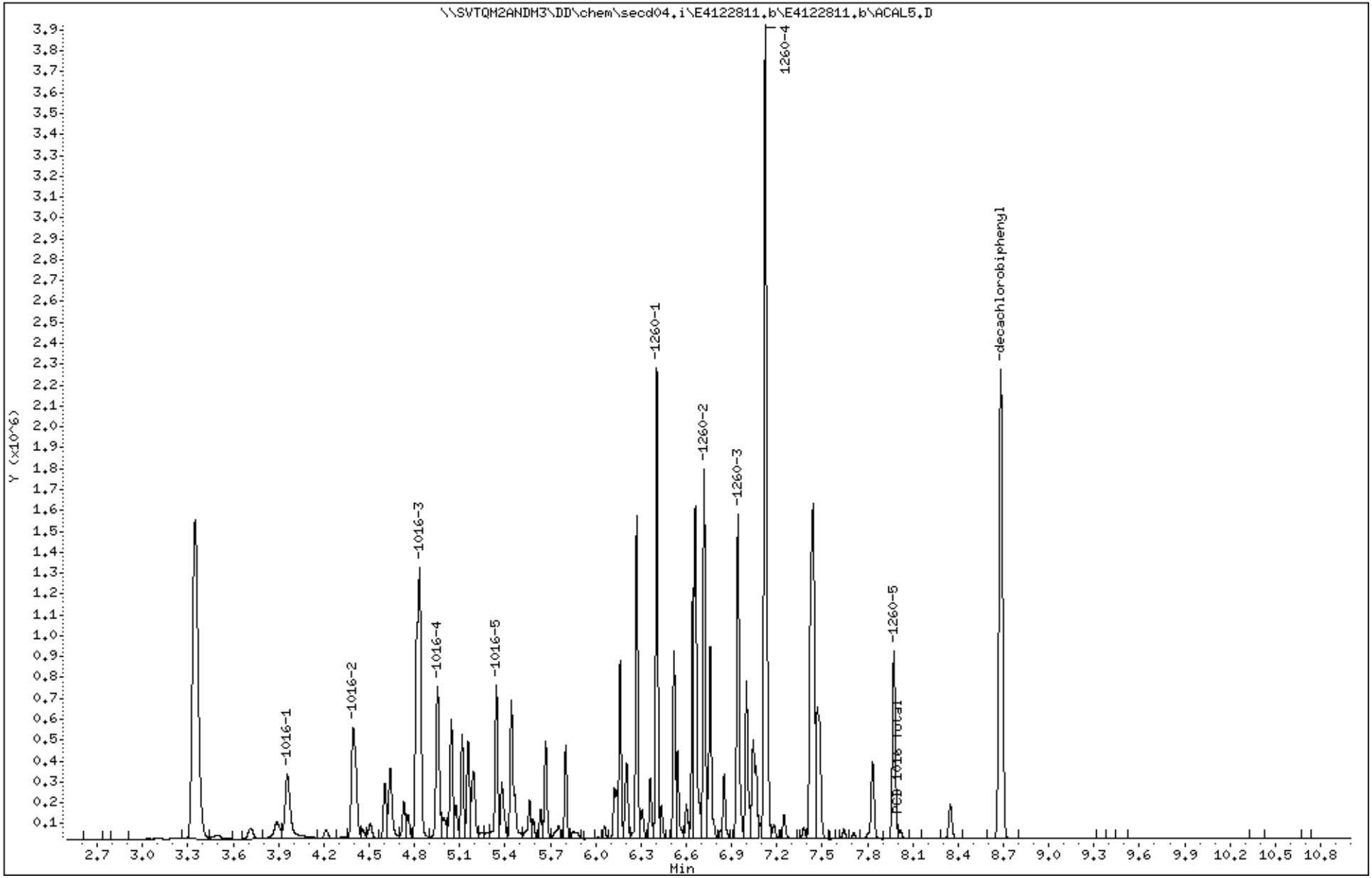
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.958	3.957	0.001	836878	0.40000	0.40
	2 1016-2	4.395	4.395	0.000	1197340	0.40000	0.38
	3 1016-3	4.834	4.833	0.001	2890030	0.40000	0.38(M)
	4 1016-4	4.953	4.953	0.000	1124043	0.40000	0.37(M)
	5 1016-5	5.343	5.343	0.000	891191	0.40000	0.45(M)
M	6 PCB 1016 Total				6939482	2.00000	2.0
	7 1260-1	6.405	6.406	-0.001	2181033	0.40000	0.39(M)
	8 1260-2	6.718	6.719	-0.001	1860583	0.40000	0.39(M)
	9 1260-3	6.942	6.944	-0.002	1872271	0.40000	0.39(M)
	10 1260-4	7.122	7.124	-0.002	4851249	0.40000	0.40(M)
	11 1260-5	7.974	7.977	-0.003	1235066	0.40000	0.41(M)
M	12 PCB 1260 Total				12000202	2.00000	2.0
$	45 decachlorobiphenyl	8.682	8.687	-0.005	3723654	0.20000	0.20

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL5.D
Date : 28-DEC-2011 18:23
Client ID: ACAL5
Instrument: secd04.i
Sample Info: 44124
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL4.D
Report Date: 07-Feb-2012 15:32

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL4.D
Lab Smp Id: 44125 Client Smp ID: ACAL4
Inj Date : 28-DEC-2011 18:38
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44125
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 10 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

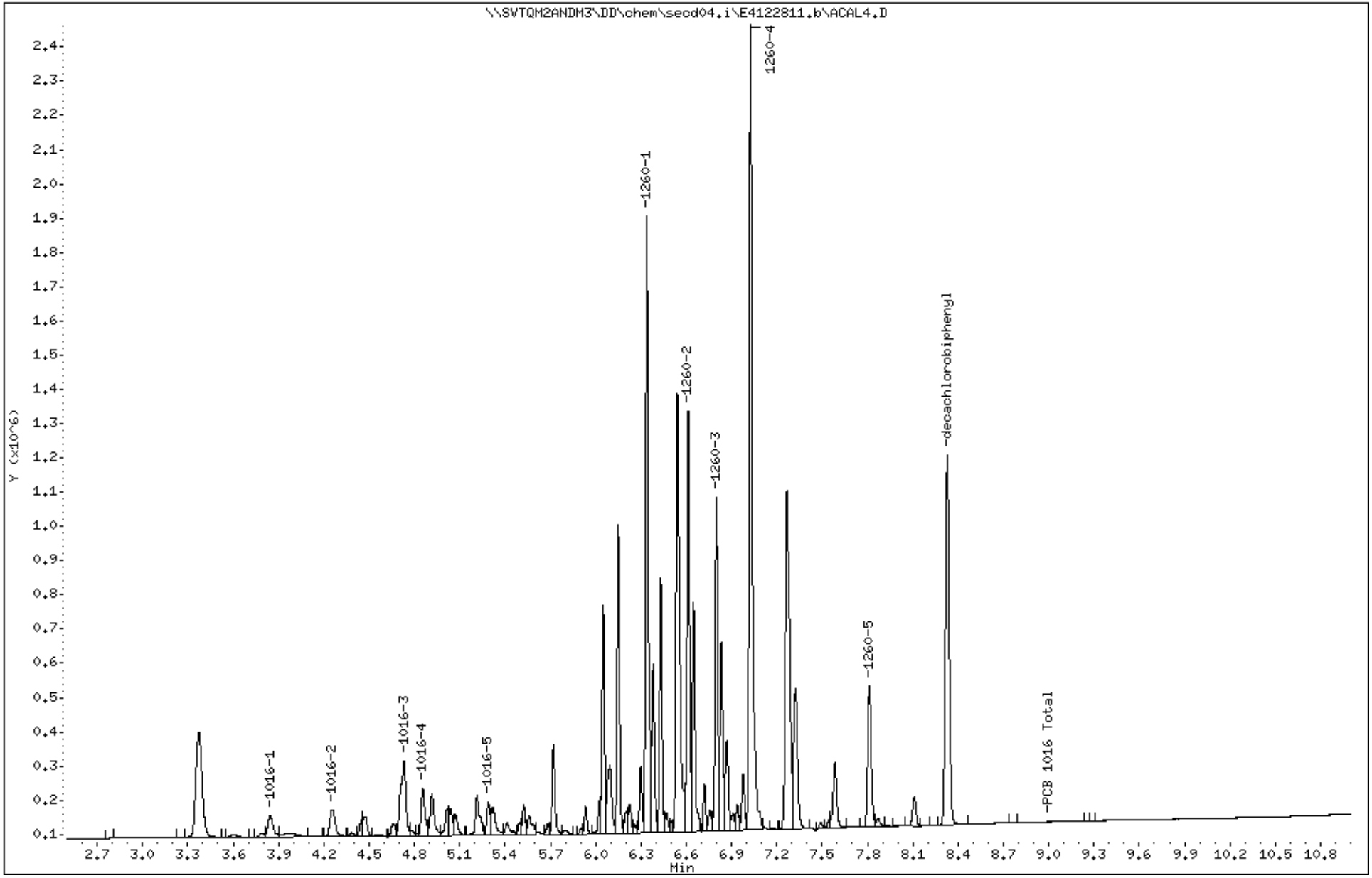
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.845	3.853	-0.008	156478	0.20000	0.19(M)
	2 1016-2	4.255	4.265	-0.010	206301	0.20000	0.19(M)
	3 1016-3	4.731	4.739	-0.008	545511	0.20000	0.19(M)
	4 1016-4	4.855	4.863	-0.008	249662	0.20000	0.19(M)
	5 1016-5	5.289	5.296	-0.007	135064	0.20000	0.19(M)
M	6 PCB 1016 Total				1293016	1.00000	0.96
	7 1260-1	6.338	6.346	-0.008	2189515	0.20000	0.19(M)
	8 1260-2	6.613	6.622	-0.009	1451915	0.20000	0.19(M)
	9 1260-3	6.799	6.807	-0.008	1171898	0.20000	0.19(M)
	10 1260-4	7.025	7.034	-0.009	3354715	0.20000	0.19(M)
	11 1260-5	7.812	7.822	-0.010	659651	0.20000	0.19
M	12 PCB 1260 Total				8827694	1.00000	0.96
$	45 decachlorobiphenyl	8.328	8.341	-0.013	1896365	0.10000	0.092

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL4.D
Date : 28-DEC-2011 18:38
Client ID: ACAL4
Instrument: secd04.i
Sample Info: 44125
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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Data File: ACAL4.D
Report Date: 07-Feb-2012 15:32

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL4.D
Lab Smp Id: 44125 Client Smp ID: ACAL4
Inj Date : 28-DEC-2011 18:38
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44125
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 10 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

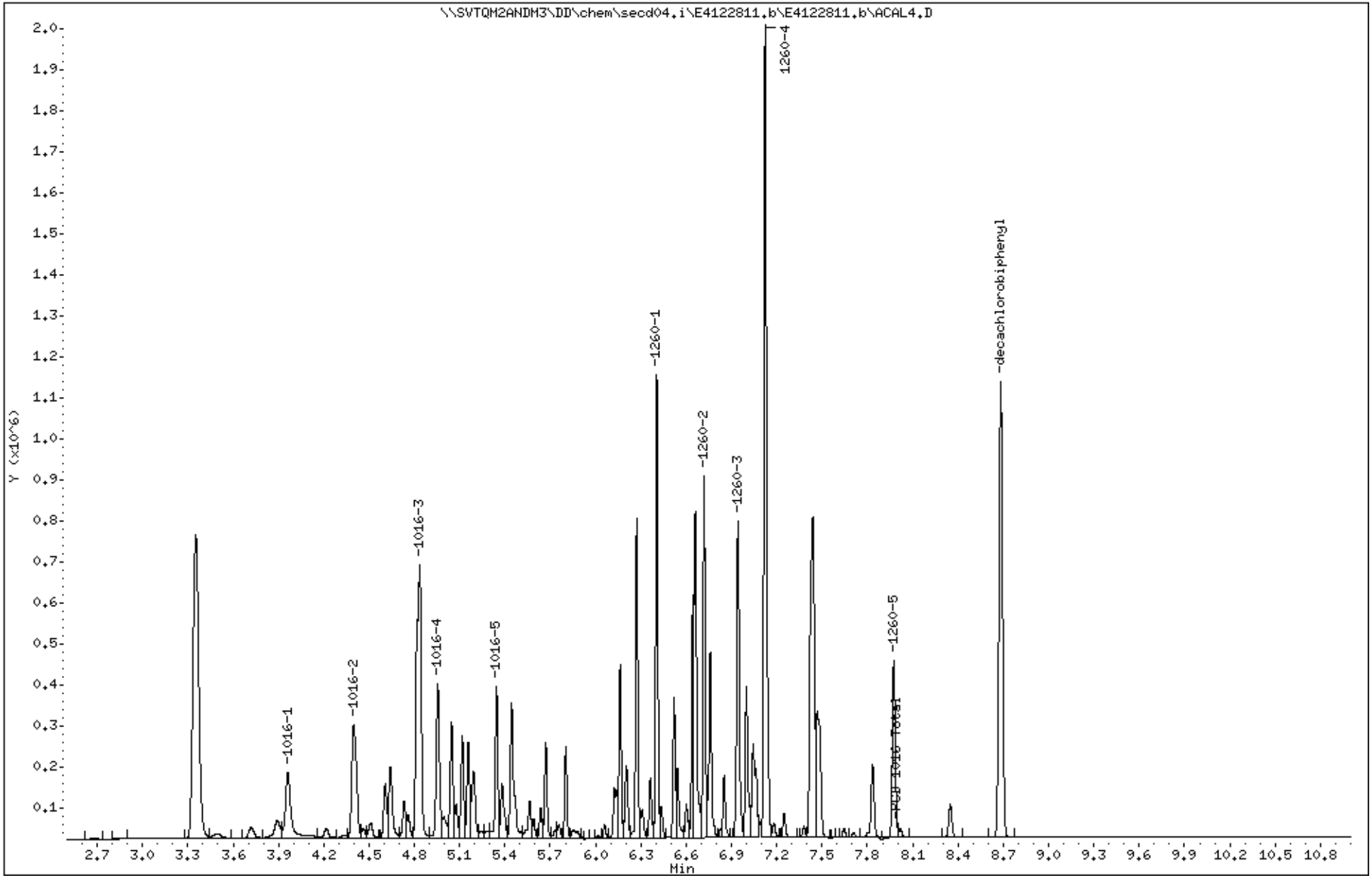
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.962	3.957	0.005	418079	0.20000	0.20(M)
	2 1016-2	4.397	4.395	0.002	617034	0.20000	0.20(M)
	3 1016-3	4.835	4.833	0.002	1469909	0.20000	0.19(M)
	4 1016-4	4.955	4.953	0.002	574817	0.20000	0.19(M)
	5 1016-5	5.344	5.343	0.001	446834	0.20000	0.21(M)
M	6 PCB 1016 Total				3526673	1.00000	0.99
	7 1260-1	6.405	6.406	-0.001	1095316	0.20000	0.19(M)
	8 1260-2	6.718	6.719	-0.001	920825	0.20000	0.19(M)
	9 1260-3	6.943	6.944	-0.001	923280	0.20000	0.19(M)
	10 1260-4	7.123	7.124	-0.001	2428155	0.20000	0.20(M)
	11 1260-5	7.975	7.977	-0.002	590642	0.20000	0.20(M)
M	12 PCB 1260 Total				5958218	1.00000	0.98
$	45 decachlorobiphenyl	8.683	8.687	-0.004	1837049	0.10000	0.096

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL4.D
Date : 28-DEC-2011 18:38
Client ID: ACAL4
Instrument: secd04.i
Sample Info: 44125
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL3.D
Report Date: 07-Feb-2012 15:32

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL3.D
Lab Smp Id: 44126 Client Smp ID: ACAL3
Inj Date : 28-DEC-2011 18:53
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44126
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 11 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

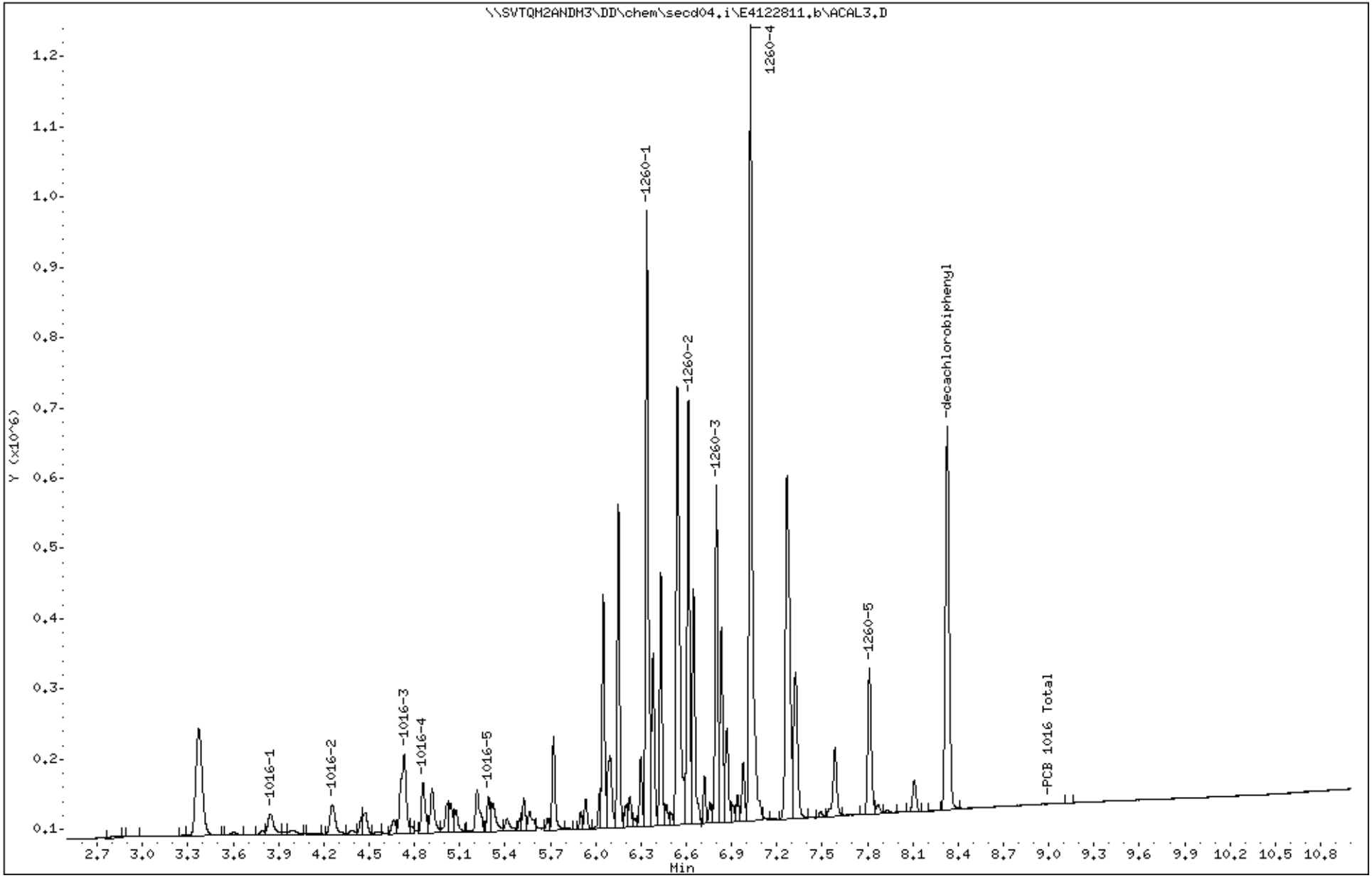
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.846	3.853	-0.007	87701	0.10000	0.10(M)
	2 1016-2	4.257	4.265	-0.008	112179	0.10000	0.10(M)
	3 1016-3	4.732	4.739	-0.007	286089	0.10000	0.10(M)
	4 1016-4	4.857	4.863	-0.006	133330	0.10000	0.10(M)
	5 1016-5	5.290	5.296	-0.006	70841	0.10000	0.10(M)
M	6 PCB 1016 Total				690140	0.50000	0.52
	7 1260-1	6.339	6.346	-0.007	1082595	0.10000	0.096(M)
	8 1260-2	6.614	6.622	-0.008	722881	0.10000	0.095(M)
	9 1260-3	6.799	6.807	-0.008	587356	0.10000	0.097(M)
	10 1260-4	7.025	7.034	-0.009	1649575	0.10000	0.095(M)
	11 1260-5	7.813	7.822	-0.009	337247	0.10000	0.096
M	12 PCB 1260 Total				4379654	0.50000	0.48
$	45 decachlorobiphenyl	8.328	8.341	-0.013	963826	0.05000	0.047

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL3.D
Date : 28-DEC-2011 18:53
Client ID: ACAL3
Instrument: secd04.i
Sample Info: 44126
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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Data File: ACAL3.D
Report Date: 07-Feb-2012 15:32

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL3.D
Lab Smp Id: 44126 Client Smp ID: ACAL3
Inj Date : 28-DEC-2011 18:53
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44126
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 11 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

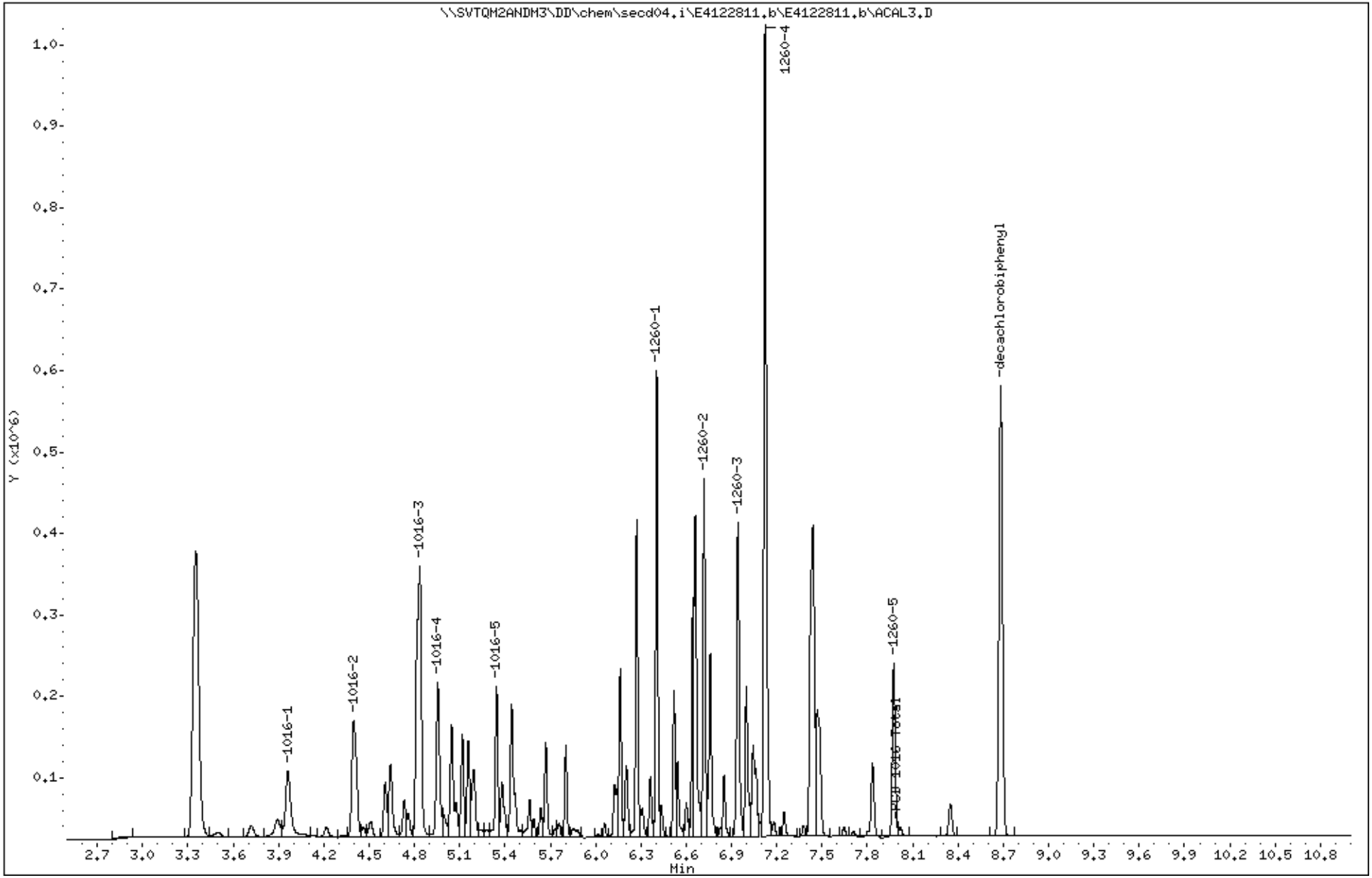
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.963	3.957	0.006	208212	0.10000	0.098(M)
	2 1016-2	4.398	4.395	0.003	319631	0.10000	0.10(M)
	3 1016-3	4.835	4.833	0.002	745019	0.10000	0.098(M)
	4 1016-4	4.955	4.953	0.002	293191	0.10000	0.097(M)
	5 1016-5	5.345	5.343	0.002	227153	0.10000	0.13(M)
M	6 PCB 1016 Total				1793206	0.50000	0.53
	7 1260-1	6.405	6.406	-0.001	550770	0.10000	0.098(M)
	8 1260-2	6.718	6.719	-0.001	464469	0.10000	0.097(M)
	9 1260-3	6.942	6.944	-0.002	459323	0.10000	0.096(M)
	10 1260-4	7.122	7.124	-0.002	1212619	0.10000	0.099(M)
	11 1260-5	7.974	7.977	-0.003	290318	0.10000	0.097(M)
M	12 PCB 1260 Total				2977499	0.50000	0.49
$	45 decachlorobiphenyl	8.682	8.687	-0.005	915814	0.05000	0.048

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL3.D
Date : 28-DEC-2011 18:53
Client ID: ACAL3
Instrument: secd04.i
Sample Info: 44126
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL2.D
Report Date: 07-Feb-2012 15:32

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL2.D
Lab Smp Id: 44127 Client Smp ID: ACAL2
Inj Date : 28-DEC-2011 19:08
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44127
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

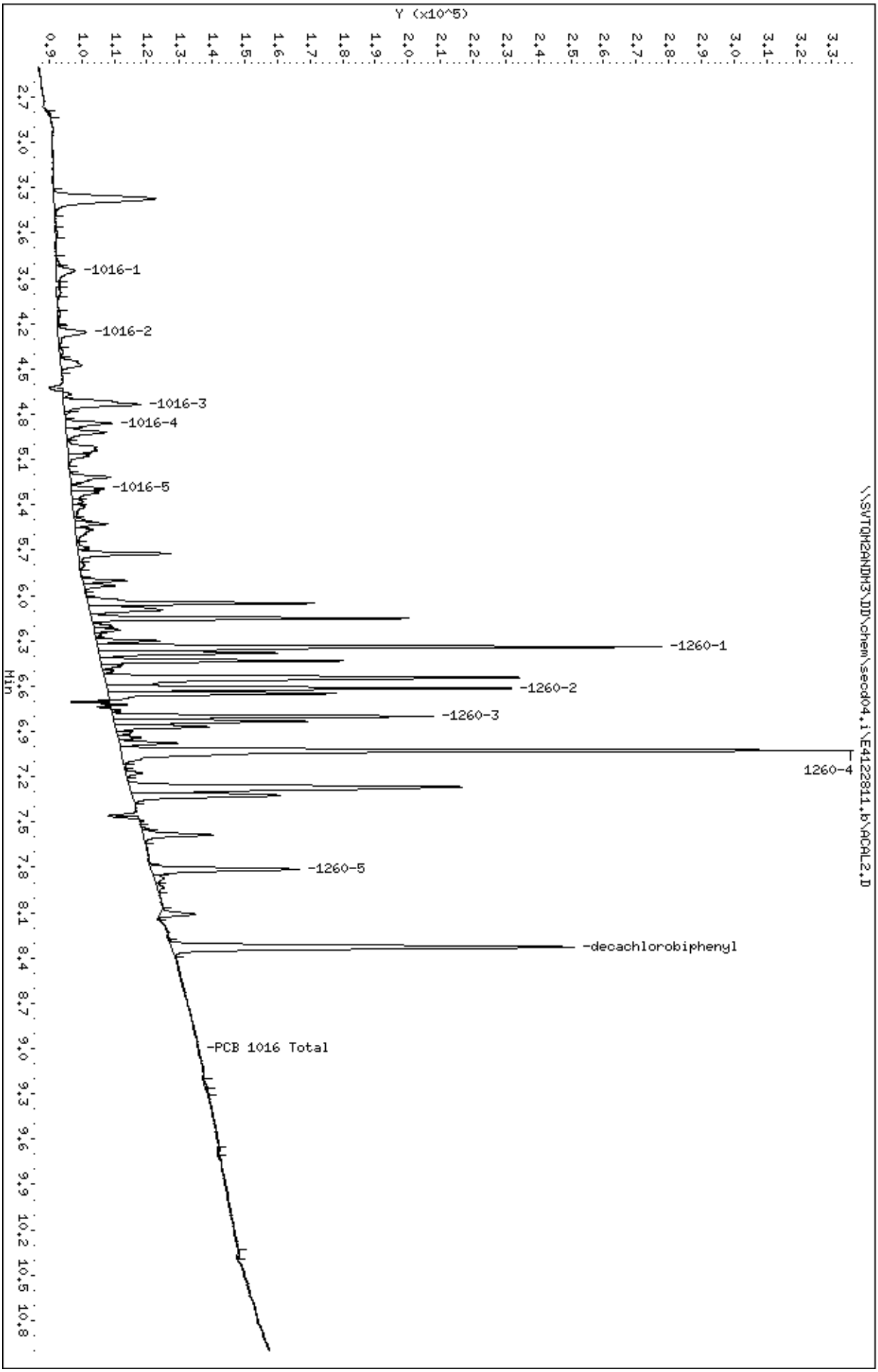
Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.850	3.853	-0.003	18152	0.02000	0.022(M)
	2 1016-2	4.258	4.265	-0.007	23282	0.02000	0.022(M)
	3 1016-3	4.735	4.739	-0.004	57470	0.02000	0.020(M)
	4 1016-4	4.859	4.863	-0.004	25852	0.02000	0.020(M)
	5 1016-5	5.290	5.296	-0.006	14239	0.02000	0.020(M)
M	6 PCB 1016 Total				138995	0.10000	0.10
	7 1260-1	6.339	6.346	-0.007	223624	0.02000	0.020(M)
	8 1260-2	6.614	6.622	-0.008	151468	0.02000	0.020(M)
	9 1260-3	6.799	6.807	-0.008	119865	0.02000	0.020(M)
	10 1260-4	7.025	7.034	-0.009	339927	0.02000	0.020(M)
	11 1260-5	7.813	7.822	-0.009	75856	0.02000	0.022
M	12 PCB 1260 Total				910740	0.10000	0.10
$	45 decachlorobiphenyl	8.328	8.341	-0.013	222689	0.01000	0.011

QC Flag Legend

M - Compound response manually integrated.


Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL2.D
Date : 28-DEC-2011 19:08
Client ID: ACAL2
Sample Info: 44127
Volume Injected (uL): 1.0
Column phase: STX-CLP1
Instrument: secd04.i
Operator: PEL Labs
Column diameter: 0.32
Y (x10^5)
Min
-1016-1
-1016-2
-1016-3
-1016-4
-1016-5
-1260-1
-1260-2
-1260-3
1260-4
-1260-5
-decachlorobiphenyl
-PCB 1016 Total
\\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL2.D

Data File: ACAL2.D
Report Date: 07-Feb-2012 15:32

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL2.D
Lab Smp Id: 44127 Client Smp ID: ACAL2
Inj Date : 28-DEC-2011 19:08
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44127
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

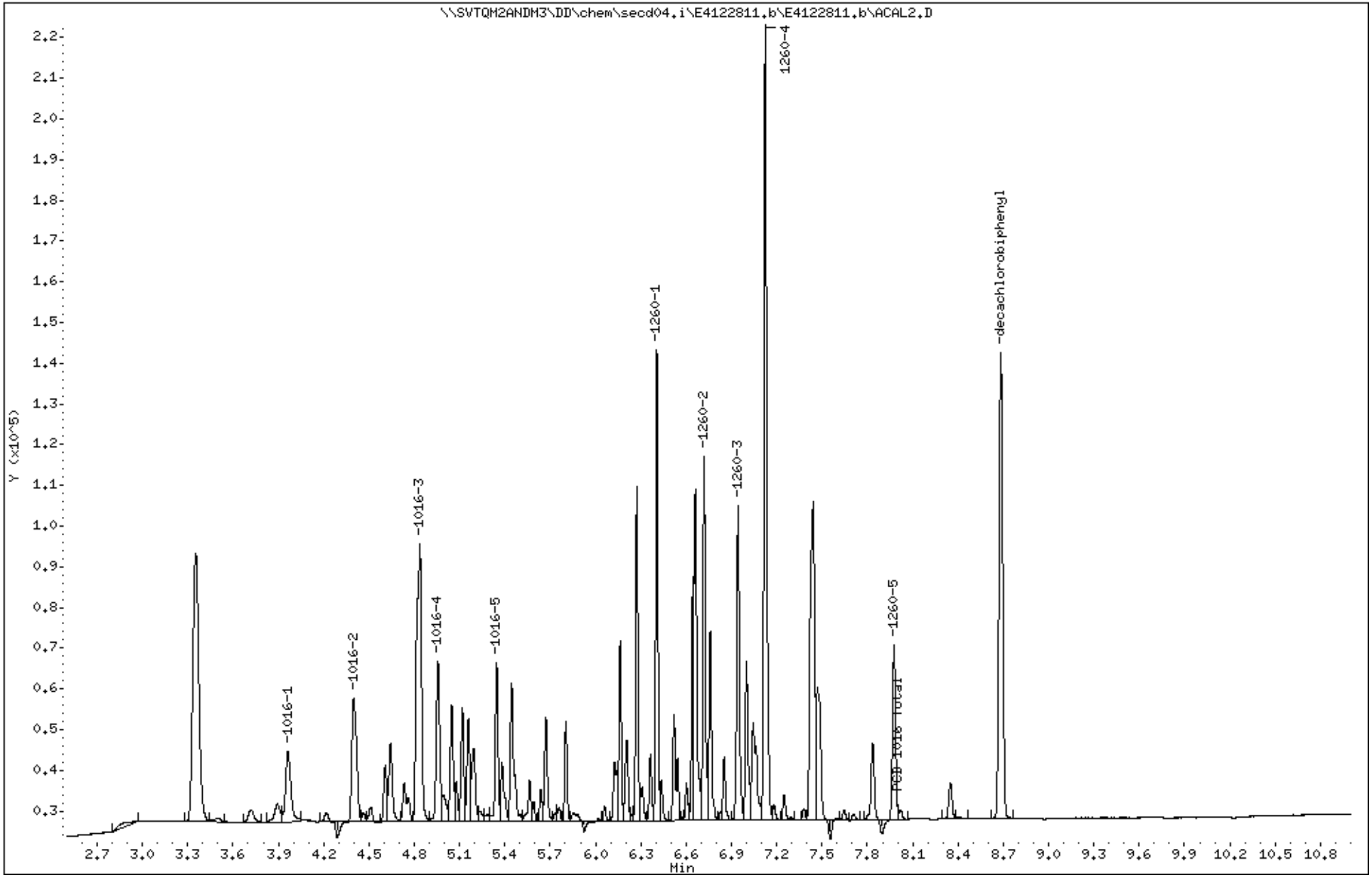
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.964	3.957	0.007	42571	0.02000	0.020(M)
	2 1016-2	4.398	4.395	0.003	61952	0.02000	0.020(M)
	3 1016-3	4.836	4.833	0.003	156193	0.02000	0.021(M)
	4 1016-4	4.956	4.953	0.003	62955	0.02000	0.021(M)
	5 1016-5	5.345	5.343	0.002	48394	0.02000	0.021(M)
M	6 PCB 1016 Total				372065	0.10000	0.10
	7 1260-1	6.405	6.406	-0.001	114785	0.02000	0.020(M)
	8 1260-2	6.719	6.719	0.000	97989	0.02000	0.020(M)
	9 1260-3	6.943	6.944	-0.001	96597	0.02000	0.020(M)
	10 1260-4	7.123	7.124	-0.001	243273	0.02000	0.020(M)
	11 1260-5	7.975	7.977	-0.002	57568	0.02000	0.019(M)
M	12 PCB 1260 Total				610212	0.10000	0.10
$	45 decachlorobiphenyl	8.683	8.687	-0.004	192417	0.01000	0.010

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL2.D
Date : 28-DEC-2011 19:08
Client ID: ACAL2
Instrument: secd04.i
Sample Info: 44127
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL1.D
Report Date: 07-Feb-2012 15:32

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL1.D
Lab Smp Id: 44128 Client Smp ID: ACAL1
Inj Date : 28-DEC-2011 19:24
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44128
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 13 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

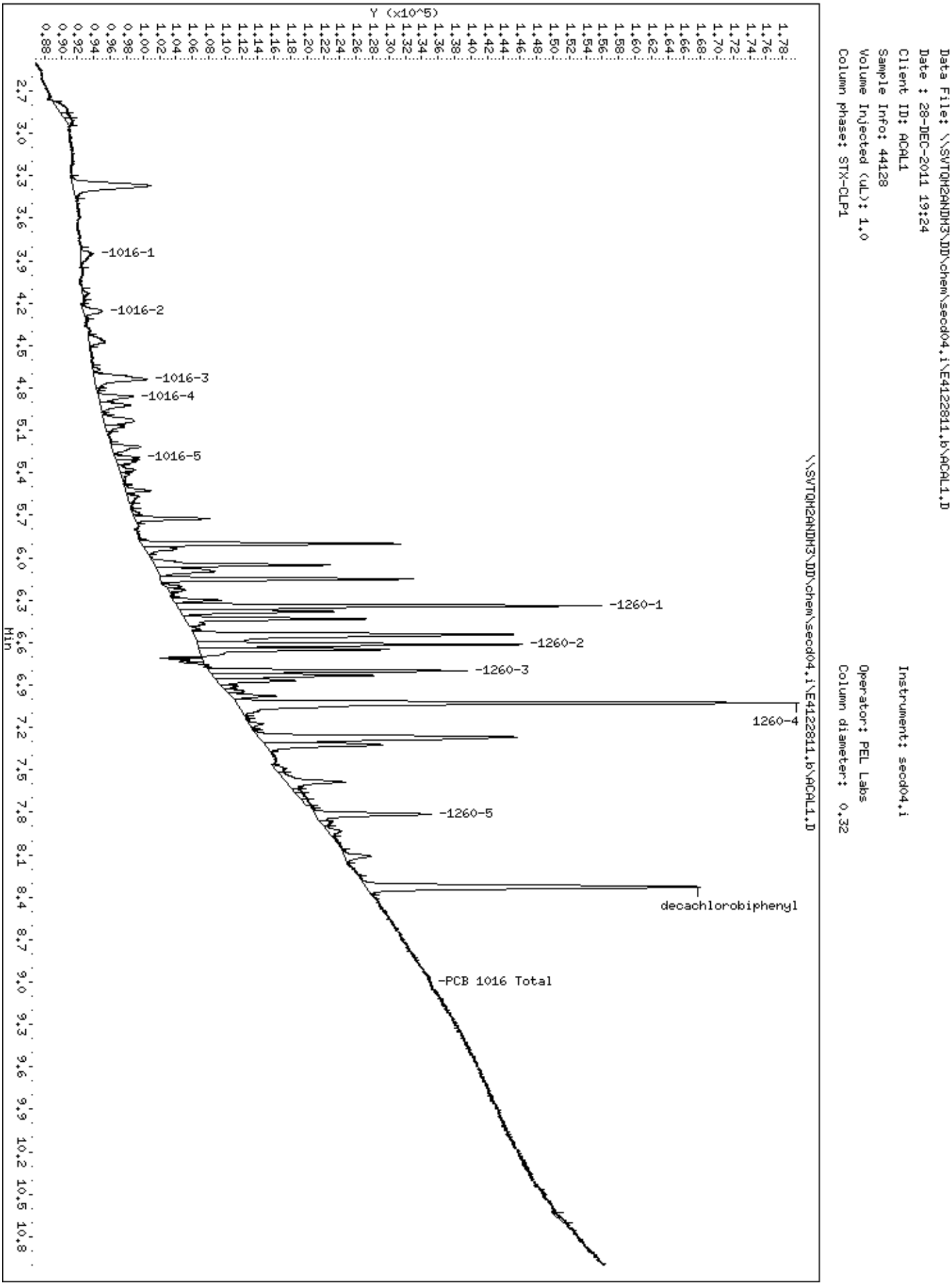
Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.852	3.853	-0.001	5147	0.00600	0.0062(M)
	2 1016-2	4.256	4.265	-0.009	6210	0.00600	0.0058
	3 1016-3	4.739	4.739	0.000	17803	0.00600	0.0063(M)
	4 1016-4	4.859	4.863	-0.004	8497	0.00600	0.0066(M)
	5 1016-5	5.292	5.296	-0.004	4433	0.00600	0.0064(M)
M	6 PCB 1016 Total				42090	0.03000	0.031
	7 1260-1	6.339	6.346	-0.007	69249	0.00600	0.0061
	8 1260-2	6.614	6.622	-0.008	49177	0.00600	0.0065(M)
	9 1260-3	6.799	6.807	-0.008	38324	0.00600	0.0063(M)
	10 1260-4	7.026	7.034	-0.008	108981	0.00600	0.0063(M)
	11 1260-5	7.814	7.822	-0.008	23813	0.00600	0.0068(M)
M	12 PCB 1260 Total				289544	0.03000	0.032
$	45 decachlorobiphenyl	8.327	8.341	-0.014	73129	0.00300	0.0036

QC Flag Legend

M - Compound response manually integrated.


Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL1.D
Date : 28-DEC-2011 19:24
Client ID: ACAL1
Sample Info: 44128
Volume Injected (uL): 1.0
Column phase: STX-CLP1
Instrument: secd04.i
Operator: PEL Labs
Column diameter: 0.32
Y (x10^5)
Min
\\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ACAL1.D
-1016-1
-1016-2
-1016-3
-1016-4
-1016-5
-1260-1
-1260-2
-1260-3
1260-4
-1260-5
decachlorobiphenyl
-PCB 1016 Total

Data File: ACAL1.D
Report Date: 07-Feb-2012 15:32

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL1.D
Lab Smp Id: 44128 Client Smp ID: ACAL1
Inj Date : 28-DEC-2011 19:24
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44128
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 13 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

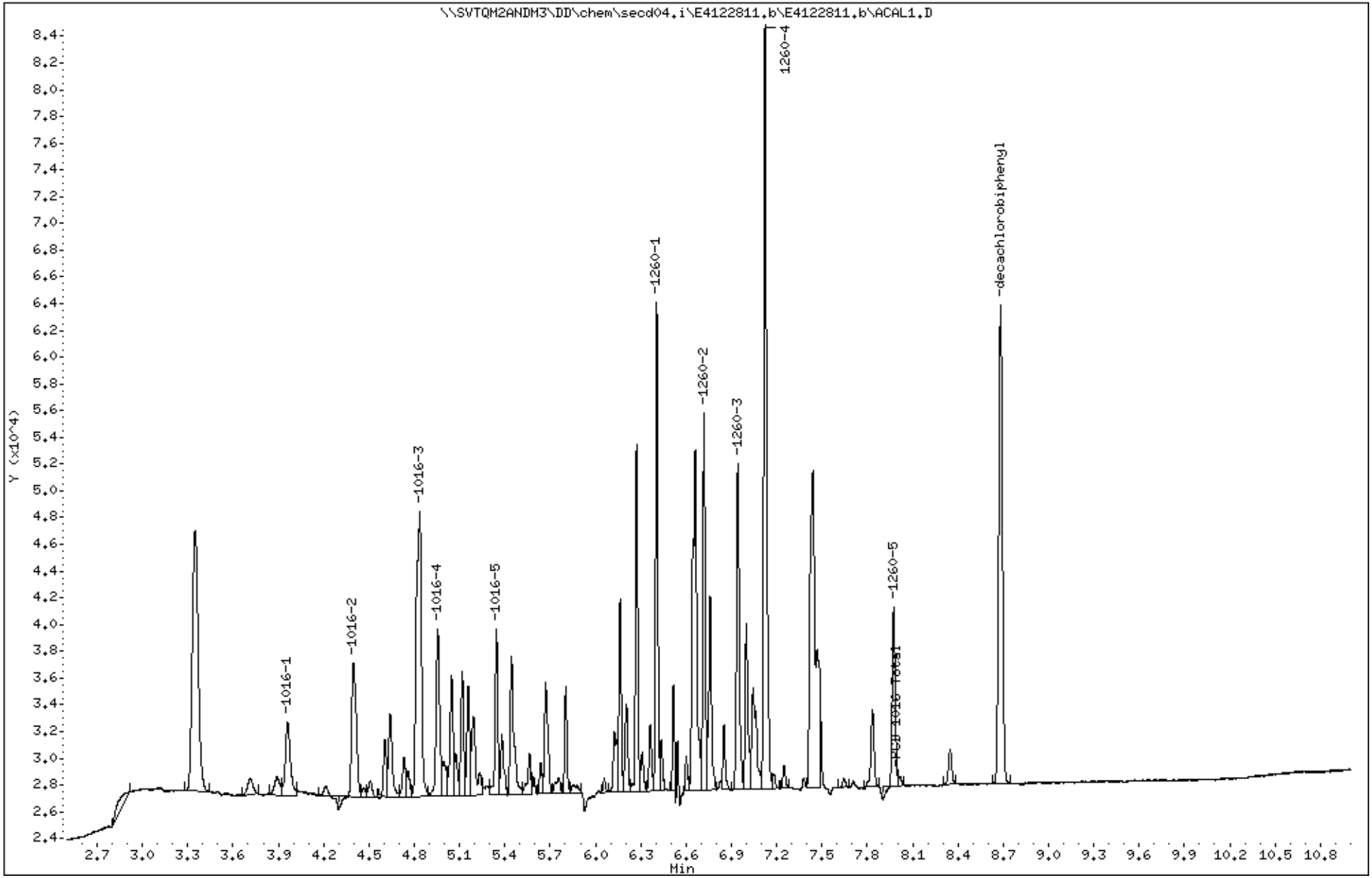
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.960	3.957	0.003	12948	0.00600	0.0061(M)
	2 1016-2	4.396	4.395	0.001	20477	0.00600	0.0065(M)
	3 1016-3	4.836	4.833	0.003	50282	0.00600	0.0066(M)
	4 1016-4	4.955	4.953	0.002	20839	0.00600	0.0069(M)
	5 1016-5	5.344	5.343	0.001	15602	0.00600	0.0067(M)
M	6 PCB 1016 Total				120148	0.03000	0.033
	7 1260-1	6.405	6.406	-0.001	36662	0.00600	0.0065(M)
	8 1260-2	6.718	6.719	-0.001	30868	0.00600	0.0064(M)
	9 1260-3	6.943	6.944	-0.001	30439	0.00600	0.0064(M)
	10 1260-4	7.122	7.124	-0.002	74775	0.00600	0.0061(M)
	11 1260-5	7.974	7.977	-0.003	17524	0.00600	0.0059(M)
M	12 PCB 1260 Total				190268	0.03000	0.031
$	45 decachlorobiphenyl	8.682	8.687	-0.005	61493	0.00300	0.0032

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ACAL1.D
Date : 28-DEC-2011 19:24
Client ID: ACAL1
Instrument: secd04.i
Sample Info: 44128
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ASEC.D
Report Date: 07-Feb-2012 15:32

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ASEC.D
Lab Smp Id: 43164 Client Smp ID: ASEC
Inj Date : 28-DEC-2011 19:39
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 43164
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 14 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

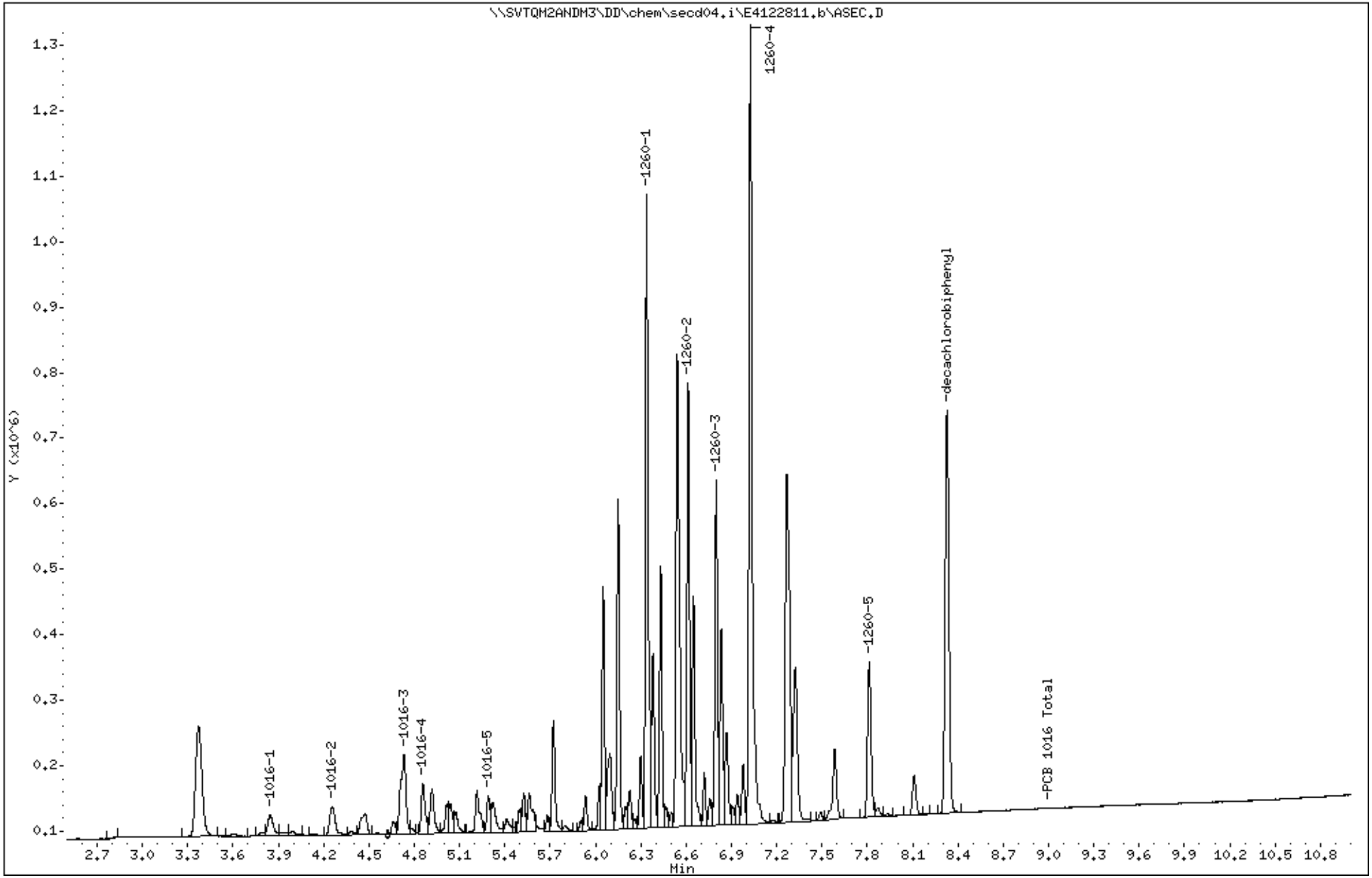
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.846	3.853	-0.007	84973	0.10000	0.10(M)
	2 1016-2	4.256	4.265	-0.009	113317	0.10000	0.11(M)
	3 1016-3	4.732	4.739	-0.007	302211	0.10000	0.11(M)
	4 1016-4	4.857	4.863	-0.006	139069	0.10000	0.11(M)
	5 1016-5	5.289	5.296	-0.007	77334	0.10000	0.11(M)
M	6 PCB 1016 Total				716904	0.50000	0.53
	7 1260-1	6.338	6.346	-0.008	1224076	0.10000	0.11(M)
	8 1260-2	6.613	6.622	-0.009	803368	0.10000	0.10(M)
	9 1260-3	6.799	6.807	-0.008	647751	0.10000	0.11(M)
	10 1260-4	7.025	7.034	-0.009	1801859	0.10000	0.10(M)
	11 1260-5	7.812	7.822	-0.010	385800	0.10000	0.11
M	12 PCB 1260 Total				4862854	0.50000	0.53
$	45 decachlorobiphenyl	8.327	8.341	-0.014	1079222	0.05000	0.052

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\ASEC.D
Date : 28-DEC-2011 19:39
Client ID: ASEC
Instrument: secd04.i
Sample Info: 43164
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: ASEC.D
Report Date: 07-Feb-2012 15:32

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ASEC.D
Lab Smp Id: 43164 Client Smp ID: ASEC
Inj Date : 28-DEC-2011 19:39
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 43164
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\8082A.m\8082a.m
Meth Date : 29-Dec-2011 16:49 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 14 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

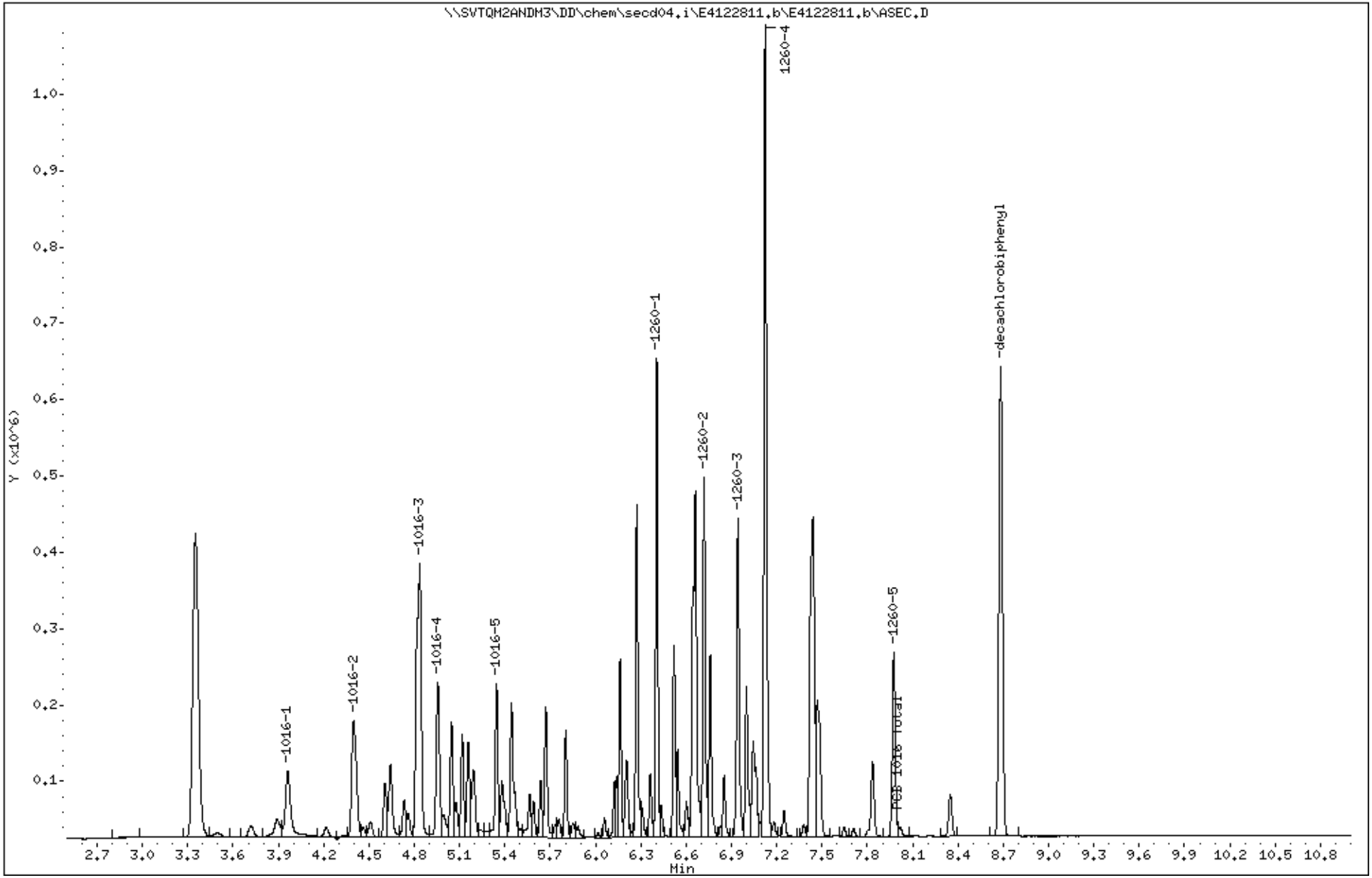
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.962	3.957	0.005	225007	0.10000	0.11(M)
	2 1016-2	4.397	4.395	0.002	340041	0.10000	0.11(M)
	3 1016-3	4.835	4.833	0.002	803944	0.10000	0.11(M)
	4 1016-4	4.955	4.953	0.002	318863	0.10000	0.10(M)
	5 1016-5	5.344	5.343	0.001	248295	0.10000	0.11(M)
M	6 PCB 1016 Total				1936150	0.50000	0.53
	7 1260-1	6.405	6.406	-0.001	607679	0.10000	0.11(M)
	8 1260-2	6.718	6.719	-0.001	512407	0.10000	0.11(M)
	9 1260-3	6.942	6.944	-0.002	506900	0.10000	0.11(M)
	10 1260-4	7.123	7.124	-0.001	1303989	0.10000	0.11(M)
	11 1260-5	7.974	7.977	-0.003	340169	0.10000	0.11(M)
M	12 PCB 1260 Total				3271144	0.50000	0.54
$	45 decachlorobiphenyl	8.682	8.687	-0.005	1019056	0.05000	0.054

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4122811.b\E4122811.b\ASEC.D
Date : 28-DEC-2011 19:39
Client ID: ASEC
Instrument: secd04.i
Sample Info: 43164
Volume Injected (uL): 1.0
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\ACCV4.D
Report Date: 07-Feb-2012 15:32

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\ACCV4.D
Lab Smp Id: 44593 Client Smp ID: ACCV4
Inj Date : 24-JAN-2012 10:49
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44593
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\8082A.m
Meth Date : 25-Jan-2012 12:23 secd04.i Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 37 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.822	3.823	-0.001	88397	0.10000	0.11(M)
	2 1016-2	4.236	4.235	0.001	113785	0.10000	0.11(M)
	3 1016-3	4.713	4.715	-0.002	278667	0.10000	0.099
	4 1016-4	4.838	4.839	-0.001	134738	0.10000	0.10
	5 1016-5	5.273	5.274	-0.001	63705	0.10000	0.091
M	6 PCB 1016 Total				679292	0.50000	0.51
	7 1260-1	6.338	6.328	0.010	936755	0.10000	0.083
	8 1260-2	6.621	6.604	0.017	683185	0.10000	0.090
	9 1260-3	6.805	6.789	0.016	526692	0.10000	0.087
	10 1260-4	7.033	7.016	0.017	1638097	0.10000	0.094
	11 1260-5	7.822	7.801	0.021	325582	0.10000	0.092
M	12 PCB 1260 Total				4110311	0.50000	0.45
$	45 decachlorobiphenyl	8.340	8.316	0.024	986607	0.05000	0.048

QC Flag Legend

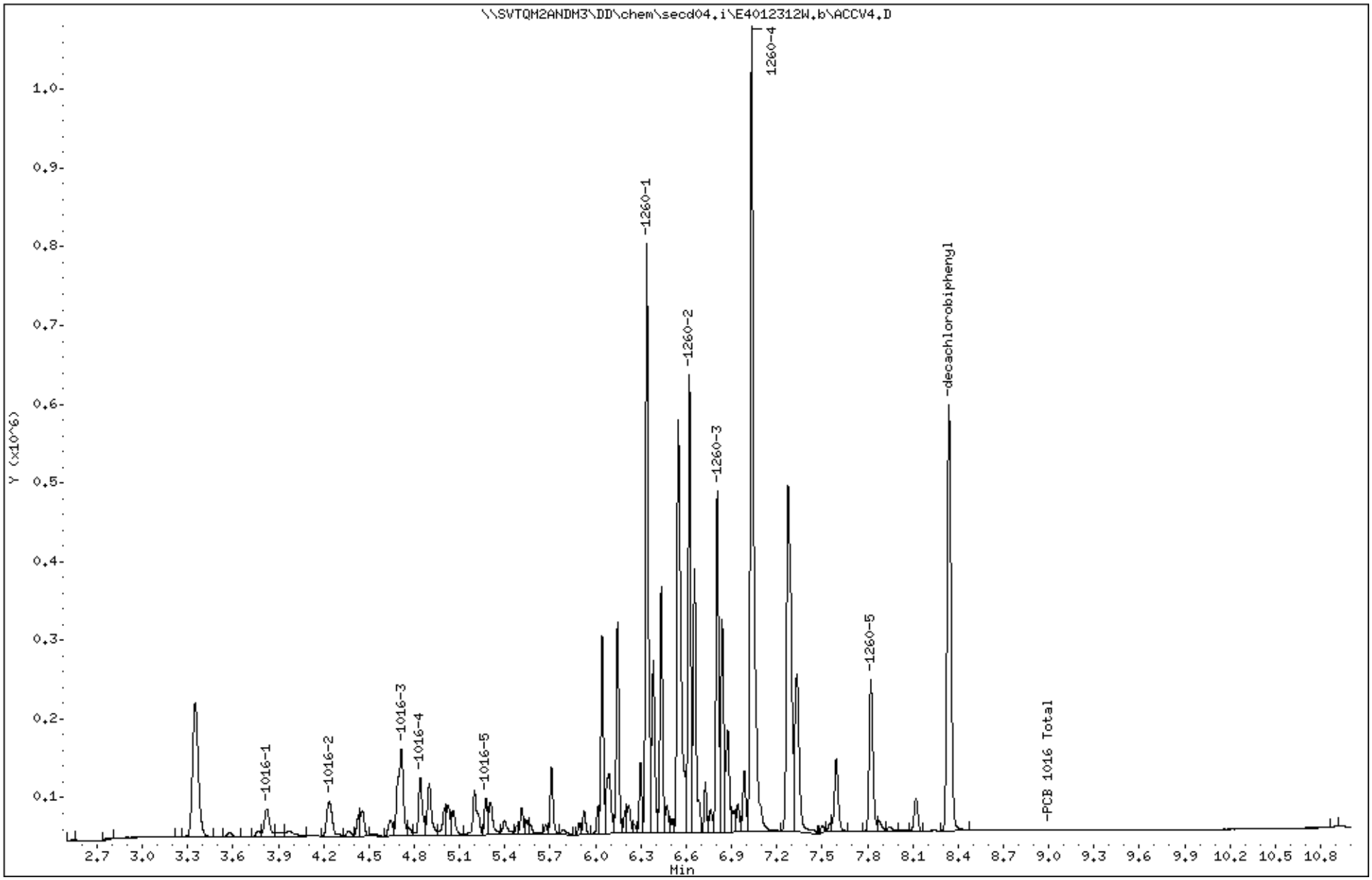
M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\ACCV4.D
Date : 24-JAN-2012 10:49
Client ID: ACCV4
Sample Info: 44593

Column phase: STX-CLP1

Instrument: secd04.i

Operator: PEL Labs
Column diameter: 0.32



127
3505044

Data File: ACCV4.D
Report Date: 07-Feb-2012 15:32

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\E4012312W.b\ACCV4.D
Lab Smp Id: 44593 Client Smp ID: ACCV4
Inj Date : 24-JAN-2012 10:49
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44593
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\8082A.m\8082a.m
Meth Date : 25-Jan-2012 14:02 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 37 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

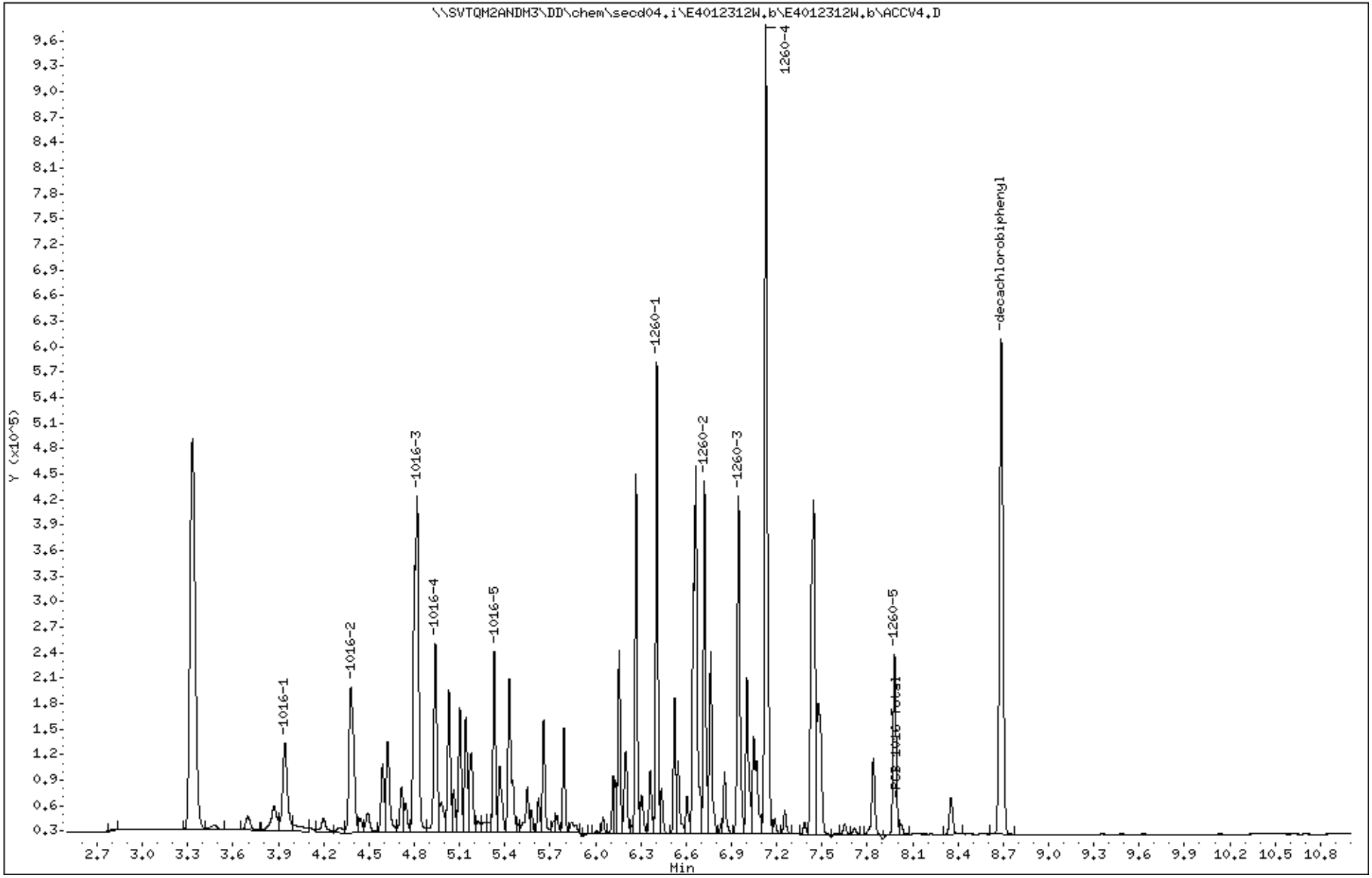
	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.942	3.943	-0.001	228629	0.10000	0.11(M)
	2 1016-2	4.379	4.380	-0.001	379233	0.10000	0.12
	3 1016-3	4.819	4.820	-0.001	866479	0.10000	0.11(M)
	4 1016-4	4.939	4.940	-0.001	343374	0.10000	0.11
	5 1016-5	5.329	5.330	-0.001	245046	0.10000	0.10
M	6 PCB 1016 Total				2062761	0.50000	0.56
	7 1260-1	6.406	6.393	0.013	545145	0.10000	0.097
	8 1260-2	6.721	6.706	0.015	438247	0.10000	0.092
	9 1260-3	6.947	6.929	0.018	488619	0.10000	0.10
	10 1260-4	7.127	7.108	0.019	1193331	0.10000	0.098
	11 1260-5	7.980	7.956	0.024	292834	0.10000	0.098(M)
M	12 PCB 1260 Total				2958176	0.50000	0.49
$	45 decachlorobiphenyl	8.686	8.661	0.025	966064	0.05000	0.051

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\E4012312W.b\ACCV4.D
Date : 24-JAN-2012 10:49
Client ID: ACCV4
Sample Info: 44593

Instrument: secd04.i
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\8077MB.D
Report Date: 07-Feb-2012 15:32

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METHOD 8082

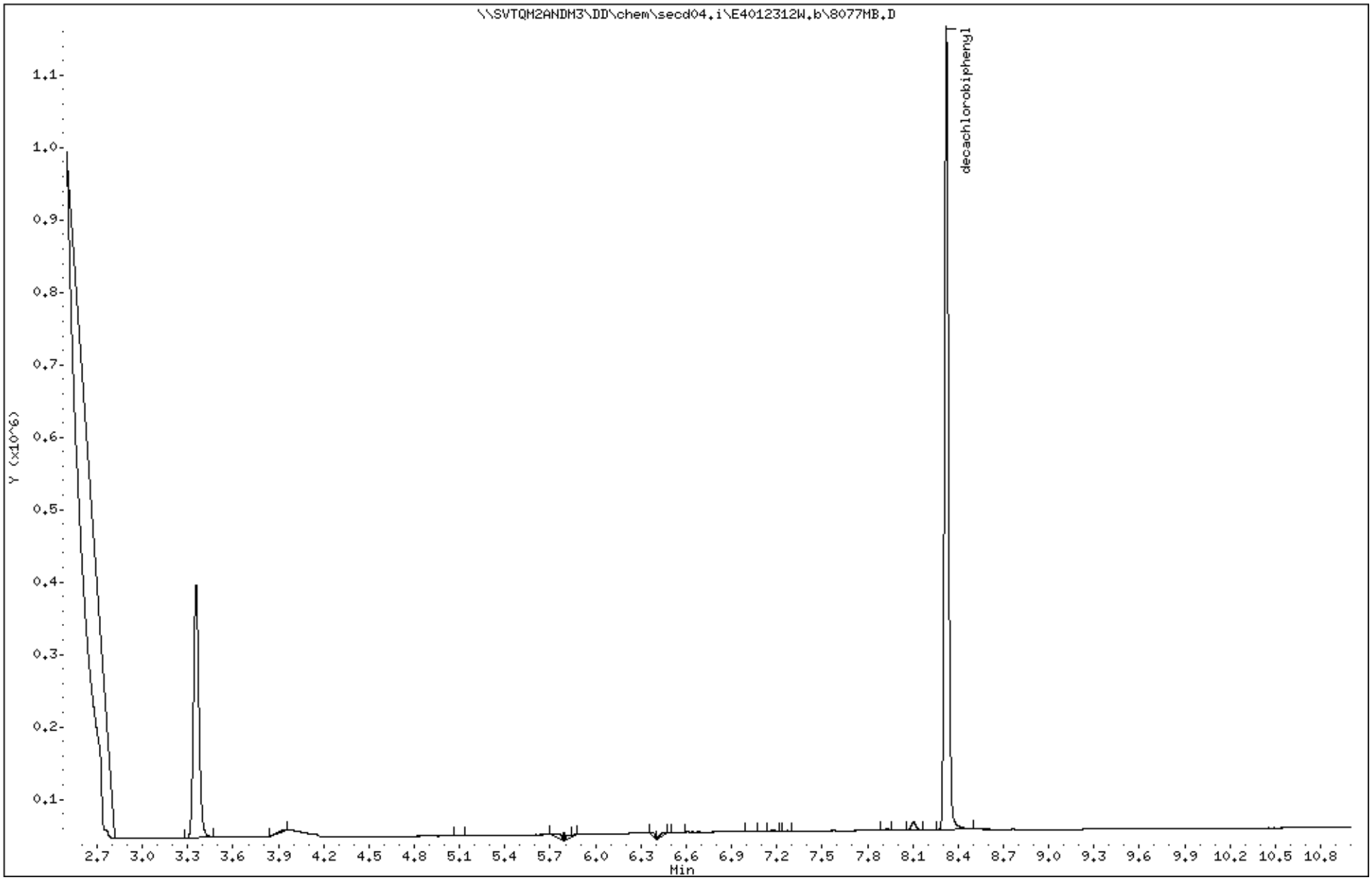
Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\8077MB.D
Lab Smp Id: 114613MB Client Smp ID: 114613MB
Inj Date : 24-JAN-2012 16:14
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a114613mb
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\8082A.m
Meth Date : 25-Jan-2012 12:23 secd04.i Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 39 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pall.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/ml)	(ug/Kg)
$ 45 decachlorobiphenyl	8.322	8.316	0.006	2034139	0.09885	0.99

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\8077MB.D
Date : 24-JAN-2012 16:14
Client ID: 114613MB
Instrument: secd04.i
Sample Info: a114613mb
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: 8077MB.D
Report Date: 07-Feb-2012 15:32

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\E4012312W.b\8077MB.D
Lab Smp Id: 114613MB Client Smp ID: 114613MB
Inj Date : 24-JAN-2012 16:14
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a114613mb
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\8082A.m\8082a.m
Meth Date : 25-Jan-2012 14:02 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 39 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pall.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

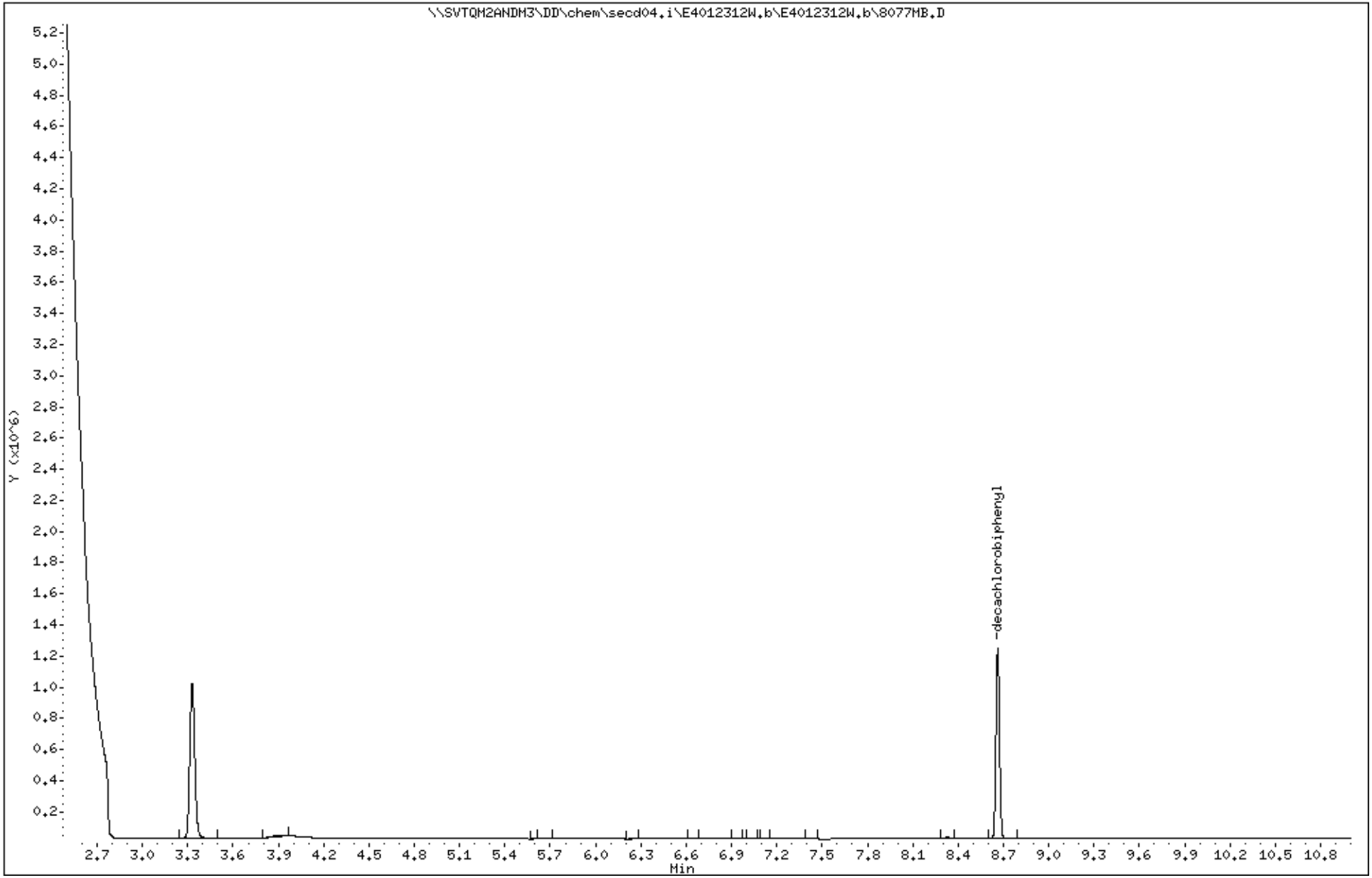
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 45 decachlorobiphenyl	8.662	8.661	0.001	2033527	0.10685	1.1

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\E4012312W.b\8077MB.D
Date : 24-JAN-2012 16:14
Client ID: 114613MB
Sample Info: a114613mb

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\8077LCS.D
Report Date: 07-Feb-2012 15:32

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\8077LCS.D
Lab Smp Id: 114614LCS Client Smp ID: 114614LCS
Inj Date : 24-JAN-2012 16:29
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a114614lcs
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\8082A.m
Meth Date : 25-Jan-2012 12:23 secd04.i Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 40 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	1 1016-1	3.822	3.823	-0.001	149701	0.17970	1.8
	2 1016-2	4.236	4.235	0.001	201204	0.18960	1.9
	3 1016-3	4.713	4.715	-0.002	491695	0.17475	1.7
	4 1016-4	4.838	4.839	-0.001	237405	0.18384	1.8
	5 1016-5	5.273	5.274	-0.001	114551	0.16427	1.6
M	6 PCB 1016 Total				1194556	0.89217	8.9
	7 1260-1	6.328	6.328	0.000	1826956	0.16212	1.6
	8 1260-2	6.603	6.604	-0.001	1316990	0.17368	1.7(M)
	9 1260-3	6.788	6.789	-0.001	1015527	0.16714	1.7(M)
	10 1260-4	7.015	7.016	-0.001	3122956	0.18031	1.8
	11 1260-5	7.801	7.801	0.000	632309	0.17947	1.8
M	12 PCB 1260 Total				7914738	0.86272	8.6
$	45 decachlorobiphenyl	8.317	8.316	0.001	1999031	0.09714	0.97

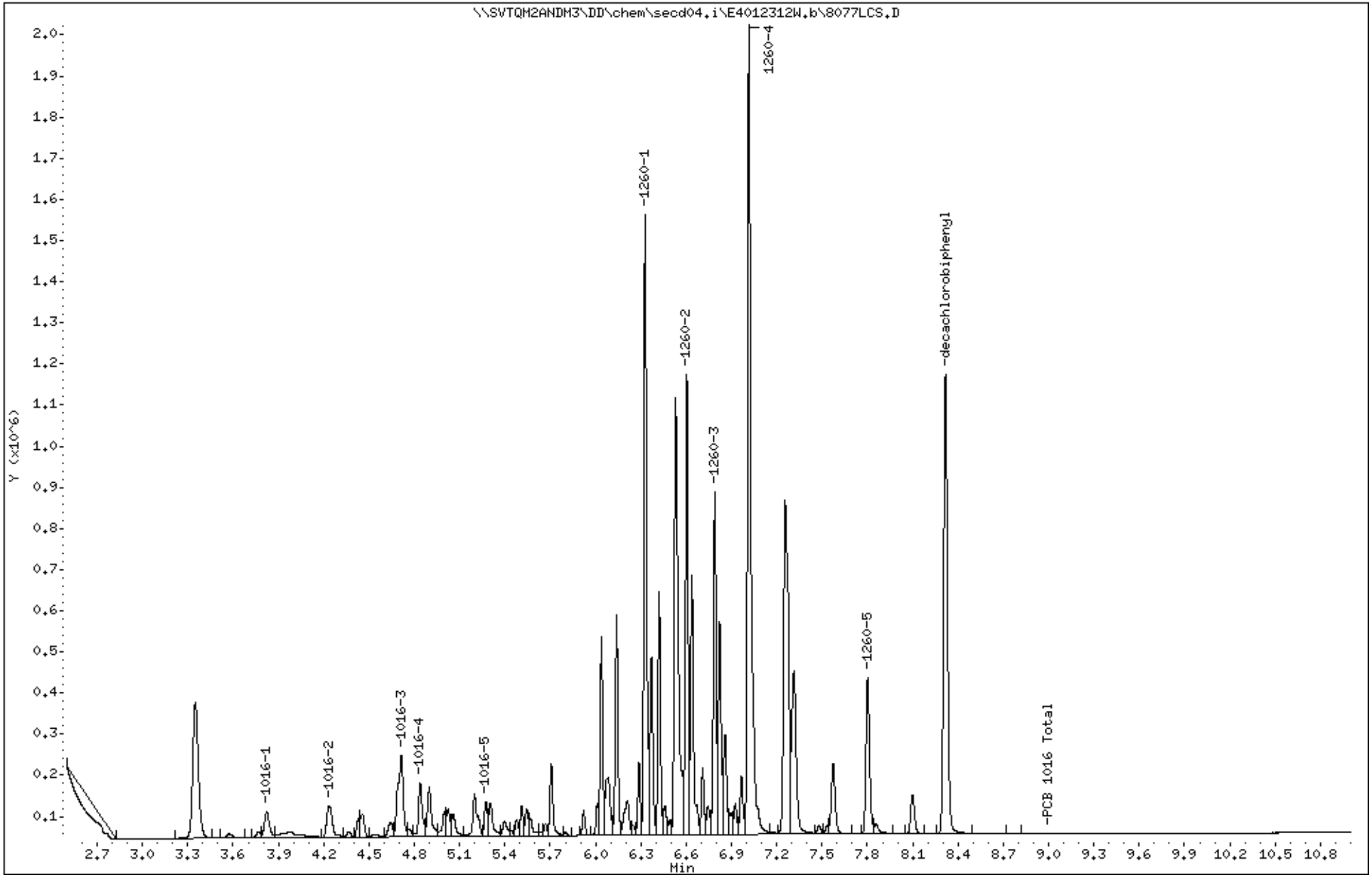
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\8077LCS.D
Date : 24-JAN-2012 16:29
Client ID: 114614LCS
Sample Info: a114614lcs

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: 8077LCS.D
Report Date: 07-Feb-2012 15:32

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\E4012312W.b\8077LCS.D
Lab Smp Id: 114614LCS Client Smp ID: 114614LCS
Inj Date : 24-JAN-2012 16:29
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a114614lcs
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\8082A.m\8082a.m
Meth Date : 25-Jan-2012 14:02 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 40 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	1 1016-1	3.942	3.943	-0.001	409825	0.19382	1.9(M)
	2 1016-2	4.378	4.380	-0.002	678699	0.21612	2.2
	3 1016-3	4.818	4.820	-0.002	1610829	0.21246	2.1(M)
	4 1016-4	4.938	4.940	-0.002	611526	0.20303	2.0
	5 1016-5	5.328	5.330	-0.002	450656	0.19256	1.9
M	6 PCB 1016 Total				3761535	1.01799	10.2
	7 1260-1	6.392	6.393	-0.001	1038249	0.18404	1.8
	8 1260-2	6.704	6.706	-0.002	815657	0.17057	1.7
	9 1260-3	6.928	6.929	-0.001	932191	0.19563	2.0
	10 1260-4	7.107	7.108	-0.001	2231233	0.18258	1.8
	11 1260-5	7.956	7.956	0.000	606891	0.20318	2.0(M)
M	12 PCB 1260 Total				5624221	0.93599	9.4
$	45 decachlorobiphenyl	8.659	8.661	-0.002	2010253	0.10563	1.0

QC Flag Legend

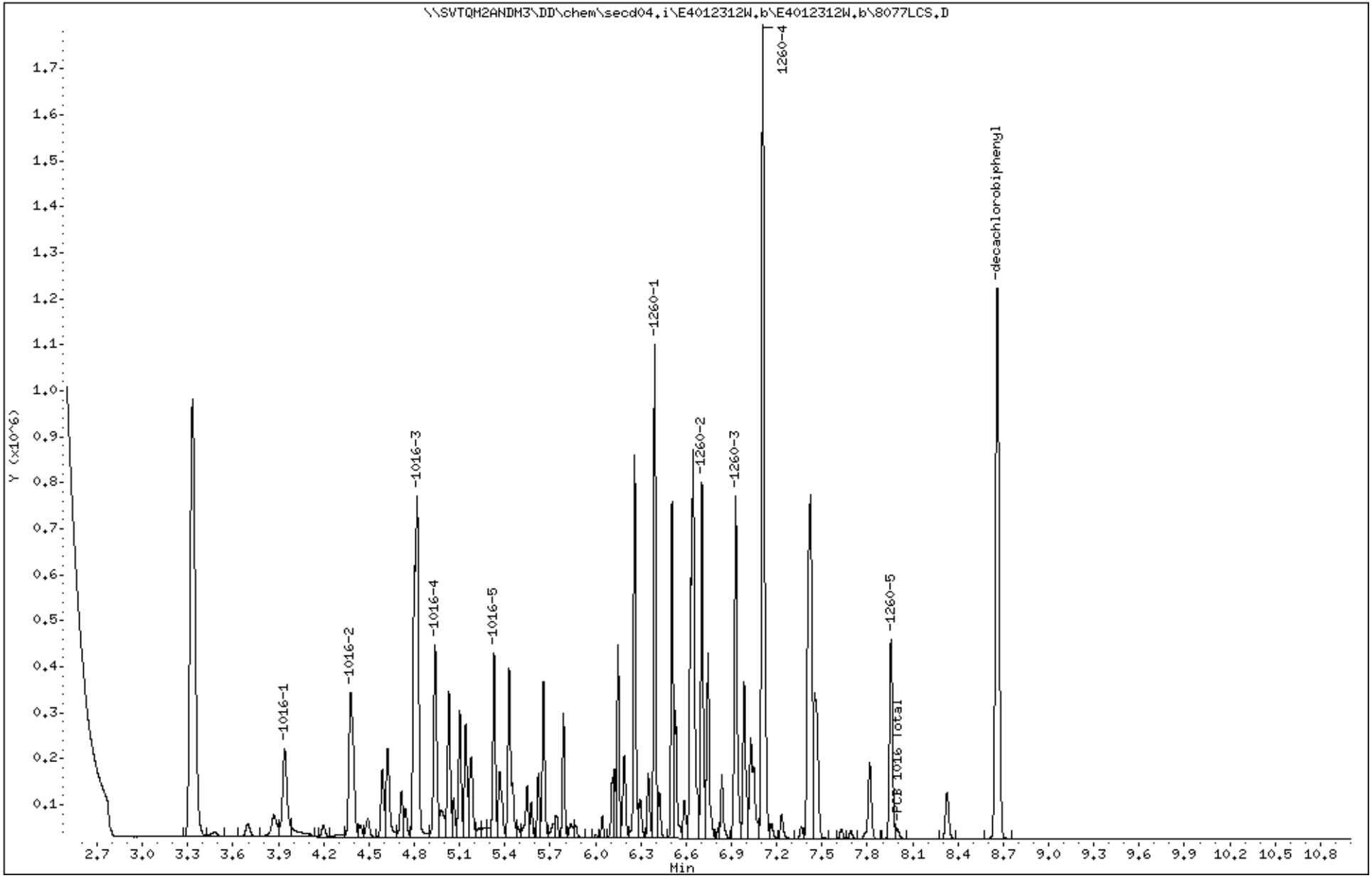
M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\E4012312W.b\8077LCS.D
Date : 24-JAN-2012 16:29
Client ID: 114614LCS
Sample Info: a114614lcs

Column phase: STX-CLP2

Instrument: secd04.i

Operator: PEL Labs
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\8077LCSD.D
Report Date: 07-Feb-2012 15:32

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\8077LCSD.D
Lab Smp Id: 114635LCSD Client Smp ID: 114635LCSD
Inj Date : 24-JAN-2012 16:44
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a114635lcsd
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\8082A.m
Meth Date : 25-Jan-2012 12:23 secd04.i Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 41 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	1 1016-1	3.823	3.823	0.000	150136	0.18022	1.8
	2 1016-2	4.236	4.235	0.001	200004	0.18847	1.9(M)
	3 1016-3	4.714	4.715	-0.001	492756	0.17513	1.8(M)
	4 1016-4	4.839	4.839	0.000	239933	0.18579	1.8(M)
	5 1016-5	5.273	5.274	-0.001	117853	0.16901	1.7(M)
M	6 PCB 1016 Total				1200682	0.89863	9.0
	7 1260-1	6.328	6.328	0.000	1817669	0.16130	1.6(M)
	8 1260-2	6.604	6.604	0.000	1326954	0.17499	1.7(M)
	9 1260-3	6.789	6.789	0.000	1021400	0.16811	1.7(M)
	10 1260-4	7.015	7.016	-0.001	3112783	0.17973	1.8(M)
	11 1260-5	7.801	7.801	0.000	630557	0.17897	1.8
M	12 PCB 1260 Total				7909363	0.86310	8.6
$	45 decachlorobiphenyl	8.317	8.316	0.001	1990065	0.09671	0.97

QC Flag Legend

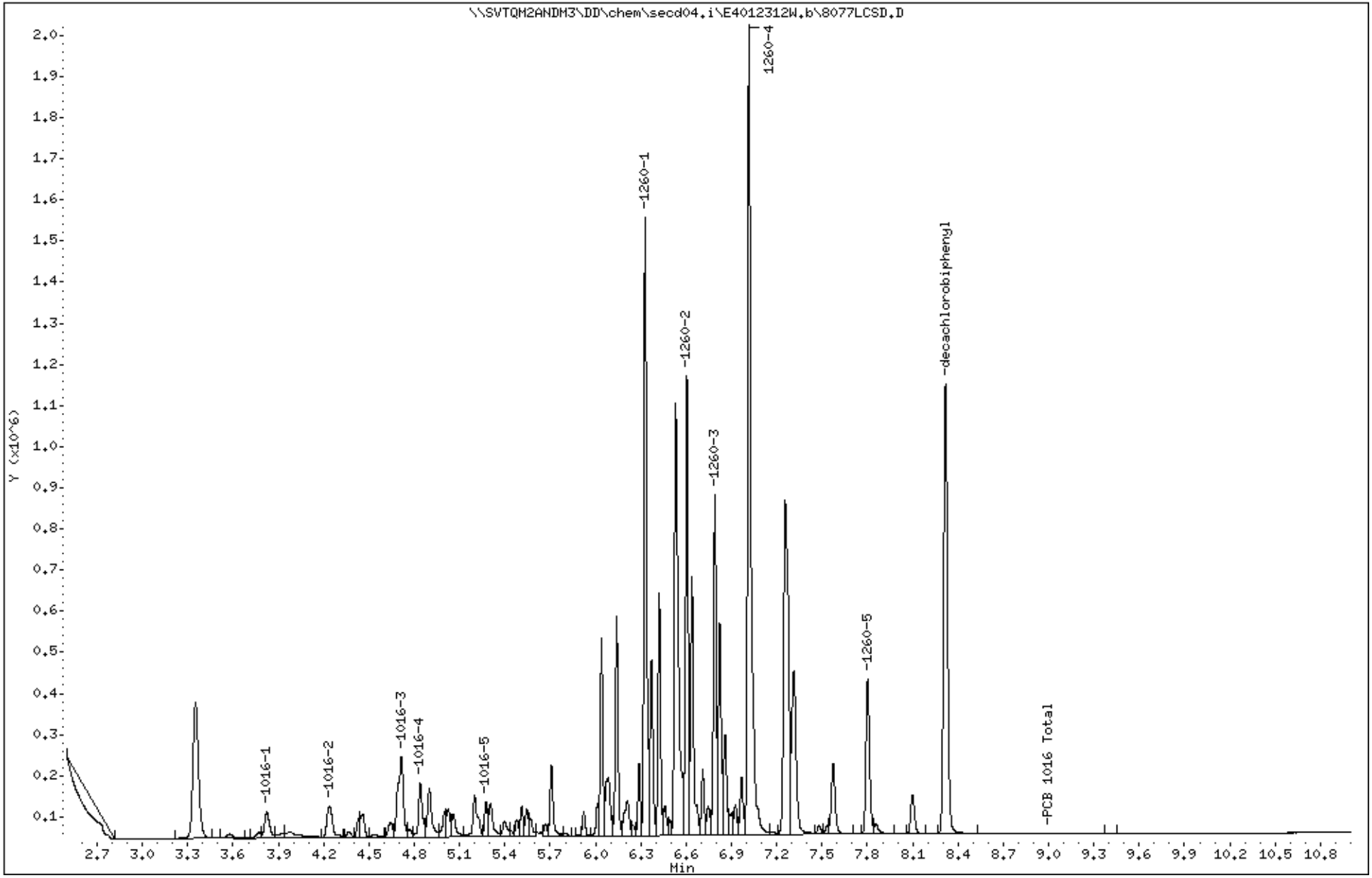
M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\8077LCSD.D
Date : 24-JAN-2012 16:44
Client ID: 114635LCSD
Sample Info: a114635lcsd

Instrument: secd04.i

Operator: PEL Labs
Column diameter: 0.32

Column phase: STX-CLP1



3505044

Data File: 8077LCSD.D
Report Date: 07-Feb-2012 15:32

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\E4012312W.b\8077LCSD.D
Lab Smp Id: 114635LCSD Client Smp ID: 114635LCSD
Inj Date : 24-JAN-2012 16:44
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a114635lcsd
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\8082A.m\8082a.m
Meth Date : 25-Jan-2012 14:02 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 41 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
1	1016-1	3.943	3.943	0.000	403426	0.19079	1.9(M)
2	1016-2	4.379	4.380	-0.001	668407	0.21285	2.1
3	1016-3	4.819	4.820	-0.001	1583144	0.20881	2.1(M)
4	1016-4	4.938	4.940	-0.002	619563	0.20569	2.0
5	1016-5	5.329	5.330	-0.001	451722	0.19302	1.9
M 6	PCB 1016 Total				3726262	1.01116	10.1
7	1260-1	6.393	6.393	0.000	1037702	0.18395	1.8
8	1260-2	6.704	6.706	-0.002	812768	0.16996	1.7(M)
9	1260-3	6.928	6.929	-0.001	924832	0.19408	1.9(M)
10	1260-4	7.108	7.108	0.000	2216729	0.18139	1.8
11	1260-5	7.956	7.956	0.000	602651	0.20176	2.0(M)
M 12	PCB 1260 Total				5594682	0.93114	9.3
$ 45	decachlorobiphenyl	8.660	8.661	-0.001	1985864	0.10435	1.0

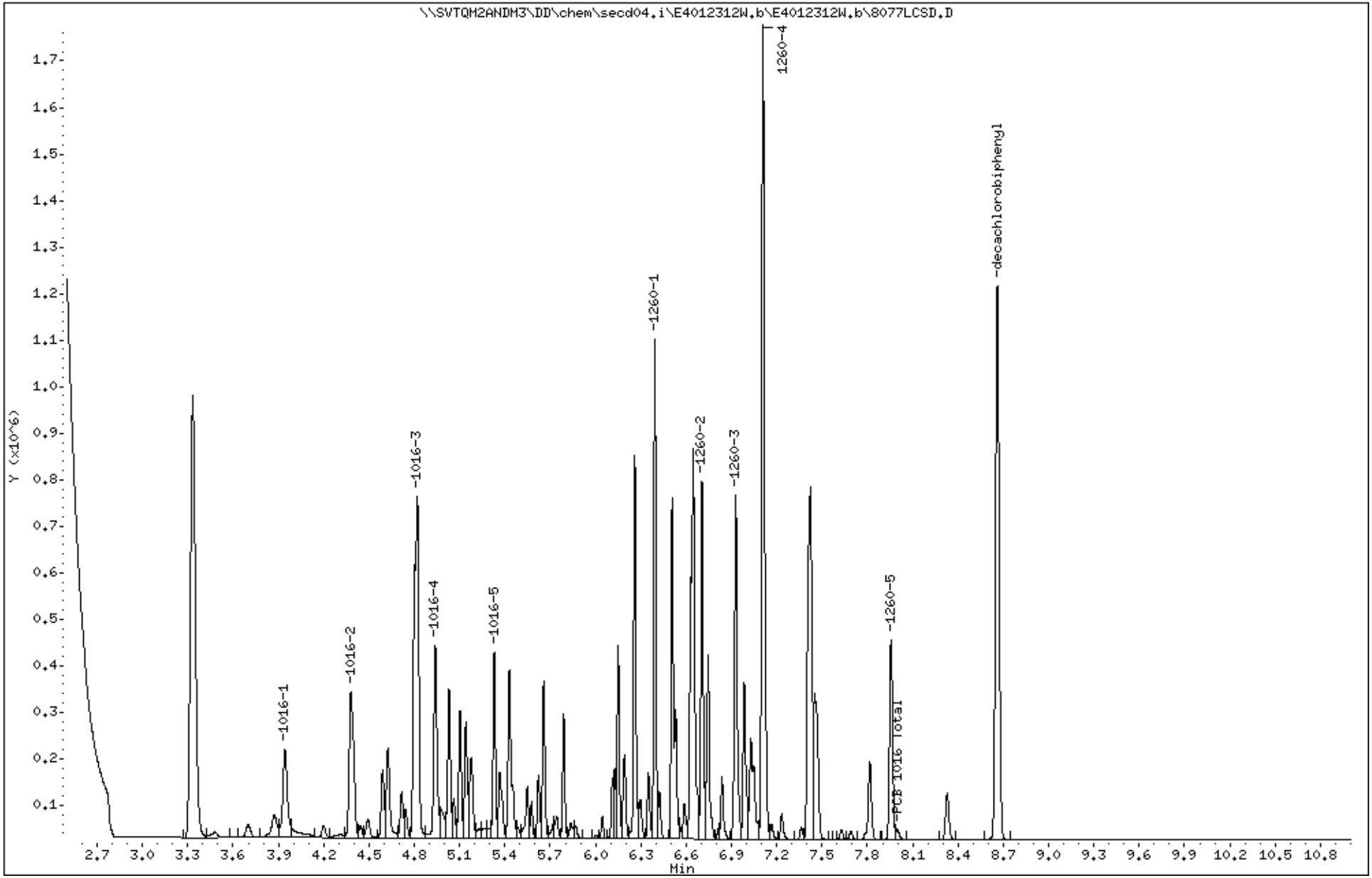
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\E4012312W.b\8077LCSD.D
Date : 24-JAN-2012 16:44
Client ID: 114635LCSD
Sample Info: a114635lcsd

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\504401.D
Report Date: 07-Feb-2012 15:32

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METHOD 8082

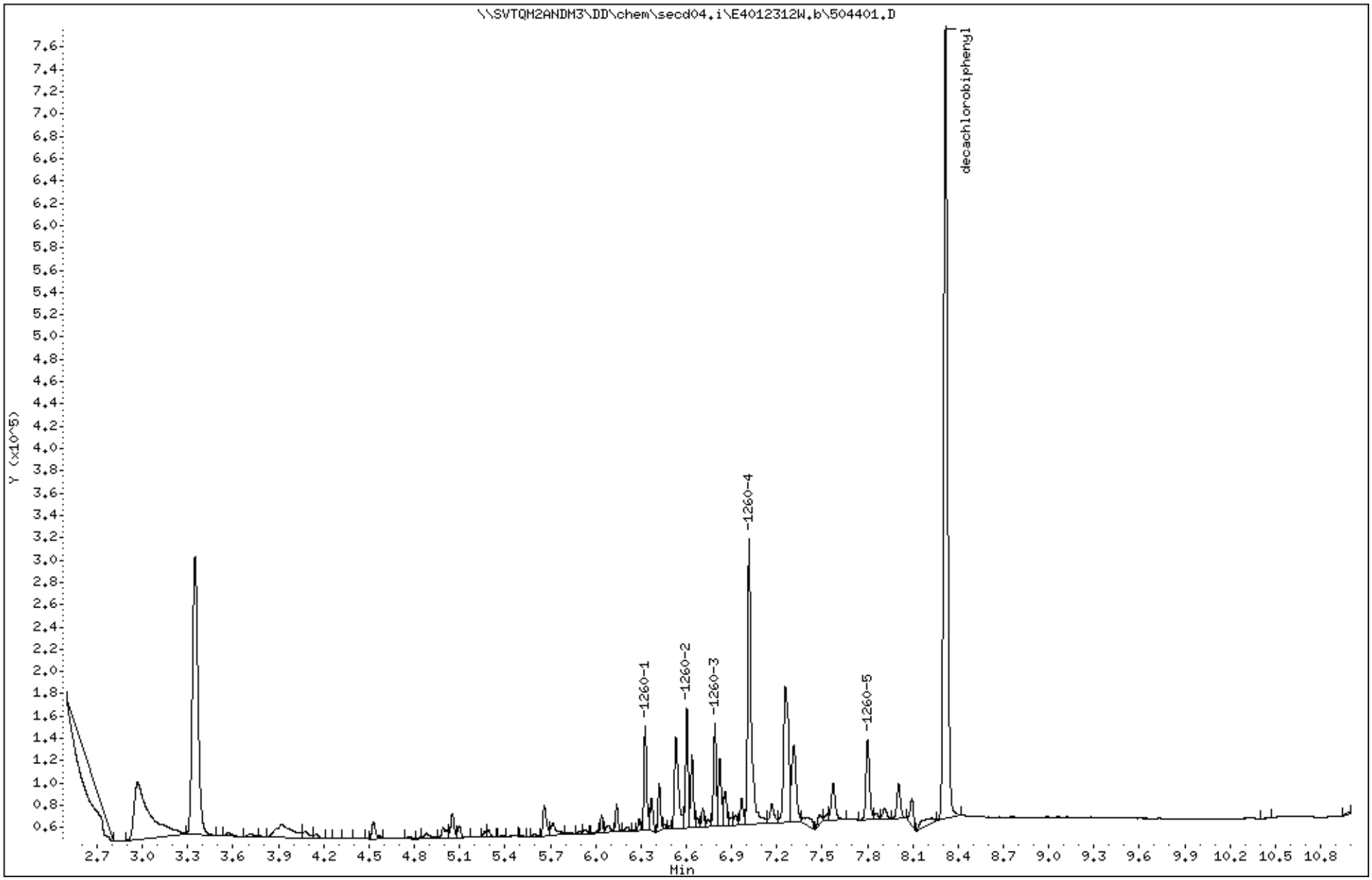
Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\504401.D
Lab Smp Id: 350504401 Client Smp ID: JM22-QCWIPE2-012312
Inj Date : 24-JAN-2012 16:59
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a350504401
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\8082A.m
Meth Date : 25-Jan-2012 12:23 secd04.i Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 42
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pall.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
7	1260-1	6.328	6.328	0.000	113229	0.01005	0.10
8	1260-2	6.604	6.604	0.000	129419	0.01707	0.17
9	1260-3	6.789	6.789	0.000	114277	0.01881	0.19
10	1260-4	7.016	7.016	0.000	427027	0.02466	0.25
11	1260-5	7.801	7.801	0.000	121404	0.03446	0.34
M 12	PCB 1260 Total				905356	0.10504	1.0
$ 45	decachlorobiphenyl	8.316	8.316	0.000	1273065	0.06186	0.62

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\504401.D
Date : 24-JAN-2012 16:59
Client ID: JM22-QCWIPE2-012312
Instrument: secd04.i
Sample Info: a350504401
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: 504401.D
Report Date: 07-Feb-2012 15:32

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\E4012312W.b\504401.D
Lab Smp Id: 350504401 Client Smp ID: JM22-QCWIPE2-012312
Inj Date : 24-JAN-2012 16:59
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a350504401
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\8082A.m\8082a.m
Meth Date : 25-Jan-2012 14:02 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 42
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pall.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

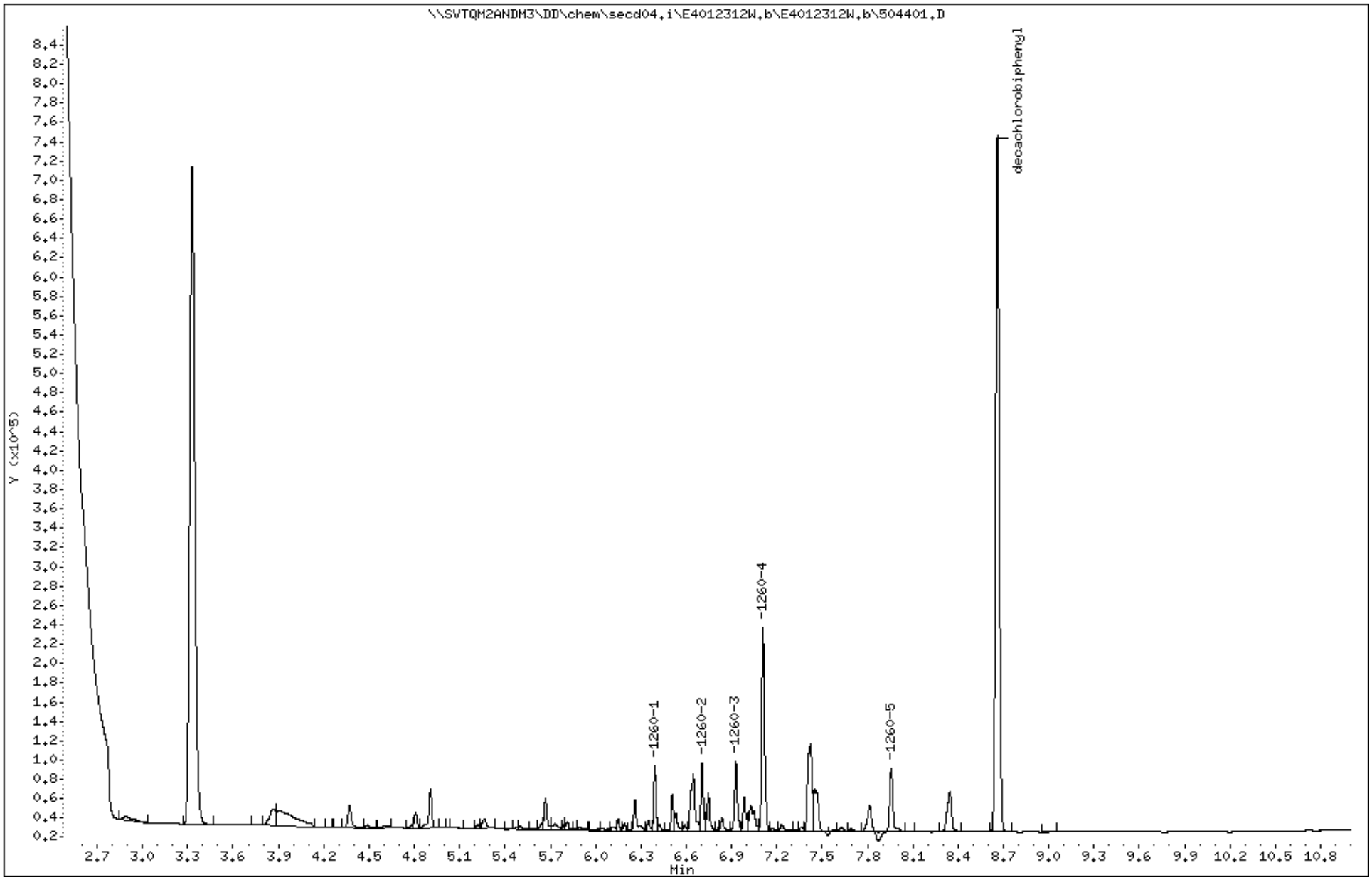
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
7	1260-1	6.392	6.393	-0.001	68710	0.01218	0.12(M)
8	1260-2	6.705	6.706	-0.001	78701	0.01646	0.16(M)
9	1260-3	6.928	6.929	-0.001	92716	0.01946	0.19(M)
10	1260-4	7.108	7.108	0.000	263084	0.02153	0.22(M)
11	1260-5	7.956	7.956	0.000	79865	0.02674	0.27(M)
M 12	PCB 1260 Total				583076	0.09636	0.96
$ 45	decachlorobiphenyl	8.661	8.661	0.000	1178294	0.06191	0.62

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\E4012312W.b\504401.D
Date : 24-JAN-2012 16:59
Client ID: JM22-QCWIPE2-012312
Instrument: secd04.i
Sample Info: a350504401
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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3505044

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\ACCV5.D
Report Date: 07-Feb-2012 15:32

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\ACCV5.D
Lab Smp Id: 44593 Client Smp ID: ACCV5
Inj Date : 24-JAN-2012 17:29
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44593
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\8082A.m
Meth Date : 25-Jan-2012 12:23 secd04.i Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 44 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	1 1016-1	3.823	3.823	0.000	89533	0.10000	0.11(M)
	2 1016-2	4.235	4.235	0.000	115946	0.10000	0.11(M)
	3 1016-3	4.715	4.715	0.000	281257	0.10000	0.100(M)
	4 1016-4	4.839	4.839	0.000	136357	0.10000	0.10(M)
	5 1016-5	5.274	5.274	0.000	63085	0.10000	0.090(M)
M	6 PCB 1016 Total				686178	0.50000	0.51
	7 1260-1	6.328	6.328	0.000	907805	0.10000	0.080
	8 1260-2	6.604	6.604	0.000	661742	0.10000	0.087
	9 1260-3	6.789	6.789	0.000	515931	0.10000	0.085
	10 1260-4	7.016	7.016	0.000	1582157	0.10000	0.091
	11 1260-5	7.801	7.801	0.000	314413	0.10000	0.089
M	12 PCB 1260 Total				3982048	0.50000	0.43
$	45 decachlorobiphenyl	8.316	8.316	0.000	956436	0.05000	0.046

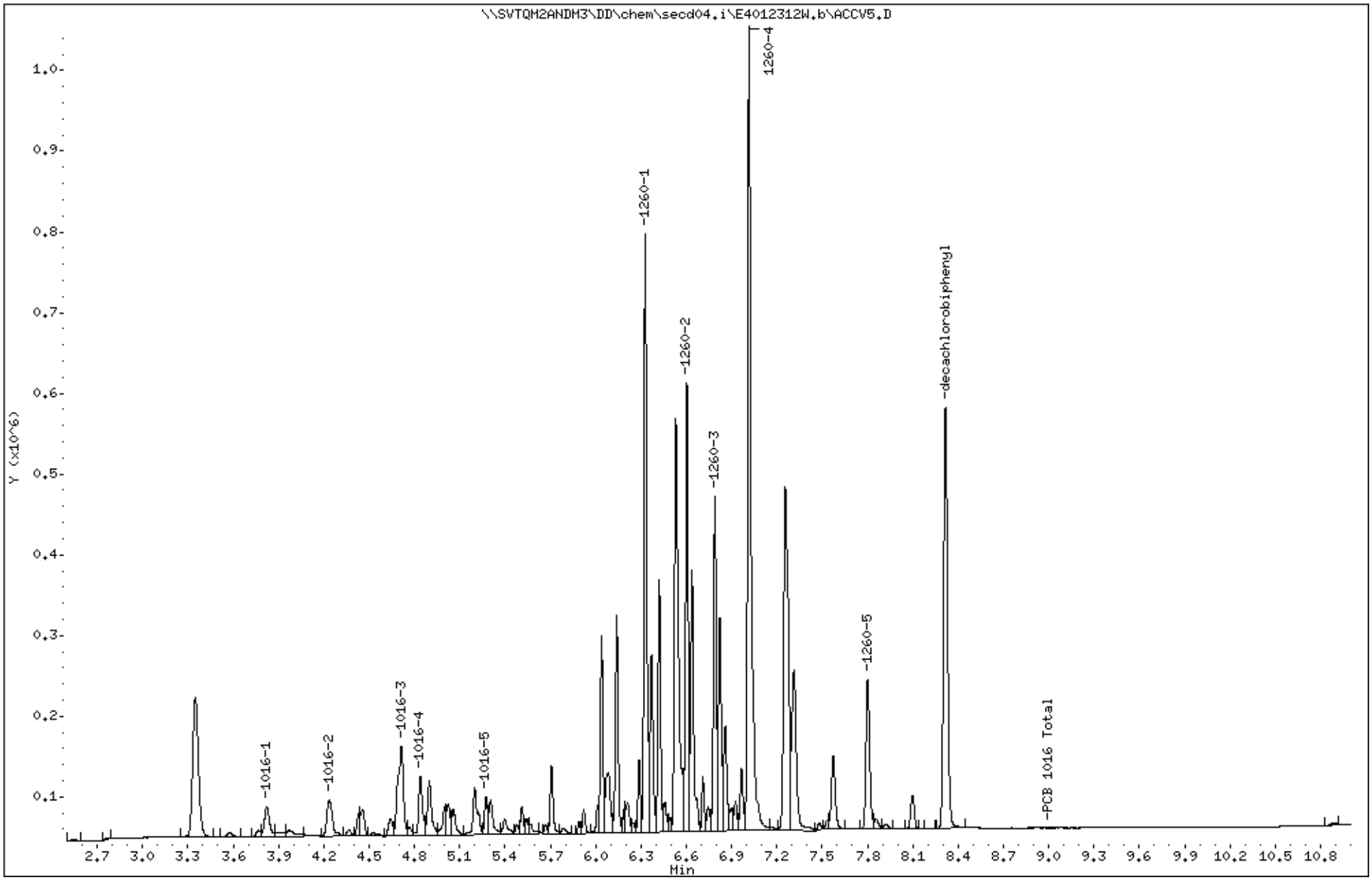
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\ACCV5.D
Date : 24-JAN-2012 17:29
Client ID: ACCV5
Sample Info: 44593

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: ACCV5.D
Report Date: 07-Feb-2012 15:32

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\E4012312W.b\ACCV5.D
Lab Smp Id: 44593 Client Smp ID: ACCV5
Inj Date : 24-JAN-2012 17:29
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44593
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\8082A.m\8082a.m
Meth Date : 25-Jan-2012 14:02 rortiz Quant Type: ESTD
Cal Date : 28-DEC-2011 19:24 Cal File: ACAL1.D
Als bottle: 44 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.943	3.943	0.000	233277	0.10000	0.11(M)
	2 1016-2	4.380	4.380	0.000	377776	0.10000	0.12(M)
	3 1016-3	4.820	4.820	0.000	854853	0.10000	0.11(M)
	4 1016-4	4.940	4.940	0.000	338412	0.10000	0.11(M)
	5 1016-5	5.330	5.330	0.000	239825	0.10000	0.10(M)
M	6 PCB 1016 Total				2044143	0.50000	0.56
	7 1260-1	6.393	6.393	0.000	509053	0.10000	0.090(M)
	8 1260-2	6.706	6.706	0.000	408056	0.10000	0.085(M)
	9 1260-3	6.929	6.929	0.000	450797	0.10000	0.095(M)
	10 1260-4	7.108	7.108	0.000	1117035	0.10000	0.091(M)
	11 1260-5	7.956	7.956	0.000	281669	0.10000	0.094(M)
M	12 PCB 1260 Total				2766610	0.50000	0.46
$	45 decachlorobiphenyl	8.661	8.661	0.000	945602	0.05000	0.050

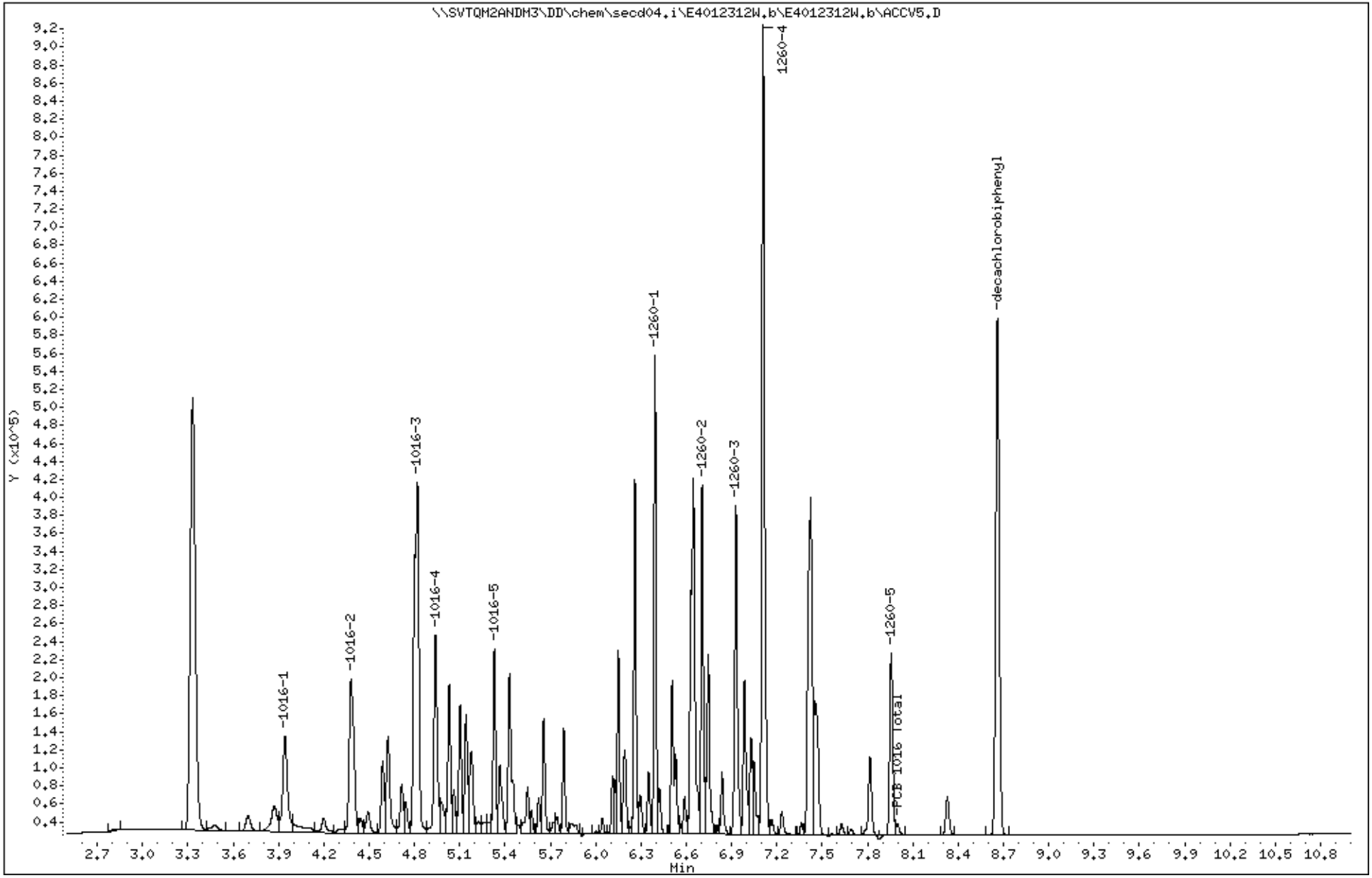
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4012312W.b\E4012312W.b\ACCV5.D
Date : 24-JAN-2012 17:29
Client ID: ACCV5
Sample Info: 44593

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



End Of Report

070212 1717

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY
Florida Division

TEST REPORT

Florida	# E84207	California	# 07253CA
Texas	# T104704408-11-3	Louisiana	# 02025
South Carolina	# 96011001	Kansas	# E-10385
North Dakota	# R-178	Arkansas	#11-036-1

LABORATORY ACCREDITATION BUREAU ACCREDITED
Certificate # L2259 Testing

Customer Name:	CH2M Hill
Date and Time Received:	2/10/2012 10:20:00 AM
Date Reported:	2/15/2012
Laboratory Submission Number/SDG:	3505176
Project:	NAS Key West / Parcel K JM 22 / 395479

The submission consisted of 1sample(s) with sample identification shown in the attached data tables.

The samples were analyzed for the methods listed on the attached table of contents. See the attached data tables for results.

Distribution of Report to:

CH2M Hill
Attn: Kama White
WorkPhone:

Respectfully Submitted,

Brian Spann
Laboratory Director
Spectrum Analytical, Inc. FL Division

Soil samples are reported on dry weight basis, unless otherwise noted.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. Spectrum Analytical, Inc. letters and reports are for the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials. This report shall not be reproduced except in full without written approval from Spectrum Analytical, Inc.

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EXECUTIVE SUMMARY - Detection Highlights

3505176

SAMPLE ID: JM22-QCWIPE3-020912DL1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aroclor-1260	50.0	5.0	UG/WIPE	SW8082

150212 1502

Organics

150212 1502

Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

150212 1502

Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

150212 1502

Method 8082 PCB Organics

150212 1502

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

Spectrum Analytical Inc. Lab Reference No./SDG: 3505176

Client: CH2M Hill

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis

IV. PREPARATION

: ISHsamples were prepared by SW846 EPA 3580 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

Please note the closing CCV1052566 was above criteria at 21.9% and 21.1% for two peaks used to quantify Aroclor-1260 on column STX-CLP2, however the total for this Aroclor passed criteria at 18.5%, meeting QC requirements.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

Spectrum Analytical Inc. Lab Reference No./SDG: 3505176

Client: CH2M Hill

E. Internal Standards:

This method does not require the use of internal standards.

F. Samples:

Data was collected using dual column analysis. Results reported from the primary column if the %D between the two columns is >40%, data is coded.

Sample analysis proceeded normally.
Sample JM22-QCWIPE3-020912 required a 5X dilution due to high concentration of the following analyte: Aroclor-1260. Both full and diluted runs are reported.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Spectrum Analytical Inc., both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE:**
02/13/2012

CASE NARRATIVE

Spectrum Analytical Inc. Lab Reference No./SDG: 3505176

Client: CH2M Hill

MANUAL INTEGRATION SUMMARY

The following analytes were manually integrated by the chemist.

Calibration Sample: CCV1052563 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052563 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052563 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052563 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052563 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052563 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052563 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052563 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052563 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052564 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052564 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052564 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052564 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052564 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052564 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052564 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052564 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052564 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052565 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505176

Client: CH2M Hill

Calibration Sample: CCV1052565 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052565 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052565 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052565 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052565 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052566 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052566 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052566 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052566 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052566 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052566 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052566 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052566 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052566 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1052566 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1050560 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1050560 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1050560 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1050560 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1050560 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1052567 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505176

Client: CH2M Hill

Calibration Sample: SSC1052567 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050546 Analyte: 1254-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050546 Analyte: 1254-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050546 Analyte: 1254-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050546 Analyte: 1254-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050546 Analyte: 1254-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050547 Analyte: 1232-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050547 Analyte: 1232-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050548 Analyte: 1242-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050548 Analyte: 1242-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050548 Analyte: 1242-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050548 Analyte: 1242-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050549 Analyte: 1248-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050549 Analyte: 1248-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050549 Analyte: 1248-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050549 Analyte: 1248-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050549 Analyte: 1248-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050550 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050550 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050550 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050550 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505176

Client: CH2M Hill

Calibration Sample: STD1050550 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050550 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050550 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050550 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050551 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050551 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050551 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050551 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050551 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050551 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050551 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050551 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050551 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050551 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050552 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050552 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050552 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050552 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050552 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050553 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050553 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505176

Client: CH2M Hill

Calibration Sample: STD1050553 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050553 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050553 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050553 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050553 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050553 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050553 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050555 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050555 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050555 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050555 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050555 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050555 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050555 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050555 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050555 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052553 Analyte: 1254-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052553 Analyte: 1254-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052553 Analyte: 1254-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052553 Analyte: 1254-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052553 Analyte: 1254-5
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505176

Client: CH2M Hill

Calibration Sample: STD1052554 Analyte: 1232-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052555 Analyte: 1242-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052555 Analyte: 1242-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052555 Analyte: 1242-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052555 Analyte: 1242-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052556 Analyte: 1248-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052556 Analyte: 1248-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052556 Analyte: 1248-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052556 Analyte: 1248-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052556 Analyte: 1248-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052557 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052557 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052557 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052557 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052557 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052557 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052557 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052557 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052557 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052557 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052558 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505176

Client: CH2M Hill

Calibration Sample: STD1052558 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052558 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052558 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052558 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052558 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052558 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052558 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052558 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052558 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052559 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052559 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052559 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052559 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052559 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052560 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052560 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052560 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052560 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052560 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052561 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052561 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak

CASE NARRATIVE

Spectrum Analytical Inc. Lab Reference No./SDG: 3505176

Client: CH2M Hill

Calibration Sample: STD1052562 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak

These manual integrations have been reviewed and meet all criteria in accordance with Spectrum Analytical Inc.'s SOP regarding manual integration.

CHEMIST: **DATE: 02/10/2012**

Signature:
Name: Brian C. Spann **Title:** Lab Director

SECTION LEADER:
DATE: 02/13/2012

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 3

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

Method: 8082

EPA Sample No	Lab Sample ID
JM22-QCWIPE3-020912	350517601
JM22-QCWIPE3-020912DL1	350517601DL1

150212 1502

8082 Sample Data

150212 1502

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-QCWIPE3-020912

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 2

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

Matrix: WIPE Lab Sample ID: 350517601 Lab File ID 17601.D

Sample wt/vol: 1 Units: G Date Received: 02/10/12

Concentrated Extract Volume: 10 Date Extracted: 02/10/12

Level:(low/med) LOW Date Analyzed: 02/10/12 Time: 1404

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/WIPE

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.99	U	0.43	0.99
11096-82-5	Aroclor-1260	55	E	0.23	0.99
11104-28-2	Aroclor-1221	0.99	U	0.4	0.99
11141-16-5	Aroclor-1232	0.99	U	0.66	0.99
53469-21-9	Aroclor-1242	0.99	U	0.36	0.99
12672-29-6	Aroclor-1248	0.99	U	0.36	0.99
11097-69-1	Aroclor-1254	0.99	U	0.31	0.99

Results reported on Primary Column, if RPD >40% results flagged accordingly.

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: JM22-QCWIPE3-020912DL1

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 2

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

Matrix: WIPE Lab Sample ID: 350517601DL1 Lab File ID 17601D5.D

Sample wt/vol: 1 Units: G Date Received: 02/10/12

Concentrated Extract Volume: 10 Date Extracted: 02/10/12

Level:(low/med) LOW Date Analyzed: 02/10/12 Time: 1425

PercentSolids: 100 decanted : Dilution Factor: 5

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/WIPE

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	5	U	2.1	5
11096-82-5	Aroclor-1260	50		1.2	5
11104-28-2	Aroclor-1221	5	U	2	5
11141-16-5	Aroclor-1232	5	U	3.3	5
53469-21-9	Aroclor-1242	5	U	1.8	5
12672-29-6	Aroclor-1248	5	U	1.8	5
11097-69-1	Aroclor-1254	5	U	1.6	5

Results reported on Primary Column, if RPD >40% results flagged accordingly.

8082 QC Summary

150212 1502

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 116346MB

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 /

Lab Code : PEL Case No.: SAS No: SDG No.: 3505176

Matrix: WIPE Lab Sample ID: 116346MB Lab File ID: 8240MB.D

Sample wt/vol: 1 Units: G Date Received: 02/10/12

Concentrated Extract Volume: 10 Date Extracted: 02/10/12

Level:(low/med) LOW Date Analyzed: 02/10/12 Time: 1256

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/WIPE

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.99	U	0.43	0.99
11096-82-5	Aroclor-1260	0.99	U	0.23	0.99
11104-28-2	Aroclor-1221	0.99	U	0.4	0.99
11141-16-5	Aroclor-1232	0.99	U	0.66	0.99
53469-21-9	Aroclor-1242	0.99	U	0.36	0.99
12672-29-6	Aroclor-1248	0.99	U	0.36	0.99
11097-69-1	Aroclor-1254	0.99	U	0.31	0.99

Results reported on Primary Column, if RPD >40% results flagged accordingly.

4

PCB ORGANIC METHOD BLANK SUMMARY

EPA Sample No.: 116346MB

Lab Name: Spectrum Analytical, Inc Contract: NAS Key West / Parcel K JM 22 / 39

Lab Code : PEL Case No.: SAS No: SDG No.: 3505176

Lab File ID: 8240MB.D Lab Sample ID: 116346MB

Instrument ID: SECD04 Date Extracted: 02/10/12

Matrix: SOIL Date Analyzed: 02/10/12

Level:(low/med) LOW Time Analyzed: 1256

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	116347LCS	116347LCS	8240LCS.D	02/10/12	1311
2	116348LCSD	116348LCSD	8240LCSD.D	02/10/12	1327
3	JM22-QCWIPE3-020912	350517601	17601.D	02/10/12	1404
4	JM22-QCWIPE3-020912DL1	350517601DL1	17601D5.D	02/10/12	1425

COMMENTS:

2A

SOIL PCB ORGANIC SURROGATE RECOVERY

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM

Lab Code : PEL Case No. _____ SAS No: _____ SDG NO.: 3505176

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

EPA Sample NO.	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	TOT OUT
116346MB	130.0						0
116347LCS	110.0						0
116348LCSD	120.0						0
JM22-QCWIPE3-020912	78.0						0
JM22-QCWIPE3-020912DL1	82.0						0

Control Limits

S1 = Decachlorobiphenyl 33 - 140

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

Control limit source: (lab/method) METHOD

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Form II

150212 1502

8

PCB ORGANIC ANALYTICAL SEQUENCE

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505176

GC Column: STX-CLP1 ID: 0.32 (mm) Init. Calib. Date: 01/30/12

Instrument ID: SECD04

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MIDCAL SURROGATE RT FROM INITIAL CALIBRATION
S1 : S2 :

	CLIENT SAMPLE NO	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	S1 RT	#	S2 RT	#
1	STD1050547	44134	32CAL3.D	01/30/12	1213				
2	STD1050548	44821	42CAL3.D	01/30/12	1228				
3	STD1050549	44340	48CAL3.D	01/30/12	1243				
4	STD1050546	44135	2154CAL3.D	01/30/12	1258				
5	STD1050555	44123	ACAL6.D	01/30/12	1313	8.31			
6	STD1050554	44124	ACAL5.D	01/30/12	1328	8.31			
7	STD1050553	44125	ACAL4.D	01/30/12	1344	8.31			
8	STD1050552	44593	ACAL3.D	01/30/12	1359	8.31			
9	STD1050551	44127	ACAL2.D	01/30/12	1414	8.31			
10	STD1050550	44128	ACAL1.D	01/30/12	1429	8.31			
11	SSC1050560	43164	ASEC.D	01/30/12	1444	8.31			
12	CCV1052563	44593	ACCV1.D	02/10/12	1130	8.31			
13	116346MB	116346MB	8240MB.D	02/10/12	1256	8.34			
14	116347LCS	116347LCS	8240LCS.D	02/10/12	1311	8.32			
15	116348LCSD	116348LCSD	8240LCSD.D	02/10/12	1327	8.32			
16	JM22-QCWIPE3-020912	350517601	17601.D	02/10/12	1404	8.33			
17	JM22-QCWIPE3-020912DL1	350517601DL1	17601D5.D	02/10/12	1425	8.32			
18	CCV1052565	44593	ACCV2.D	02/10/12	1455	8.32			

QC LIMITS

S1 = Decachlorobiphenyl (+/- 0.2 MINUTES)

Column used to flag retention time values with an asterisk.

* Values outside of QC limits

150212 1502 FORM VIII

8

PCB ORGANIC ANALYTICAL SEQUENCE

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505176

GC Column: STX-CLP2 ID: 0.32 (mm) Init. Calib. Date: 01/30/12

Instrument ID: SECD04

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MIDCAL SURROGATE RT FROM INITIAL CALIBRATION
S1 : S2 :

	CLIENT SAMPLE NO	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
1	STD1052554	44134	32CAL3.D	01/30/12	1213		
2	STD1052555	44821	42CAL3.D	01/30/12	1228		
3	STD1052556	44340	48CAL3.D	01/30/12	1243		
4	STD1052553	44135	2154CAL3.D	01/30/12	1258		
5	STD1052562	44123	ACAL6.D	01/30/12	1313	8.66	
6	STD1052561	44124	ACAL5.D	01/30/12	1328	8.66	
7	STD1052560	44125	ACAL4.D	01/30/12	1344	8.66	
8	STD1052559	44593	ACAL3.D	01/30/12	1359	8.66	
9	STD1052558	44127	ACAL2.D	01/30/12	1414	8.66	
10	STD1052557	44128	ACAL1.D	01/30/12	1429	8.66	
11	SSC1052567	43164	ASEC.D	01/30/12	1444	8.66	
12	CCV1052564	44593	ACCV1.D	02/10/12	1130	8.66	
13	116346MB	116346MB	8240MB.D	02/10/12	1256	8.67	
14	116347LCS	116347LCS	8240LCS.D	02/10/12	1311	8.66	
15	116348LCSD	116348LCSD	8240LCSD.D	02/10/12	1327	8.66	
16	JM22-QCWIPE3-020912	350517601	17601.D	02/10/12	1404	8.67	
17	JM22-QCWIPE3-020912D	350517601DL1	17601D5.D	02/10/12	1425	8.66	
18	CCV1052566	44593	ACCV2.D	02/10/12	1455	8.66	

QC LIMITS

S1 = Decachlorobiphenyl (+/- 0.2 MINUTES)

Column used to flag retention time values with an asterisk.

* Values outside of QC limits

Page 1 of 1

150212 1502 FORM VIII

10

PCB ORGANIC DUAL COLUMN CONFIRMATION CHECK

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 39 | 116346MB

Lab Code : PEL Case No.: SAS No: SDG No.: 3505176

Lab Sample ID: 116346MB Date(s) Analyzed: 02/10/12 02/10/12

Instrumet ID (1): SECD04 Instrumet ID (2): SECD04

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

COMPOUND		COL	RT	EXP RT	DIFF	AREA	AMOUNT	CONC	%D
Decachlorobiphenyl	*	1	8.336	8.316	0.020	2677385	0.13	1.3	
		2	8.673	8.660	0.013	2662500	0.13	1.3	0.00

* Column used for quantitation

10

PCB ORGANIC DUAL COLUMN CONFIRMATION CHECK

EPA Sample No.

116347LCS

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 39

Lab Code : PEL Case No.: SAS No: SDG No.: 3505176

Lab Sample ID: 116347LCS Date(s) Analyzed: 02/10/12 02/10/12

Instrumet ID (1): SECD04 Instrumet ID (2): SECD04

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

COMPOUND		COL	RT	EXP RT	DIFF	AREA	AMOUNT	CONC	%D
Aroclor-1016	*	1	9.000	9.000	0.000	1068269	0.82	8.2	
		2	8.000	8.000	0.000	3363771	0.91	9.1	10.40
Aroclor-1260	*	1	17.000	17.000	0.000	7523548	0.90	9	
		2	17.000	17.000	0.000	6019972	0.94	9.4	4.35
Decachlorobiphenyl	*	1	8.316	8.316	0.000	2343418	0.11	1.1	
		2	8.660	8.660	0.000	2366829	0.12	1.2	8.70

* Column used for quantitation

10

PCB ORGANIC DUAL COLUMN CONFIRMATION CHECK

EPA Sample No.

116348LCSD

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 39

Lab Code : PEL Case No.: SAS No: SDG No.: 3505176

Lab Sample ID: 116348LCSD Date(s) Analyzed: 02/10/12 02/10/12

Instrumet ID (1): SECD04 Instrumet ID (2): SECD04

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

COMPOUND		COL	RT	EXP RT	DIFF	AREA	AMOUNT	CONC	%D
Aroclor-1016	*	1	9.000	9.000	0.000	1129553	0.86	8.6	
		2	8.000	8.000	0.000	3570495	0.97	9.7	12.02
Aroclor-1260	*	1	17.000	17.000	0.000	7964056	0.95	9.5	
		2	17.000	17.000	0.000	6463010	1.0	10	5.13
Decachlorobiphenyl	*	1	8.317	8.316	0.001	2405330	0.12	1.2	
		2	8.661	8.660	0.001	2432377	0.12	1.2	0.00

* Column used for quantitation

10

PCB ORGANIC DUAL COLUMN CONFIRMATION CHECK

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 39 JM22-QCWIPE3-020912

Lab Code : PEL Case No.: SAS No: SDG No.: 3505176

Lab Sample ID: 350517601 Date(s) Analyzed: 02/10/12 02/10/12

Instrumet ID (1): SECD04 Instrumet ID (2): SECD04

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

COMPOUND		COL	RT	EXP RT	DIFF	AREA	AMOUNT	CONC	%D
Aroclor-1260	*	1	17.000	17.000	0.000	45592524	5.5	55	
		2	17.000	17.000	0.000	32670649	5.2	52	5.61
Decachlorobiphenyl	*	1	8.331	8.316	0.015	1609029	0.078	0.78	
		2	8.669	8.660	0.009	1576945	0.077	0.77	1.29

* Column used for quantitation

10

PCB ORGANIC DUAL COLUMN CONFIRMATION CHECK

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 39 JM22-QCWIPE3-020912DL1

Lab Code : PEL Case No.: SAS No: SDG No.: 3505176

Lab Sample ID: 350517601DL1 Date(s) Analyzed: 02/10/12 02/10/12

Instrumet ID (1): SECD04 Instrumet ID (2): SECD04

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

COMPOUND		COL	RT	EXP RT	DIFF	AREA	AMOUNT	CONC	%D
Aroclor-1260	*	1	17.000	17.000	0.000	8280995	1.0	50	
		2	17.000	17.000	0.000	6700274	1.0	52	3.92
Decachlorobiphenyl	*	1	8.325	8.316	0.009	337504	0.016	0.82	
		2	8.664	8.660	0.004	310755	0.015	0.76	7.59

* Column used for quantitation

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 116347LCS

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

COMPOUND	SPIKE ADDED ug/wipe	LCS CONCENTRATION ug/wipe	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10	8.2	82.0			43 - 137
Aroclor-1260	10	9	90.0			48 - 154

Spike Recovery: 0 out of 2 outside limits

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

150212 1502

Form III

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 116348LCSD

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

COMPOUND	SPIKE ADDED ug/wipe	LCS CONCENTRATION ug/wipe	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10	8.6	86.0	4.8	30	43 - 137
Aroclor-1260	10	9.5	95.0	5.4	30	48 - 154

Spike Recovery: 0 out of 2 outside limits

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

150212 1502

Form III

8082 Standards Data

150212 1503

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

LAB FILE ID:	RRF0.006 =ACAL1.D	RRF0.02 =ACAL2.D
RRF0.1 =32CAL3.D	RRF0.2 =ACAL4.D	RRF0.4 =ACAL5.D

COMPOUND	RRF0.006	RRF0.02	RRF0.1	RRF0.2	RRF0.4
1260-1	9636833.333	9339350	9084490	9214665	9657940
1260-2	7087166.667	6827950	6640260	6770575	6998352.5
1260-3	5567000	5497300	5236500	5252725	5393132.5
1260-5	3527500	3436200	3170430	3095445	3112917.5
1016-1	747166.667	848950	818820	778840	775615
1016-2	1264666.667	1177750	1110630	1041010	1000057.5
1016-3	3280666.667	3067900	2666170	2519900	2494072.5
1016-4	1592500	1457350	1292360	1209355	1175277.5
1016-5	727166.667	660850	634440	601615	569045
1260-4	16376166.67	16193800	16181420	16272570	16910045
1221-1			220000		
1221-2			149494.118		
1221-3			657688.235		
1232-1			219310		
1232-2			828850		
1232-3			517740		
1232-4			1124530		
1232-5			531000		
1242-1			571810		
1242-2			818670		
1242-3			1857730		
1242-4			899790		
1242-5			869690		
1248-1			1299210		
1248-2			719550		
1248-3			837950		
1248-4			965570		
1248-5			1856170		
1254-1			1288470		
1254-2			3132850		
1254-3			1519250		
1254-4			3131880		
1254-5			4976590		

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

LAB FILE ID: RRF0.006 =ACAL1.D RRF0.02 =ACAL2.D
RRF0.1 =32CAL3.D RRF0.2 =ACAL4.D RRF0.4 =ACAL5.D

COMPOUND	RRF0.006	RRF0.02	RRF0.1	RRF0.2	RRF0.4
Decachlorobiphenyl(SURR)	23217666.67	21476700	19549440	19130960	19235610

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

LAB FILE ID: RRF0.5 =ACAL6.D

COMPOUND	RRF0.5				
1260-1	10366690				
1260-2	7565294				
1260-3	5796250				
1260-5	3296322				
1016-1	812552				
1016-2	1053478				
1016-3	2630780				
1016-4	1232430				
1016-5	596508				
1260-4	17990226				
1221-1					
1221-2					
1221-3					
1232-1					
1232-2					
1232-3					
1232-4					
1232-5					
1242-1					
1242-2					
1242-3					
1242-4					
1242-5					
1248-1					
1248-2					
1248-3					
1248-4					
1248-5					
1254-1					
1254-2					
1254-3					
1254-4					
1254-5					

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

LAB FILE ID: RRF0.5 =ACAL6.D

COMPOUND	RRF0.5				
Decachlorobiphenyl(SURR)	20266396				

150212 1503

FORM VI

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

COMPOUND	CURVE	COEFFICIENTS AO	COEFFICIENTS A1	%RSD OR R^2
1260-1	AVRG		9549994.722	4.8
1260-2	AVRG		6981599.694	4.7
1260-3	AVRG		5457151.25	3.9
1260-5	AVRG		3273135.75	5.5
1016-1	AVRG		796990.6111	4.6
1016-2	AVRG		1107932.028	8.9
1016-3	AVRG		2776581.528	11.6
1016-4	AVRG		1326545.417	12.4
1016-5	AVRG		631604.1111	9
1260-4	AVRG		16654037.94	4.3
1221-1	AVRG		220000	0
1221-2	AVRG		149494.1176	0
1221-3	AVRG		657688.2353	0
1232-1	AVRG		219310	0
1232-2	AVRG		828850	0
1232-3	AVRG		517740	0
1232-4	AVRG		1124530	0
1232-5	AVRG		531000	0
1242-1	AVRG		571810	0
1242-2	AVRG		818670	0
1242-3	AVRG		1857730	0
1242-4	AVRG		899790	0
1242-5	AVRG		869690	0
1248-1	AVRG		1299210	0
1248-2	AVRG		719550	0
1248-3	AVRG		837950	0
1248-4	AVRG		965570	0
1248-5	AVRG		1856170	0
1254-1	AVRG		1288470	0
1254-2	AVRG		3132850	0
1254-3	AVRG		1519250	0
1254-4	AVRG		3131880	0

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

COMPOUND	CURVE	COEFFICIENTS AO	COEFFICIENTS A1	%RSD OR R^2
1254-5	AVRG		4976590	0
==========	==========	==========	==========	==========
Decachlorobiphenyl(SURR)	AVRG		20479462.11	7.8

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

Min RRF for SPCC(#) = 0 Max %RSD for CCC(*) = 0 %

LAB FILE ID: RT1: ACAL1.D RT2: ACAL2.D
RT3: 32CAL3.D RT4: ACAL4.D RT5: ACAL5.D

COMPOUND	RT1	RT2	RT3	RT4	RT5	MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
1260-1	6.327	6.326	6.327	6.328	6.327			
1260-2	6.602	6.602	6.602	6.604	6.603			
1260-3	6.788	6.788	6.788	6.789	6.788			
1260-5	7.799	7.800	7.799	7.799	7.800			
1016-1	3.818	3.820	3.817	3.819	3.820			
1016-2	4.230	4.232	4.232	4.233	4.234			
1016-3	4.713	4.713	4.712	4.713	4.712			
1016-4	4.838	4.838	4.837	4.838	4.837			
1016-5	5.273	5.272	5.272	5.273	5.272			
1260-4	7.014	7.014	7.014	7.014	7.014			
1221-1			3.572					
1221-2			3.765					
1221-3			3.819					
1232-1			3.572					
1232-2			3.819					
1232-3			4.232					
1232-4			4.713					
1232-5			4.837					
1242-1			3.818					
1242-2			4.233					
1242-3			4.712					
1242-4			4.837					
1242-5			4.897					
1248-1			4.716					
1248-2			5.000					
1248-3			5.274					
1248-4			5.478					
1248-5			5.544					
1254-1			5.543					
1254-2			5.706					
1254-3			5.921					
1254-4			6.011					
1254-5			6.208					
==========								
Decachlorobiphenyl(SURR)	8.314	8.314	8.313	8.314	8.315			

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

Min RRF for SPCC(#) = 0 Max %RSD for CCC(*) = 0 %

LAB FILE ID: RT6: ACAL6.D

COMPOUND	RT6					MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
1260-1	6.326					6.327	6.127	6.527
1260-2	6.603					6.602	6.402	6.802
1260-3	6.788					6.788	6.588	6.988
1260-5	7.799					7.799	7.599	7.999
1016-1	3.819					3.817	3.617	4.017
1016-2	4.235					4.232	4.032	4.432
1016-3	4.711					4.712	4.512	4.912
1016-4	4.837					4.837	4.637	5.037
1016-5	5.272					5.272	5.072	5.472
1260-4	7.014					7.014	6.814	7.214
1221-1						3.572	3.372	3.772
1221-2						3.765	3.565	3.965
1221-3						3.819	3.619	4.019
1232-1						3.572	3.372	3.772
1232-2						3.819	3.619	4.019
1232-3						4.232	4.032	4.432
1232-4						4.713	4.513	4.913
1232-5						4.837	4.637	5.037
1242-1						3.818	3.618	4.018
1242-2						4.233	4.033	4.433
1242-3						4.712	4.512	4.912
1242-4						4.837	4.637	5.037
1242-5						4.897	4.697	5.097
1248-1						4.716	4.516	4.916
1248-2						5.000	4.800	5.200
1248-3						5.274	5.074	5.474
1248-4						5.478	5.278	5.678
1248-5						5.544	5.344	5.744
1254-1						5.543	5.343	5.743
1254-2						5.706	5.506	5.906
1254-3						5.921	5.721	6.121
1254-4						6.011	5.811	6.211
1254-5						6.208	6.008	6.408
==========								
Decachlorobiphenyl(SURR)	8.313					8.313	8.113	8.513

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

LAB FILE ID: RRF0.006 =ACAL1.D RRF0.02 =ACAL2.D
RRF0.1 =32CAL3.D RRF0.2 =ACAL4.D RRF0.4 =ACAL5.D

COMPOUND	RRF0.006	RRF0.02	RRF0.1	RRF0.2	RRF0.4
1260-1	6292166.667	5929850	5683770	5700630	5730252.5
1260-2	5234666.667	4995000	4888910	4710830	4768755
1260-3	5436833.333	5203800	5014650	4975075	5019067.5
1260-5	3413833.333	3211000	3155320	3152200	3178157.5
1016-1	2850000	2669150	2735550	2617205	2584417.5
1016-2	3961166.667	3875650	3690580	3573755	3597397.5
1016-3	6300000	5938950	5081040	5548255	5736650
1016-4	5038500	3696500	3453430	3307785	3310022.5
1016-5	3131333.333	2696550	2504360	2448225	2460275
1260-4	12880333.33	12620050	12766590	12722130	12638267.5
1221-1			610423.529		
1221-2			367064.706		
1221-3			1424752.941		
1232-1			585850		
1232-2			1808350		
1232-3			1586560		
1232-4			716310		
1232-5			2162640		
1242-1			1266820		
1242-2			2528550		
1242-3			5770830		
1242-4			2287300		
1242-5			1495340		
1248-1			2186560		
1248-2			2438800		
1248-3			3161470		
1248-4			3598820		
1248-5			4264590		
1254-1			1620430		
1254-2			3214320		
1254-3			3622240		
1254-4			2754400		
1254-5			5803670		

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

LAB FILE ID: RRF0.006 =ACAL1.D RRF0.02 =ACAL2.D
RRF0.1 =32CAL3.D RRF0.2 =ACAL4.D RRF0.4 =ACAL5.D

COMPOUND	RRF0.006	RRF0.02	RRF0.1	RRF0.2	RRF0.4
Decachlorobiphenyl(SURR)	21884333.33	20707700	19980900	19880400	19864640

150212 1503

FORM VI

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

LAB FILE ID: RRF0.5 =ACAL6.D

COMPOUND	RRF0.5				
1260-1	5997682				
1260-2	4959742				
1260-3	5256756				
1260-5	3363020				
1016-1	2689706				
1016-2	3735080				
1016-3	6048960				
1016-4	3453880				
1016-5	2584026				
1260-4	13105960				
1221-1					
1221-2					
1221-3					
1232-1					
1232-2					
1232-3					
1232-4					
1232-5					
1242-1					
1242-2					
1242-3					
1242-4					
1242-5					
1248-1					
1248-2					
1248-3					
1248-4					
1248-5					
1254-1					
1254-2					
1254-3					
1254-4					
1254-5					

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

LAB FILE ID: RRF0.5 =ACAL6.D

COMPOUND	RRF0.5				
Decachlorobiphenyl(SURR)	20772048				

150212 1503

FORM VI

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

COMPOUND	CURVE	COEFFICIENTS AO	COEFFICIENTS A1	%RSD OR R^2
1260-1	AVRG		5889058.528	4
1260-2	AVRG		4926317.278	3.8
1260-3	AVRG		5151030.306	3.5
1260-5	AVRG		3245588.472	3.5
1016-1	AVRG		2691004.75	3.5
1016-2	AVRG		3738938.194	4.1
1016-3	AVRG		5775642.5	7.4
1016-4	AVRG		3710019.583	18
1016-5	AVRG		2637461.556	9.8
1260-4	AVRG		12788888.47	1.4
1221-1	AVRG		610423.5294	0
1221-2	AVRG		367064.7059	0
1221-3	AVRG		1424752.941	0
1232-1	AVRG		585850	0
1232-2	AVRG		1808350	0
1232-3	AVRG		1586560	0
1232-4	AVRG		716310	0
1232-5	AVRG		2162640	0
1242-1	AVRG		1266820	0
1242-2	AVRG		2528550	0
1242-3	AVRG		5770830	0
1242-4	AVRG		2287300	0
1242-5	AVRG		1495340	0
1248-1	AVRG		2186560	0
1248-2	AVRG		2438800	0
1248-3	AVRG		3161470	0
1248-4	AVRG		3598820	0
1248-5	AVRG		4264590	0
1254-1	AVRG		1620430	0
1254-2	AVRG		3214320	0
1254-3	AVRG		3622240	0
1254-4	AVRG		2754400	0
1254-5	AVRG		5803670	0

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PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

COMPOUND	CURVE	COEFFICIENTS AO	COEFFICIENTS A1	%RSD OR R^2
==========	==========	==========	==========	==========
Decachlorobiphenyl(SURR)	AVRG		20515003.56	3.8

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

Min RRF for SPCC(#) = Max %RSD for CCC(*) = %

LAB FILE ID: RT1: ACAL1.D RT2: ACAL2.D
RT3: 32CAL3.D RT4: ACAL4.D RT5: ACAL5.D

COMPOUND	RT1	RT2	RT3	RT4	RT5	MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
1260-1	6.395	6.394	6.394	6.394	6.394			
1260-2	6.707	6.706	6.707	6.707	6.707			
1260-3	6.930	6.931	6.930	6.930	6.930			
1260-5	7.960	7.960	7.959	7.959	7.959			
1016-1	3.940	3.941	3.941	3.941	3.942			
1016-2	4.378	4.379	4.378	4.379	4.380			
1016-3	4.820	4.820	4.819	4.819	4.820			
1016-4	4.940	4.940	4.939	4.939	4.940			
1016-5	5.330	5.331	5.330	5.330	5.330			
1260-4	7.110	7.111	7.110	7.110	7.110			
1221-1			3.697					
1221-2			3.870					
1221-3			3.942					
1232-1			3.697					
1232-2			3.942					
1232-3			4.379					
1232-4			4.624					
1232-5			4.820					
1242-1			3.942					
1242-2			4.378					
1242-3			4.820					
1242-4			4.940					
1242-5			5.031					
1248-1			4.822					
1248-2			5.105					
1248-3			5.332					
1248-4			5.624					
1248-5			5.662					
1254-1			5.103					
1254-2			5.657					
1254-3			5.791					
1254-4			6.047					
1254-5			6.129					

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

Min RRF for SPCC(#) = Max %RSD for CCC(*) = %

LAB FILE ID: RT1: ACAL1.D RT2: ACAL2.D
RT3: 32CAL3.D RT4: ACAL4.D RT5: ACAL5.D

COMPOUND	RT1	RT2	RT3	RT4	RT5	MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl(SURR)	8.664	8.664	8.662	8.664	8.663			

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

Min RRF for SPCC(#) = Max %RSD for CCC(*) = %

LAB FILE ID: RT6: ACAL6.D

COMPOUND	RT6					MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
1260-1	6.394					6.394	6.194	6.594
1260-2	6.707					6.707	6.507	6.907
1260-3	6.931					6.930	6.730	7.130
1260-5	7.959					7.959	7.759	8.159
1016-1	3.942					3.941	3.741	4.141
1016-2	4.380					4.378	4.178	4.578
1016-3	4.820					4.819	4.619	5.019
1016-4	4.940					4.939	4.739	5.139
1016-5	5.331					5.330	5.130	5.530
1260-4	7.111					7.110	6.910	7.310
1221-1						3.697	3.497	3.897
1221-2						3.870	3.670	4.070
1221-3						3.942	3.742	4.142
1232-1						3.697	3.497	3.897
1232-2						3.942	3.742	4.142
1232-3						4.379	4.179	4.579
1232-4						4.624	4.424	4.824
1232-5						4.820	4.620	5.020
1242-1						3.942	3.742	4.142
1242-2						4.378	4.178	4.578
1242-3						4.820	4.620	5.020
1242-4						4.940	4.740	5.140
1242-5						5.031	4.831	5.231
1248-1						4.822	4.622	5.022
1248-2						5.105	4.905	5.305
1248-3						5.332	5.132	5.532
1248-4						5.624	5.424	5.824
1248-5						5.662	5.462	5.862
1254-1						5.103	4.903	5.303
1254-2						5.657	5.457	5.857
1254-3						5.791	5.591	5.991
1254-4						6.047	5.847	6.247
1254-5						6.129	5.929	6.329

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

Min RRF for SPCC(#) = Max %RSD for CCC(*) = %

LAB FILE ID: RT6: ACAL6.D

COMPOUND	RT6					MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl(SURR)	8.663					8.662	8.462	8.862

7SSC

PCB ORGANIC SECONDARY SOURCE CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505176

Instrument ID: SECD04 CalibrationDate: 01/30/12 Time: 1444

CCV ID: SSC1050560 Lab File ID: ASEC.D Init. Calib. Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm)

COMPOUND	Expected	Found	%D / %Drift	Curve Type
1260-1	9549994.7	9877940	3.4	AVRG
1260-2	6981599.7	7068280	1.2	AVRG
1260-3	5457151.3	5498730	0.8	AVRG
1260-5	3273135.8	3471440	6.1	AVRG
1016-1	796990.61	837820	5.1	AVRG
1016-2	1107932	1133250	2.3	AVRG
1016-3	2776581.5	2766340	0.4	AVRG
1016-4	1326545.4	1340070	1.0	AVRG
1016-5	631604.11	679200	7.5	AVRG
1260-4	16654038	16706150	0.3	AVRG
==========				
Decachlorobiphenyl(SURR)	20479462	20898120	2.0	AVRG

7SSC

PCB ORGANIC SECONDARY SOURCE CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505176

Instrument ID: SECD04 CalibrationDate: 01/30/12 Time: 1444

CCV ID: SSC1052567 Lab File ID: ASEC.D Init. Calib. Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm)

COMPOUND	Expected	Found	%D / %Drift	Curve Type
1260-1	5889058.5	6155540	4.5	AVRG
1260-2	4926317.3	5045140	2.4	AVRG
1260-3	5151030.3	5313730	3.2	AVRG
1260-5	3245588.5	3464790	6.8	AVRG
1016-1	2691004.8	2734520	1.6	AVRG
1016-2	3738938.2	3889890	4.0	AVRG
1016-3	5775642.5	5315410	8.0	AVRG
1016-4	3710019.6	3610620	2.7	AVRG
1016-5	2637461.5	2622480	0.6	AVRG
1260-4	12788889	13281280	3.9	AVRG
==========				
Decachlorobiphenyl(SURR)	20515004	21616720	5.4	AVRG

7

PCB ORGANIC CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505176

Instrument ID: SECD04 CalibrationDate: 02/10/12 Time: 1130

CCV ID: CCV1052563 Lab File ID: ACCV1.D Init. Calib. Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm)

COMPOUND	Expected	Found	%D / %Drift	Curve Type
1260-1	9549994.7	9344140	2.2	AVRG
1260-2	6981599.7	6665410	4.5	AVRG
1260-3	5457151.3	5314290	2.6	AVRG
1260-5	3273135.8	3115970	4.8	AVRG
1016-1	796990.61	821720	3.1	AVRG
1016-2	1107932	1059050	4.4	AVRG
1016-3	2776581.5	2572010	7.4	AVRG
1016-4	1326545.4	1224520	7.7	AVRG
1016-5	631604.11	614470	2.7	AVRG
1260-4	16654038	15811700	5.1	AVRG
==========				
Decachlorobiphenyl(SURR)	20479462	18776300	8.3	AVRG

7

PCB ORGANIC CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505176

Instrument ID: SECD04 CalibrationDate: 02/10/12 Time: 1130

CCV ID: CCV1052564 Lab File ID: ACCV1.D Init. Calib. Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm)

COMPOUND	Expected	Found	%D / %Drift	Curve Type
1260-1	5889058.5	5879950	0.2	AVRG
1260-2	4926317.3	4951340	0.5	AVRG
1260-3	5151030.3	5013710	2.7	AVRG
1260-5	3245588.5	2885980	11.1	AVRG
1016-1	2691004.8	2709680	0.7	AVRG
1016-2	3738938.2	3888830	4.0	AVRG
1016-3	5775642.5	5205290	9.9	AVRG
1016-4	3710019.6	3432690	7.5	AVRG
1016-5	2637461.5	2568040	2.6	AVRG
1260-4	12788889	12940750	1.2	AVRG
==========	==========	==========	==========	==========
Decachlorobiphenyl(SURR)	20515004	18288920	10.9	AVRG

7

PCB ORGANIC CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505176

Instrument ID: SECD04 CalibrationDate: 02/10/12 Time: 1455

CCV ID: CCV1052565 Lab File ID: ACCV2.D Init. Calib. Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm)

COMPOUND	Expected	Found	%D / %Drift	Curve Type
1260-1	9549994.7	10794470	13.0	AVRG
1260-2	6981599.7	7647120	9.5	AVRG
1260-3	5457151.3	6114430	12.0	AVRG
1260-5	3273135.8	3642370	11.3	AVRG
1016-1	796990.61	929060	16.6	AVRG
1016-2	1107932	1195870	7.9	AVRG
1016-3	2776581.5	2895800	4.3	AVRG
1016-4	1326545.4	1405290	5.9	AVRG
1016-5	631604.11	689450	9.2	AVRG
1260-4	16654038	18398600	10.5	AVRG
==========	==========	==========	==========	==========
Decachlorobiphenyl(SURR)	20479462	21776920	6.3	AVRG

7

PCB ORGANIC CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505176

Instrument ID: SECD04 CalibrationDate: 02/10/12 Time: 1455

CCV ID: CCV1052566 Lab File ID: ACCV2.D Init. Calib. Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm)

COMPOUND	Expected	Found	%D / %Drift	Curve Type	
1260-1	5889058.5	6982590	18.6	AVRG	
1260-2	4926317.3	6002970	21.9	AVRG	<-
1260-3	5151030.3	6011760	16.7	AVRG	
1260-5	3245588.5	3433660	5.8	AVRG	
1016-1	2691004.8	3149380	17.0	AVRG	
1016-2	3738938.2	4414100	18.1	AVRG	
1016-3	5775642.5	6780440	17.4	AVRG	
1016-4	3710019.6	3940460	6.2	AVRG	
1016-5	2637461.5	2970890	12.6	AVRG	
1260-4	12788889	15491260	21.1	AVRG	<-
==========					
Decachlorobiphenyl(SURR)	20515004	21787460	6.2	AVRG	

Average Used: 14.7

Chain of Custody Documentation

150212 1503

PEL

A Division of SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

3505176

Page 1 of 1

NL

Special Handling:
TAT- Indicate Date Needed: 24 hr
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Bethany Garvey
CH2M HILL
- on file -

Project Mgr.: Amy Twitty

Invoice To: Amy Twitty
CH2M HILL
- on file -

P.O. No.: _____ RQN: _____

Project No.: 395479
Site Name: Parcel K
Location: NAS KW State: FL
Sampler(s): Nikki Manoe

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Hexane 10= _____ 11= _____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= WIPE X2= _____ X3= _____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	List preservative code below: 9	Analyses: PCB, 8082	Notes:
-01	JM22-QCWIPE3-020912	02-09-12	16:00	G	X1			1			X	off Excavator bucket

QA/QC Reporting Level
☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☒ Other CH2M HILL Level C
State specific reporting standards: _____

☐ E-mail to bgarvey@ch2m.com
EDD Format CH2M HILL

Condition upon receipt: ☒ Iced ☐ Ambient ☒ °C 3.1

Relinquished by:	Received by:	Date:	Time:
Nikki Manoe	Fed Ex	2-9-12 ~~18:00~~ nm	18:00
	NL	2-10-12	1030

3505176

FedEx® US Airbill
Express

FedEx Tracking Number 8736 0913 9655

0200 Recipient's Copy

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From

Date

Sender's Name Phone

Company

Address

Dept./Floor/Suite/Room

City State ZIP

2 Your Internal Billing Reference

3 To

Recipient's Name Phone

Company

Address
We cannot deliver to P.O. boxes or P.O. ZIP codes.
Dept./Floor/Suite/Room

Address
Use this line for the HOLD location address or for continuation of your shipping address.

City State ZIP

HOLD Weekday
FedEx location address REQUIRED. NOT available for FedEx First Overnight.

HOLD Saturday
FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

8736 0913 9655

4a Express Package Service
** To most locations.
Packages up to 150 lbs.

- ☐ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- ☐ FedEx First Overnight — Earliest next business morning delivery to select locations.*
- ☐ FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

4b Express Freight Service
** To most locations.
Packages over 150 lbs.

- ☐ FedEx 1Day Freight — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected. FedEx 1Day Freight Booking No.
- ☐ FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

5 Packaging
* Declared value limit $500.

- ☐ FedEx Envelope*
- ☐ FedEx Pak* — Includes FedEx Small Pak and FedEx Large Pak.
- ☐ FedEx Box
- ☐ FedEx Tube
- ☒ Other

6 Special Handling and Delivery Signature Options

- ☐ SATURDAY Delivery — NOT available for FedEx Standard Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- ☐ No Signature Required — Package may be left without obtaining a signature for delivery.
- ☐ Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- ☐ Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. *Fee applies.*

Does this shipment contain dangerous goods?
One box must be checked.

- ☒ No
- ☐ Yes — As per attached Shipper's Declaration.
- ☐ Yes — Shipper's Declaration not required.
- ☐ Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- ☐ Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

7 Payment *Bill to:*

Enter FedEx Acct. No. or Credit Card No. below.

- ☒ Sender — Acct. No. in Section 1 will be billed.
- ☐ Recipient
- ☐ Third Party
- ☐ Credit Card
- ☐ Cash/Check
- Obtain recip. Acct. No. ☐

Total Packages | Total Weight | Total Declared Value† | Credit Card Auth.

____ | ____ lbs. | $ ____ .00 | ____

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

606

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3505176

60

SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	3505176	**Req:**	89810
Client:	CH2M Hill	**Project:**	JM-22
Level:	4	**Date Rec'd:**	2/10/2012 10:20:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	2/13/2012

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	3.1C	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Sufficient For Analysis**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):		**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by SA?	Yes	**TAT Requested:**	RUSH
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
SA to Conduct ALL Analyses?	Yes		
Radioactivity Check?	No		
COC Present?	Yes		

LABEL REVIEW MG

PEER REVIEW ML

Client: CH2M Hill

WONo: 3505176 Profile Name: NAS Key We Profile #: 89810

MATRIX P

Sample #	Bottle	Parameter	Check	Received	Date
01	001	8082 PCB	In	Nicole Labus	2/10/2012 10:30:40 AM
01	001	8082 PCB	Consumed	Tammy Reuter	2/10/2012 10:32:20 AM

Addendum

150212 1503

Letter of Acceptance

Customer Name: CH2M Hill

Date and Time Received: 2/10/2012 10:20:00 AM

Date to be Reported: 10/24/2012

Laboratory Submission Number/SDG: 3505176

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=3505176

Project: NAS Key West / Parcel K JM 22 / 395479

Samples: The submission consisted of 1 samples, including QC, with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 8082.

Sample Custody/COC discrepancies:

None.

Notes:

Temp 3.1C
Same day TAT, prelims
KitID # 11654

Distribution of Report to:

CH2M Hill
Attn: Kama White

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level: 4

Total of: 1 analyses on 5 samples (including QC) *10-Feb-12*

Report/SDG #: 3505176

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
JM22-QCWIPE3-020912	350517601		Wipe	2/9/2012 4:00:00 PM	2/10/2012 10:20:00 AM

Method		
8082	PCB	8082

Mark Gudnason [Tampa]

From: Mark Gudnason [Tampa]
Sent: Friday, February 10, 2012 5:12 PM
To: 'Bethany.Garvey@CH2M.com'
Cc: 'Camden.Robinson@CH2M.com'
Subject: NAS Key West / Parcel K JM 22: 3505176-8082prelims.pdf

Attachments: 3505176-8082prelims.pdf

3505176-8082preli
ms.pdf (96 KB...

Bethany,

Attached are the prelims for the wipe sample received this morning.

Mark

The message is ready to be sent with the following file or link attachments:

3505176-8082prelims.pdf

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

PCB ORGANIC ANALYSIS DATA SHEET

DRAFT

EPA Sample No.: JM22-QCWIPE3-020912

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 2

Lab Code : PEL Case No.: SAS No: SDG No.: 3505176

Matrix: Wipe Lab Sample ID: 350517601 Lab File ID: 17601.D

Sample wt/vol: 1 Units: G Date Received: 02/10/12

Concentrated Extract Volume: 10 Date Extracted: 02/10/12

Level:(low/med) LOW Date Analyzed: 02/10/12 Time: 1404

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/WIPE

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.99	U	0.43	0.99
11096-82-5	Aroclor-1260	55	E	0.23	0.99
11104-28-2	Aroclor-1221	0.99	U	0.4	0.99
11141-16-5	Aroclor-1232	0.99	U	0.66	0.99
53469-21-9	Aroclor-1242	0.99	U	0.36	0.99
12672-29-6	Aroclor-1248	0.99	U	0.36	0.99
11097-69-1	Aroclor-1254	0.99	U	0.31	0.99

Results reported on Primary Column, if RPD >40% results flagged accordingly.

PCB ORGANIC ANALYSIS DATA SHEET

DRAFT

EPA Sample No.: JM22-QCWIPE3-020912DL1

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 2

Lab Code : PEL Case No.: SAS No: SDG No.: 3505176

Matrix: Wipe Lab Sample ID: 350517601DL1 Lab File ID: 17601D5.D

Sample wt/vol: 1 Units: G Date Received: 02/10/12

Concentrated Extract Volume: 10 Date Extracted: 02/10/12

Level:(low/med) LOW Date Analyzed: 02/10/12 Time: 1425

PercentSolids: decanted : (Dilution Factor: 5

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/WIPE

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	5	U	2.1	5
11096-82-5	Aroclor-1260	50		1.2	5
11104-28-2	Aroclor-1221	5	U	2	5
11141-16-5	Aroclor-1232	5	U	3.3	5
53469-21-9	Aroclor-1242	5	U	1.8	5
12672-29-6	Aroclor-1248	5	U	1.8	5
11097-69-1	Aroclor-1254	5	U	1.6	5

Results reported on Primary Column, if RPD >40% results flagged accordingly.

PCB ORGANIC ANALYSIS DATA SHEET

DRAFT

EPA Sample No.: 116346MB

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 22 /

Lab Code : PEL Case No.: SAS No: SDG No.: 3505176

Matrix: Wipe Lab Sample ID: 116346MB Lab File ID: 8240MB.D

Sample wt/vol: 1 Units: G Date Received: 02/10/12

Concentrated Extract Volume: 10 Date Extracted: 02/10/12

Level:(low/med) LOW Date Analyzed: 02/10/12 Time: 1256

PercentSolids: 100 decanted : ( ) Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/WIPE

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.99	U	0.43	0.99
11096-82-5	Aroclor-1260	0.99	U	0.23	0.99
11104-28-2	Aroclor-1221	0.99	U	0.4	0.99
11141-16-5	Aroclor-1232	0.99	U	0.66	0.99
53469-21-9	Aroclor-1242	0.99	U	0.36	0.99
12672-29-6	Aroclor-1248	0.99	U	0.36	0.99
11097-69-1	Aroclor-1254	0.99	U	0.31	0.99

Results reported on Primary Column, if RPD >40% results flagged accordingly.

SOIL PCB ORGANIC SURROGATE RECOVERY

DRAFT

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 2

Lab Code : PEL Case No. SAS No: SDG NO.: 3505176

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

EPA Sample NO.	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	TOT OUT
116346MB	130.0						0
116347LCS	110.0						0
116348LCSD	120.0						0
JM22-QCWIPE3-020912	78.0						0
JM22-QCWIPE3-020912DL1	82.0						0

Control Limits

S1 = Decachlorobiphenyl 33 - 140

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

Control limit source: (lab/method) METHOD

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Form II

100212 1704

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

DRAFT

EPA Sample No.: 116347LCS

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 2

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

COMPOUND	SPIKE ADDED ug/wipe	LCS CONCENTRATION ug/wipe	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10	8.2	82.0			43 - 137
Aroclor-1260	10	9	90.0			48 - 154

Spike Recovery: 0 out of 2 outside limits

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

100212 1704

Form III

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

DRAFT

EPA Sample No.: 116348LCSD

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West / Parcel K JM 2

Lab Code : PEL Case No. SAS No: SDG No.: 3505176

COMPOUND	SPIKE ADDED ug/wipe	LCS CONCENTRATION ug/wipe	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10	8.6	86.0	4.8	30	43 - 137
Aroclor-1260	10	9.5	95.0	5.4	30	48 - 154

Spike Recovery: 0 out of 2 outside limits

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

100212 1704

Form III

Appendix

150212 1503

Raw Data Method 8082

SEQUENCE CHECK

SDG: 3505176 **Method:** 8082

SAMPLE ID	LAB ID	InitialCal Reference	FILE	BATCH	COL	INSTRUMENT	RUN DATE	DILUTION
STD1050547	44134	SECD0401/30/12-1429~E4021012	32CAL3.D	E4021012	1	SECD04	01/30/12 12:13	1
STD1052554	44134	SECD0401/30/12-1429~E4021012	32CAL3.D	E4021012	2	SECD04	01/30/12 12:13	1
STD1050548	44821	SECD0401/30/12-1429~E4021012	42CAL3.D	E4021012	1	SECD04	01/30/12 12:28	1
STD1052555	44821	SECD0401/30/12-1429~E4021012	42CAL3.D	E4021012	2	SECD04	01/30/12 12:28	1
STD1050549	44340	SECD0401/30/12-1429~E4021012	48CAL3.D	E4021012	1	SECD04	01/30/12 12:43	1
STD1052556	44340	SECD0401/30/12-1429~E4021012	48CAL3.D	E4021012	2	SECD04	01/30/12 12:43	1
STD1050546	44135	SECD0401/30/12-1429~E4021012	2154CAL3.D	E4021012	1	SECD04	01/30/12 12:58	1
STD1052553	44135	SECD0401/30/12-1429~E4021012	2154CAL3.D	E4021012	2	SECD04	01/30/12 12:58	1
STD1050555	44123	SECD0401/30/12-1429~E4021012	ACAL6.D	E4021012	1	SECD04	01/30/12 13:13	1
STD1052562	44123	SECD0401/30/12-1429~E4021012	ACAL6.D	E4021012	2	SECD04	01/30/12 13:13	1
STD1050554	44124	SECD0401/30/12-1429~E4021012	ACAL5.D	E4021012	1	SECD04	01/30/12 13:28	1
STD1052561	44124	SECD0401/30/12-1429~E4021012	ACAL5.D	E4021012	2	SECD04	01/30/12 13:28	1
STD1050553	44125	SECD0401/30/12-1429~E4021012	ACAL4.D	E4021012	1	SECD04	01/30/12 13:44	1
STD1052560	44125	SECD0401/30/12-1429~E4021012	ACAL4.D	E4021012	2	SECD04	01/30/12 13:44	1
STD1050552	44593	SECD0401/30/12-1429~E4021012	ACAL3.D	E4021012	1	SECD04	01/30/12 13:59	1
STD1052559	44593	SECD0401/30/12-1429~E4021012	ACAL3.D	E4021012	2	SECD04	01/30/12 13:59	1
STD1050551	44127	SECD0401/30/12-1429~E4021012	ACAL2.D	E4021012	1	SECD04	01/30/12 14:14	1
STD1052558	44127	SECD0401/30/12-1429~E4021012	ACAL2.D	E4021012	2	SECD04	01/30/12 14:14	1
STD1050550	44128	SECD0401/30/12-1429~E4021012	ACAL1.D	E4021012	1	SECD04	01/30/12 14:29	1
STD1052557	44128	SECD0401/30/12-1429~E4021012	ACAL1.D	E4021012	2	SECD04	01/30/12 14:29	1
SSC1050560	43164	SECD0401/30/12-1429~E4021012	ASEC.D	E4021012	1	SECD04	01/30/12 14:44	1
SSC1052567	43164	SECD0401/30/12-1429~E4021012	ASEC.D	E4021012	2	SECD04	01/30/12 14:44	1
CCV1052563	44593	SECD0401/30/12-1429~E4021012	ACCV1.D	E4021012	1	SECD04	02/10/12 11:30	1
CCV1052564	44593	SECD0401/30/12-1429~E4021012	ACCV1.D	E4021012	2	SECD04	02/10/12 11:30	1
116346MB	116346MB	SECD0401/30/12-1429~E4021012	8240MB.D	E4021012	1	SECD04	02/10/12 12:56	1
116346MB	116346MB	SECD0401/30/12-1429~E4021012	8240MB.D	E4021012	2	SECD04	02/10/12 12:56	1
116347LCS	116347LCS	SECD0401/30/12-1429~E4021012	8240LCS.D	E4021012	1	SECD04	02/10/12 13:11	1
116347LCS	116347LCS	SECD0401/30/12-1429~E4021012	8240LCS.D	E4021012	2	SECD04	02/10/12 13:11	1
116348LCSD	116348LCSD	SECD0401/30/12-1429~E4021012	8240LCSD.D	E4021012	1	SECD04	02/10/12 13:27	1
116348LCSD	116348LCSD	SECD0401/30/12-1429~E4021012	8240LCSD.D	E4021012	2	SECD04	02/10/12 13:27	1
JM22-QCWIPE3-020	350517601	SECD0401/30/12-1429~E4021012	17601.D	E4021012	1	SECD04	02/10/12 14:04	1
JM22-QCWIPE3-020	350517601	SECD0401/30/12-1429~E4021012	17601.D	E4021012	2	SECD04	02/10/12 14:04	1
JM22-QCWIPE3-020	350517601DL1	SECD0401/30/12-1429~E4021012	17601D5.D	E4021012	1	SECD04	02/10/12 14:25	5

Extraction Method:	

Extraction Log: 8082 Soil Ext

Batch ID: 8240

Start: 02/10/2012 09:00
End: 02/10/2012 15:27

Scanned ☐

Water Bath Temp: 23.00 °C

Thermometer ID: 2 **Balance ID:** P35923

* W = Witness

Lab ID	Cont	Client ID	Date Samp	Type	Odor	Color	Sed.	Initial	Final	pH I	pH	W*	Standards/Reagents	Cleanups	Archive
116346MB	1	Batch QC		MB	none	clear	none	1.00 G	10.00 mL				1mL 81/82wkg_surr: 44946 @ N/A;	Sulfuric_Acid:41035@02/10/2012	FUJ 2/3
116347LCS	1	Batch QC		LCS	none	clear	none	1.00 G	10.00 mL				1mL 8082wkg_spk: 44851 @ 10 ug/mL; 1mL 81/82wkg_surr: 44946 @ N/A;		FUJ 2/3
116348LCSD	1	Batch QC		LCSD	none	clear	none	1.00 G	10.00 mL				1mL 8082wkg_spk: 44851 @ 10 ug/mL; 1mL 81/82wkg_surr: 44946 @ N/A;		FUJ 2/3
350515801	1	WIPE1	2/6/2012 11:57:00 AM	SAMPLE	none	clear	none	1.00 G	10.00 mL				1mL 81/82wkg_surr: 44946 @ N/A;		FUJ 2/3
350515802	1	WIPE2	2/6/2012 12:02:00 PM	SAMPLE	none	clear	none	1.00 G	10.00 mL				1mL 81/82wkg_surr: 44946 @ N/A;		FUJ 2/3
350515803	1	WIPE3	2/6/2012 12:20:00 PM	SAMPLE	none	clear	none	1.00 G	10.00 mL				1mL 81/82wkg_surr: 44946 @ N/A;	Sulfuric_Acid:41035@02/10/2012	FUJ 2/3
350515804	1	WIPE4	2/6/2012 12:35:00 PM	SAMPLE	none	clear	none	1.00 G	10.00 mL				1mL 81/82wkg_surr: 44946 @ N/A;		FUJ 2/3
350515805	1	WIPE5	2/6/2012 12:26:00 PM	SAMPLE	none	clear	none	1.00 G	10.00 mL				1mL 81/82wkg_surr: 44946 @ N/A;	Sulfuric_Acid:41035@02/10/2012	FUJ 2/3
350517601	1	JM22-QCWIPE3-0209	2/9/2012 4:00:00 PM	SAMPLE	none	clear	none	1.00 G	10.00 mL				1mL 81/82wkg_surr: 44946 @ N/A;		FUJ 2/3

3505176

Initial Solvent 44540

Final Solvent 44540

Sand 44926

Comments:

Signature: Christelle Abadia

Name: Christelle Abadia Title: Chemist 2/10/2012 3:27:21 PM

Prep Tech Posted cabadia Date

Signature: Duffie Young

Name: Duffie Young Title: Lab Technician 2/10/2012 3:29:25 PM

Peer Reviewed dyoung Date

Analyst Reviewed not signed Date

76

Extraction Method:	3580

Extraction Log: 8082 Soil Ext

Batch ID: 8240

Start: 02/10/2012 09:00
End: 02/10/2012 00:00

Scanned ☐

Water Bath Temp: 23.00 °C

Thermometer ID: 2 **Balance ID:** P35923

* W = Witness

Lab ID	Cont	Client ID	Date Samp	Type	Odor	Color	Sed.	Initial	Final	pH I	pH	W*	Standards/Reagents	Cleanups	Archive
116346MB		Batch QC		MB		Sand		20.00 G	10.00 mL	NA	NA		1mL 81/82wkg_surr: 44946 @ N/A;	Acid 41035	FW 2/3
116347LCS		Batch QC		LCS				20.00 G	10.00 mL				1mL 8082wkg_spk: 44851 @ 10 ug/mL; 1mL 81/82wkg_surr: 44946 @ N/A;		
116348LCSD		Batch QC		LCSD				20.00 G	10.00 mL				1mL 8082wkg_spk: 44851 @ 10 ug/mL; 1mL 81/82wkg_surr: 44946 @ N/A;		
350515801	1	WIPE1	2/6/2012 11:57:00 AM	SAMPLE	none	none	none	20.00 G	10.00 mL				1mL 81/82wkg_surr: 44946 @ N/A;		
350515802	1	WIPE2	2/6/2012 12:02:00 PM	SAMPLE				20.00 G	10.00 mL				1mL 81/82wkg_surr: 44946 @ N/A;		
350515803	1	WIPE3	2/6/2012 12:20:00 PM	SAMPLE				20.00 G	10.00 mL				1mL 81/82wkg_surr: 44946 @ N/A;		
350515804	1	WIPE4	2/6/2012 12:35:00 PM	SAMPLE				20.00 G	10.00 mL				1mL 81/82wkg_surr: 44946 @ N/A;		
350515805	1	WIPE5	2/6/2012 12:26:00 PM	SAMPLE				20.00 G	10.00 mL				1mL 81/82wkg_surr: 44946 @ N/A;		
350517601	1	JM22-QCWIPE3-0209	2/9/2012 4:00:00 PM	SAMPLE	HEX			20.00 G	10.00 mL				1mL 81/82wkg_surr: 44946 @ N/A;		

3505176

Initial Solvent 44540

Final Solvent 44540

Sand 44926

Comments:

2/10/12
Prep Tech Posted not signed Date

2/10/12
Peer Reviewed not signed Date

Analyst Reviewed not signed Date

Extraction Method	3580

Extraction Log 8082 Soil Ext

Batch ID 8240

Start: 2/10/2012 9:00:00 AM
End: 2/10/2012 3:27:21 PM

Water Bath Temp: 23 °C

Thermometer ID: 2 **Balance ID:** P35923

Final

Batch ID: 8240

Lab ID	Cont	Client ID	Date Samp	Type	Odor	Color	Sed	Initial	Final	pH	Standards	Cleanups	Archive
350515801	1	WIPE1	2/6/2012 11:57:00 AM	SAMPLE	none	clear	none	1 G	10 mL		1mL 81/82wkg_surr: 44946 @ N/A;	Sulfuric_Acid:41035 @02/10/2012	FUJ 2/3
350515802	1	WIPE2	2/6/2012 12:02:00 PM	SAMPLE	none	clear	none	1 G	10 mL		1mL 81/82wkg_surr: 44946 @ N/A;		FUJ 2/3
350515803	1	WIPE3	2/6/2012 12:20:00 PM	SAMPLE	none	clear	none	1 G	10 mL		1mL 81/82wkg_surr: 44946 @ N/A;	Sulfuric_Acid:41035 @02/10/2012	FUJ 2/3
350515804	1	WIPE4	2/6/2012 12:35:00 PM	SAMPLE	none	clear	none	1 G	10 mL		1mL 81/82wkg_surr: 44946 @ N/A;		FUJ 2/3
350515805	1	WIPE5	2/6/2012 12:26:00 PM	SAMPLE	none	clear	none	1 G	10 mL		1mL 81/82wkg_surr: 44946 @ N/A;	Sulfuric_Acid:41035 @02/10/2012	FUJ 2/3
116346MB	1	116346MB		MB	none	clear	none	1 G	10 mL		1mL 81/82wkg_surr: 44946 @ N/A;	Sulfuric_Acid:41035 @02/10/2012	FUJ 2/3
116347LCS	1	116347LCS		LCS	none	clear	none	1 G	10 mL		1mL 8082wkg_spk: 44851 @ 10 ug/mL; 1mL 81/82wkg_surr: 44946 @ N/A;		FUJ 2/3
116348LCSD	1	116348LCSD		LCSD	none	clear	none	1 G	10 mL		1mL 8082wkg_spk: 44851 @ 10 ug/mL; 1mL 81/82wkg_surr: 44946 @ N/A;		FUJ 2/3
350517601	1	JM22-QCWIPE3-02091	2/9/2012 4:00:00 PM	SAMPLE	none	clear	none	1 G	10 mL		1mL 81/82wkg_surr: 44946 @ N/A;		FUJ 2/3

3505176

Lab ID	Cont	Client ID	Date Samp	Type	Odor	Color	Sed	Initial	Final	pH	Standards	Cleanups	Archive

Initial Solvent 44540

Final Solvent 44540

Sand 44926

Signature: Christelle Abadia

Name: Christelle Abadia Title: Chemist 2/10/2012 3:27:21 PM

Analyst Posted cabadia Date

Signature: Duffie Young

Name: Duffie Young Title: Lab Technician 2/10/2012 3:29:25 PM

Peer Reviewed dyoung Date

Analyst Reviewed rortiz Date

2/10/2012 3:5

3505176

Comments:

Sample Comments

Lab ID	Client ID	Comments
116346MB	116346MB	
116347LCS	116347LCS	
116348LCSD	116348LCSD	
350515801	WIPE1	
350515802	WIPE2	
350515803	WIPE3	
350515804	WIPE4	
350515805	WIPE5	

Batch ID: 8240

Lab ID	Cont	Client ID	Date Samp	Type	Odor	Color	Sed	Initial	Final	pH	Standards	Cleanups	Archive
350517601		JM22-QCWIPE3-020912											

3505176

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
30431	8082_US1254_STK	Ultra EPA-1352	CD-2216	8/31/2015	1 ML	8/21/2009	spruskin
1000 UG/ML: Aroclor-1254							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
30731	8082_US1660_Stk	Ultra Scientific - PP	CD-0236	3/31/2014	1 ML	9/11/2009	jwood
1000 UG/ML: Aroclor-1016, Aroclor-1260							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
30899	8082_US1242_STK	Ultra PP-311	CE-3255	10/31/2016	1 ML	9/24/2009	spruskin
100 UG/ML: Aroclor-1242							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
32246	8082_RT1248_STK	Restek	A065176	2/28/2016	1 ML	12/22/2009	lkeene
1000 UG/ML: Aroclor-1248							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
34845	8082_US1221_STK	Ultra EPA-1292	CE-0015	2/29/2016	1 ML	6/8/2010	spruskin
1000 UG/ML: Aroclor-1221							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
37163	8082_US1232_STK	Ultra PP-301	CC-3294A	12/31/2013	1 ML	10/7/2010	lkeene
100 UG/ML: Aroclor-1232							

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
37165	8082_US1232_STK	Ultra PP-301	CC-3294A	12/31/2013	1 ML	10/7/2010	lkeene
100 UG/ML: Aroclor-1232							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
39785	8082_RK1660stk	Restek - 32039	A075005	6/30/2017	1 ML	2/23/2011	pconklin
1000 UG/ML: Aroclor-1016, Aroclor-1260							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
39787	8082_RK1660stk	Restek - 32039	A075005	6/30/2017	1 ML	2/23/2011	pconklin
1000 UG/ML: Aroclor-1016, Aroclor-1260							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
41047	Hex	Fisher Scientific	106327	4/27/2012	4 L	4/27/2011	fcolosi

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
41502	8081_SURRSP_STK	Ultra Scientific -ISM	CG-3165	10/31/2013	1 ML	5/23/2011	cabadia
200 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
42191	ACE	Fisher	108096	7/8/2016	32 L	7/8/2011	mpatel

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
42196	Hex	Fisher Scientific	110143	7/8/2016	32 L	7/8/2011	cabadia

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43163	8082_seccv_int			3/23/2012	5 ML	9/23/2011	cabadia

1 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
10 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

39785: 50 UL 41047: 4925 UL 41502: 25 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43164	8082_sec_wkg			3/23/2012	5 ML	9/23/2011	cabadia

0.05 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
0.5 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

41047: 4750 UL 43163: 250 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43339	8081_SURRSP_STK	Ultra Scientific -ISM	CG-3165	10/31/2013	1 ML	10/11/2011	rortiz

200 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43846	ACE	JT BAker	114486	11/17/2012	16 L	11/17/2011	dyoung

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43848	Hex	Fisher Scientific	115615	11/17/2012	16 L	11/17/2011	dyoung

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44100	Hex	Fisher Scientific	115118	12/19/2012	16 L	12/9/2011	treuter

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44122	8082_1660INT			6/12/2012	10 ML	12/12/2011	NSUBAR

1 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
10 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

30731: 100 UL 43339: 50 UL 44100: 9850 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44123	8082_acal6_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.25 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
2.5 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

44100: 3750 UL 44122: 1250 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44124	8082_acal5_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.2 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
2 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

44100: 4000 UL 44122: 1000 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44125	8082_acal4_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.1 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
1 UG/ML: Aroclor-1016, Aroclor-1260

STANDARDS LOG

COMPOSED OF:

44100: 4500 UL 44122: 500 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44127	8082_acal2_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.01 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
0.1 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

44100: 4950 UL 44122: 50 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44128	8082_acal1_wkg			6/12/2012	10 ML	12/12/2011	NSUBAR

0.003 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
0.03 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

44100: 9970 UL 44122: 30 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44130	2154_cal4_int			6/12/2012	10 ML	12/12/2011	NSUBAR

10 UG/ML: Aroclor-1221, Aroclor-1254

COMPOSED OF:

30431: 100 UL 34845: 100 UL 44100: 8900 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44132	1232_cal4_int			6/12/2012	5 ML	12/12/2011	NSUBAR

10 UG/ML: Aroclor-1232

COMPOSED OF:

37163: 200 UL 37165: 300 UL 44100: 4500 UL

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44134	1232_cal3_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.5 UG/ML: Aroclor-1232

COMPOSED OF:

44100: 4750 UL 44132: 250 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44135	2154_cal3_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.5 UG/ML: Aroclor-1221, Aroclor-1254

COMPOSED OF:

44100: 4750 UL 44130: 250 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44338	1248_cal4_int			6/28/2012	5 ML	12/28/2011	NSUBAR

10 UG/ML: Aroclor-1248

COMPOSED OF:

32246: 50 UL 44100: 4950 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44340	8082_acal3_wkg			6/28/2012	10 ML	12/28/2011	NSUBAR

0.5 UG/ML: Aroclor-1248

COMPOSED OF:

44100: 9500 UL 44338: 500 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44593	8082_acal3_wkg			6/12/2012	10 ML	1/12/2012	NSUBAR

0.05 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
0.5 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

43848: 9500 UL 44122: 500 UL

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44755	8081_SURRSP_STK	Ultra Scientific -ISM	CG-3165	10/31/2013	1 ML	1/24/2012	nsubar

200 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44777	1242_cal4_int			7/26/2012	5 ML	1/26/2012	nsubar

10 UG/ML: Aroclor-1242

COMPOSED OF:

30899: 500 UL 42196: 4500 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44821	8082_acal3_wkg			7/26/2012	10 ML	1/30/2012	cabadia

0.5 UG/ML: Aroclor-1242

COMPOSED OF:

42191: 9500 UL 44777: 500 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44851	8082wkg_spk			8/1/2012	50 ML	2/1/2012	cabadia

10 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

39787: 500 UL 43846: 49.5 ML

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44946	81/82wkg_surr			8/8/2012	100 ML	2/8/2012	rortiz

1 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene

COMPOSED OF:

43846: 99.5 ML 44755: 0.5 ML

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\32CAL3.D
Report Date: 14-Feb-2012 15:20

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\32CAL3.D
Lab Smp Id: 44134 Client Smp ID: 32CAL3
Inj Date : 30-JAN-2012 12:13
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44134
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1232.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	19 1232-1	3.571	3.571	0.000	21931	0.10000	0.10
	20 1232-2	3.818	3.818	0.000	82885	0.10000	0.10
	21 1232-3	4.231	4.231	0.000	51774	0.10000	0.10
	22 1232-4	4.712	4.712	0.000	112453	0.10000	0.10(M)
	23 1232-5	4.836	4.836	0.000	53100	0.10000	0.10(M)
M	24 PCB 1232 Total				322143	0.50000	0.50

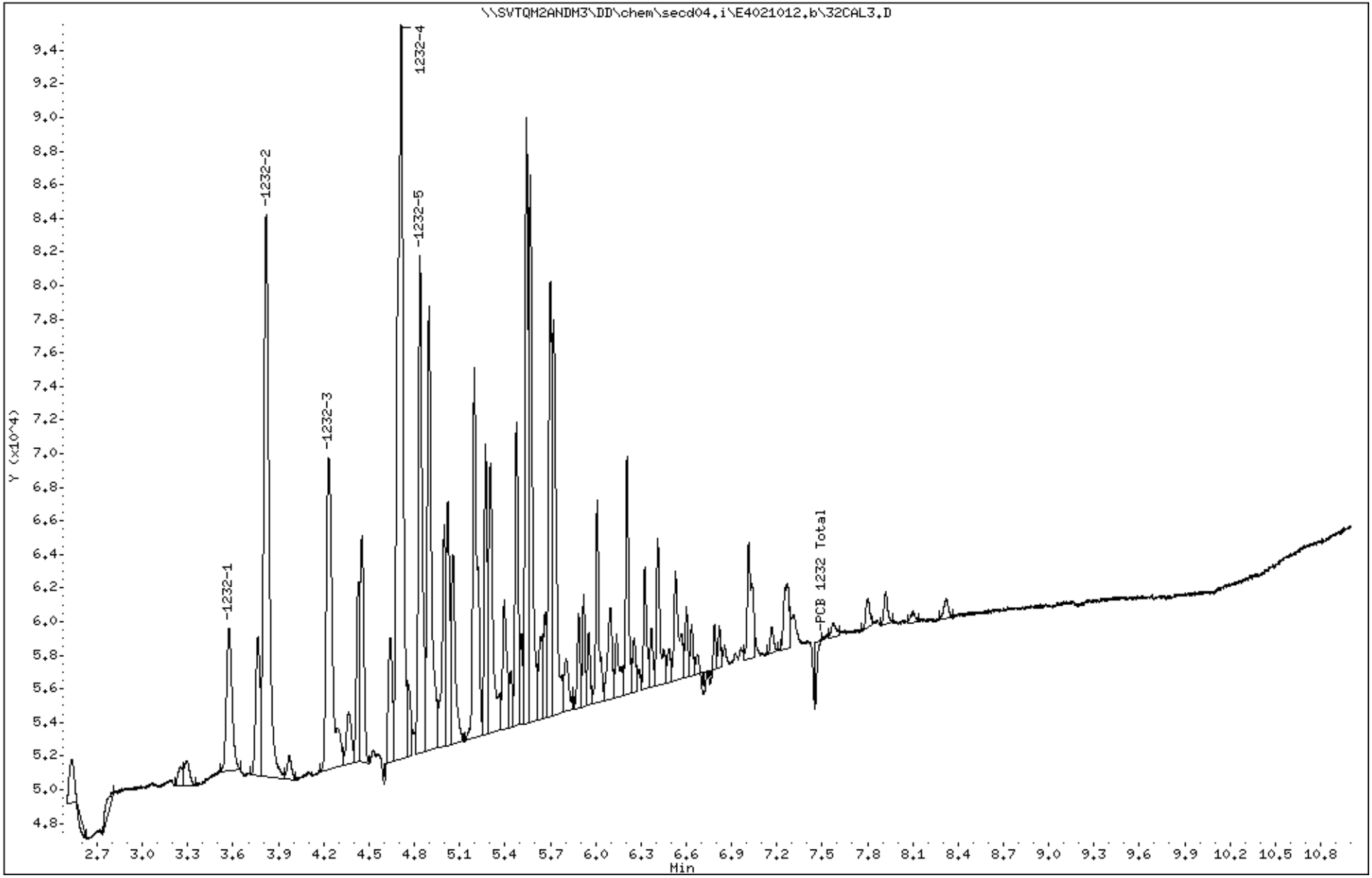
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\32CAL3.D
Date : 30-JAN-2012 12:13
Client ID: 32CAL3
Sample Info: 44134

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



3505176

Data File: 32CAL3.D
Report Date: 14-Feb-2012 15:21

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\32CAL3.D
Lab Smp Id: 44134 Client Smp ID: 32CAL3
Inj Date : 30-JAN-2012 12:13
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44134
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1232.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)	
	19 1232-1	3.696	3.696	0.000	58585	0.10000		
	20 1232-2	3.941	3.941	0.000	180835	0.10000		
	21 1232-3	4.378	4.378	0.000	158656	0.10000		(M)
	22 1232-4	4.624	4.624	0.000	71631	0.10000		
	23 1232-5	4.820	4.820	0.000	216264	0.10000		
M	24 PCB 1232 Total				685971	0.50000		

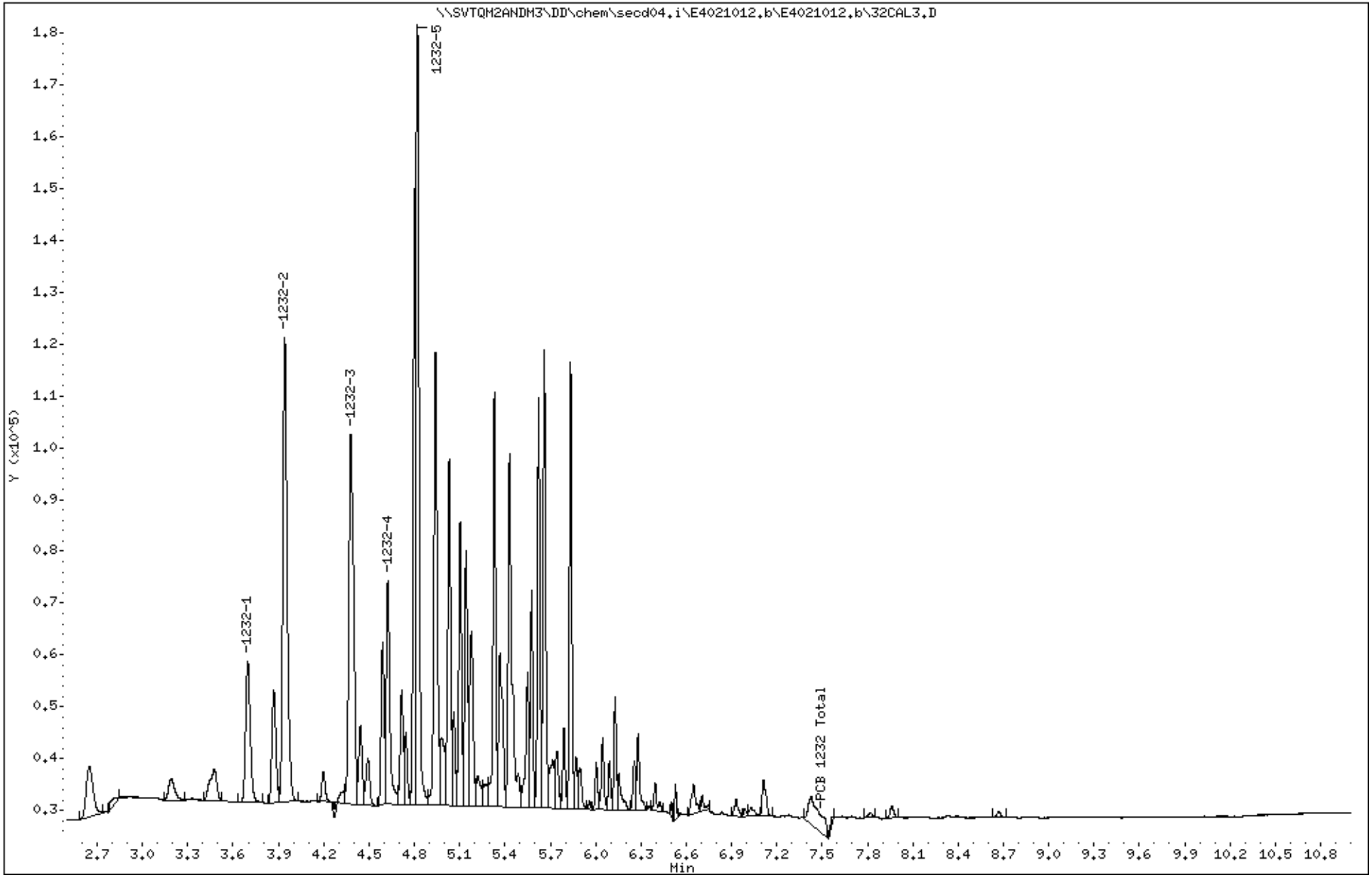
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\32CAL3.D
Date : 30-JAN-2012 12:13
Client ID: 32CAL3
Sample Info: 44134

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\42CAL3.D
Report Date: 14-Feb-2012 15:21

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\42CAL3.D
Lab Smp Id: 44821 Client Smp ID: 42CAL3
Inj Date : 30-JAN-2012 12:28
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44821
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1242.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	25 1242-1	3.818	3.818	0.000	57181	0.10000	0.10
	26 1242-2	4.233	4.233	0.000	81867	0.10000	0.10(M)
	27 1242-3	4.711	4.711	0.000	185773	0.10000	0.10(M)
	28 1242-4	4.836	4.836	0.000	89979	0.10000	0.10(M)
	29 1242-5	4.896	4.896	0.000	86969	0.10000	0.10(M)
M	30 PCB 1242 Total				501769	0.50000	0.50

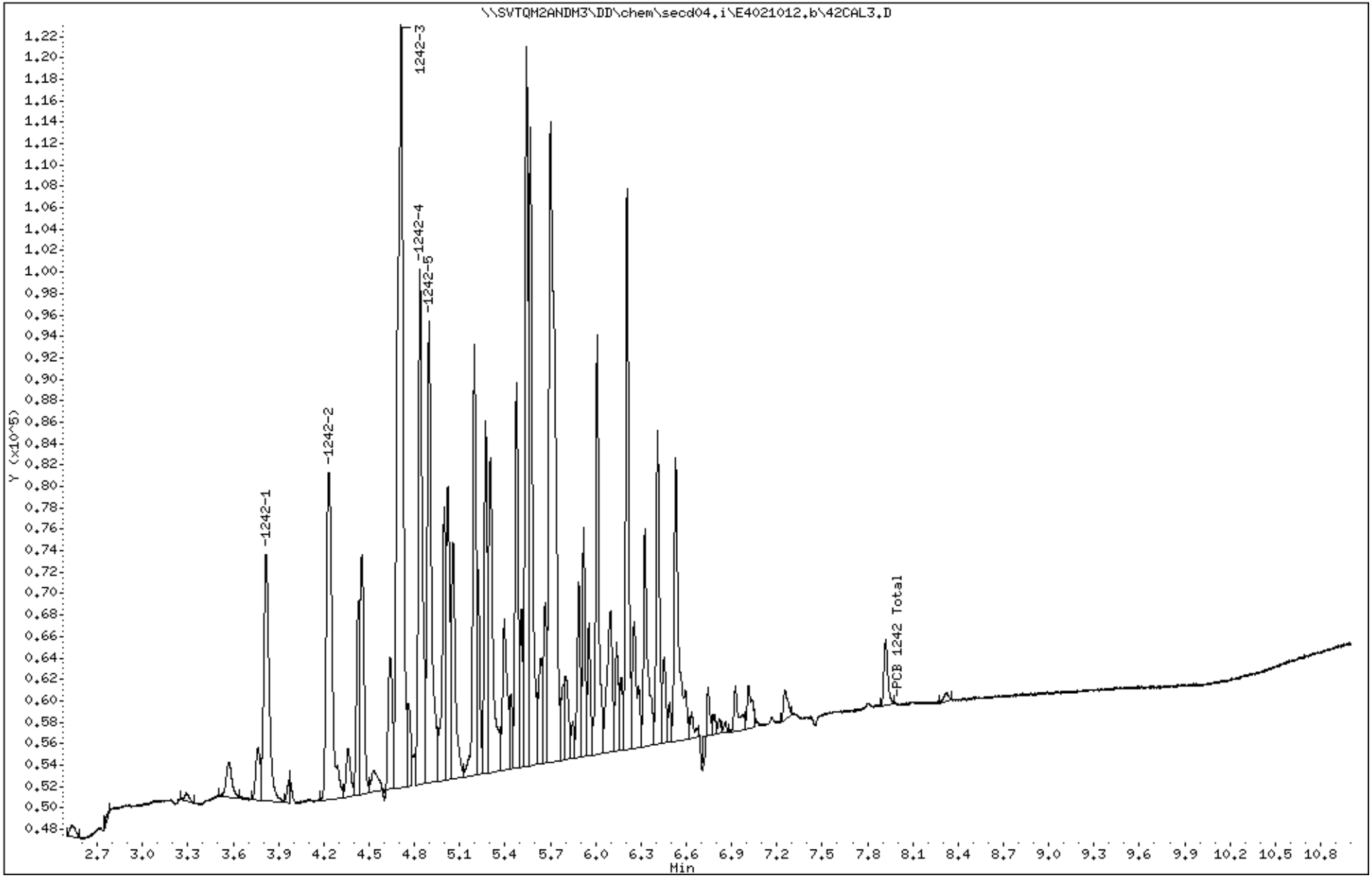
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\42CAL3.D
Date : 30-JAN-2012 12:28
Client ID: 42CAL3
Sample Info: 44821

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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Data File: 42CAL3.D
Report Date: 14-Feb-2012 15:21

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\42CAL3.D
Lab Smp Id: 44821 Client Smp ID: 42CAL3
Inj Date : 30-JAN-2012 12:28
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44821
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1242.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	
	25 1242-1	3.941	3.941	0.000	126682	0.10000		
	26 1242-2	4.378	4.378	0.000	252855	0.10000		(M)
	27 1242-3	4.820	4.820	0.000	577083	0.10000		(M)
	28 1242-4	4.940	4.940	0.000	228730	0.10000		(M)
	29 1242-5	5.030	5.030	0.000	149534	0.10000		(M)
M	30 PCB 1242 Total				1334884	0.50000		

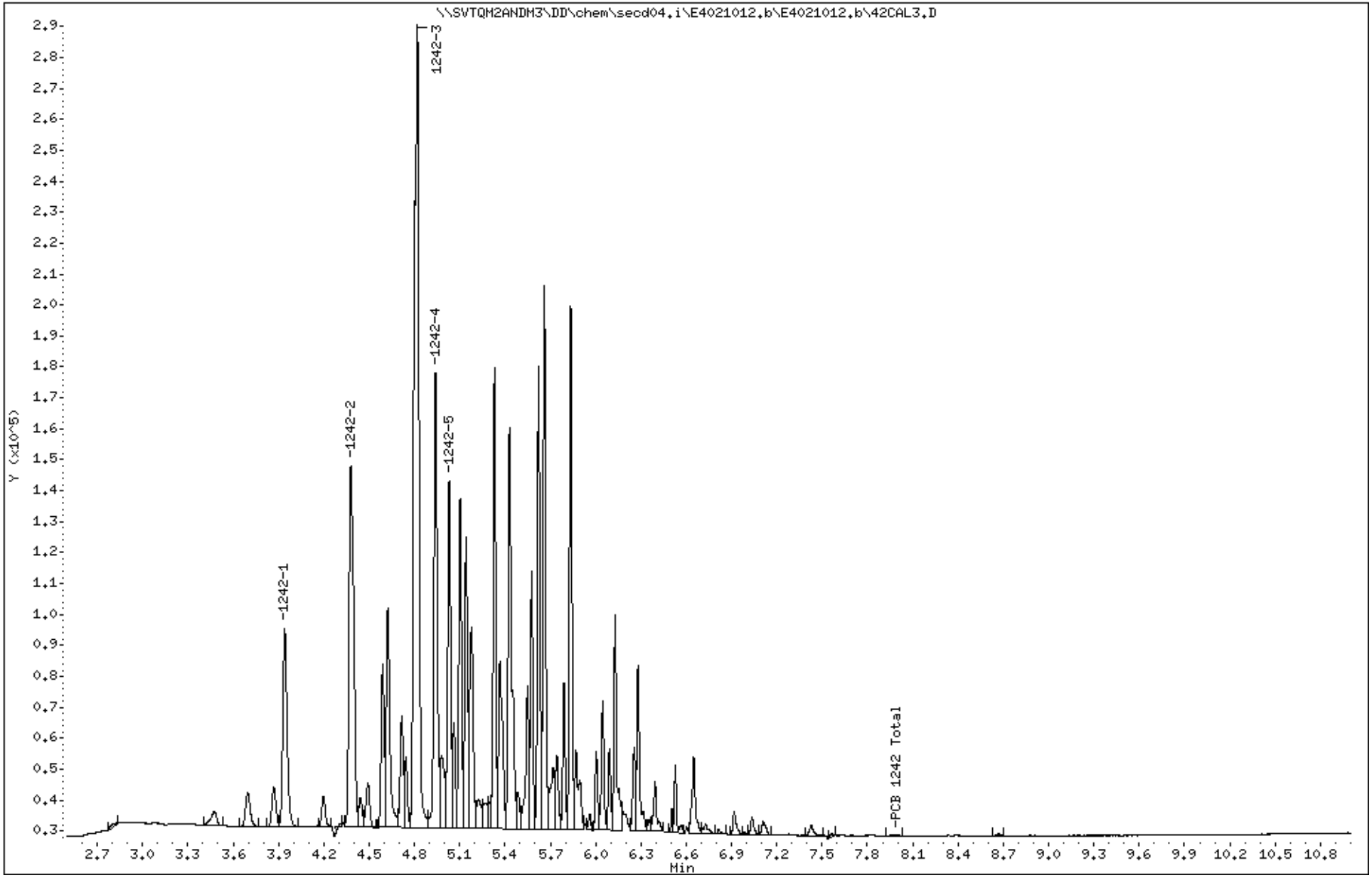
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\42CAL3.D
Date : 30-JAN-2012 12:28
Client ID: 42CAL3
Sample Info: 44821

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\48CAL3.D
Report Date: 14-Feb-2012 15:21

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\48CAL3.D
Lab Smp Id: 44340 Client Smp ID: 48CAL3
Inj Date : 30-JAN-2012 12:43
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44340
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1248.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	31 1248-1	4.715	4.715	0.000	129921	0.10000	0.10(M)
	32 1248-2	4.999	4.999	0.000	71955	0.10000	0.10(M)
	33 1248-3	5.274	5.274	0.000	83795	0.10000	0.10(M)
	34 1248-4	5.478	5.478	0.000	96557	0.10000	0.10(M)
	35 1248-5	5.544	5.544	0.000	185617	0.10000	0.10(M)
M	36 PCB 1248 Total				567845	0.50000	0.50

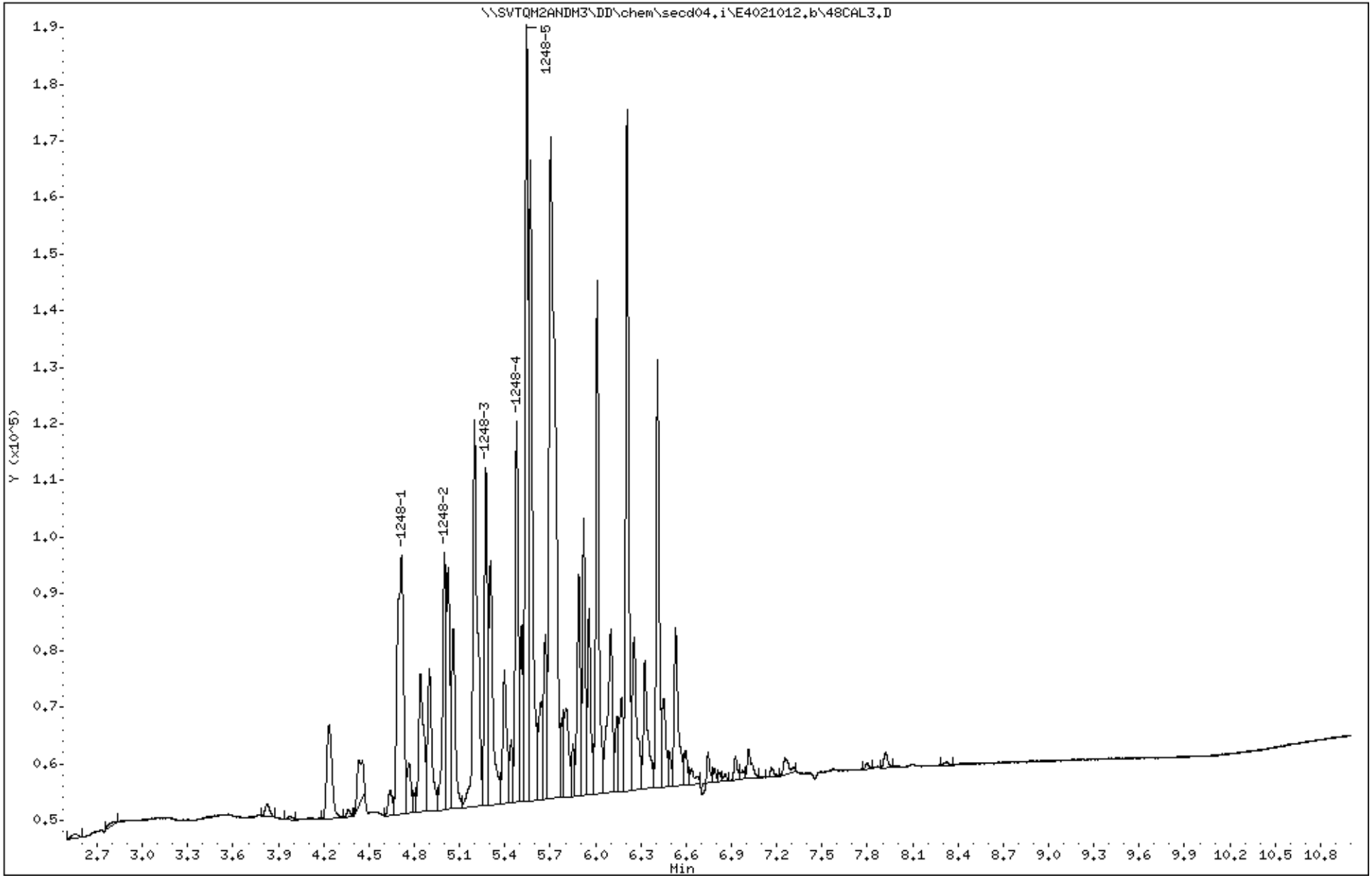
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\48CAL3.D
Date : 30-JAN-2012 12:43
Client ID: 48CAL3
Sample Info: 44340

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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Data File: 48CAL3.D
Report Date: 14-Feb-2012 15:21

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\48CAL3.D
Lab Smp Id: 44340 Client Smp ID: 48CAL3
Inj Date : 30-JAN-2012 12:43
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44340
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1248.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

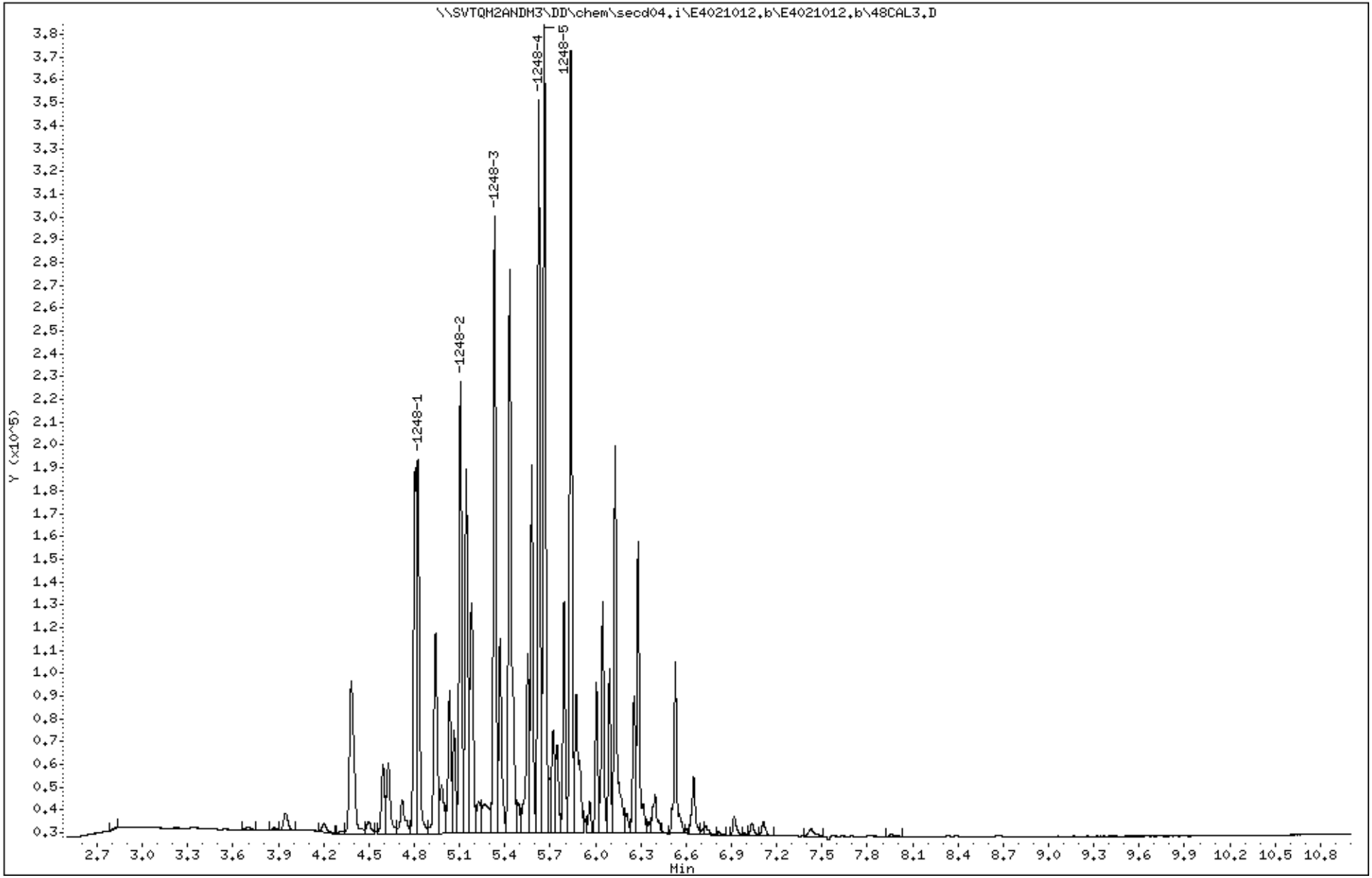
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	
31	1248-1	4.822	4.822	0.000	218656	0.10000		(M)
32	1248-2	5.104	5.104	0.000	243880	0.10000		(M)
33	1248-3	5.332	5.332	0.000	316147	0.10000		(M)
34	1248-4	5.624	5.624	0.000	359882	0.10000		(M)
35	1248-5	5.661	5.661	0.000	426459	0.10000		(M)
M 36	PCB 1248 Total				1565024	0.50000		

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\48CAL3.D
Date : 30-JAN-2012 12:43
Client ID: 48CAL3
Instrument: secd04.i
Sample Info: 44340
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\2154CAL3.D
Report Date: 14-Feb-2012 15:21

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\2154CAL3.D
Lab Smp Id: 44135 Client Smp ID: 2154CAL3
Inj Date : 30-JAN-2012 12:58
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44135
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2154.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	13 1221-1	3.572	3.572	0.000	37400	0.17000	0.17
	14 1221-2	3.764	3.764	0.000	25414	0.17000	0.17
	15 1221-3	3.818	3.818	0.000	111807	0.17000	0.17
M	18 PCB 1221 Total				174621	0.50000	0.51
	37 1254-1	5.543	5.543	0.000	128847	0.10000	0.10(M)
	38 1254-2	5.705	5.705	0.000	313285	0.10000	0.10(M)
	39 1254-3	5.921	5.921	0.000	151925	0.10000	0.10(M)
	40 1254-4	6.010	6.010	0.000	313188	0.10000	0.10(M)
	41 1254-5	6.208	6.208	0.000	497659	0.10000	0.10(M)
M	42 PCB 1254 Total				1404904	0.50000	0.50

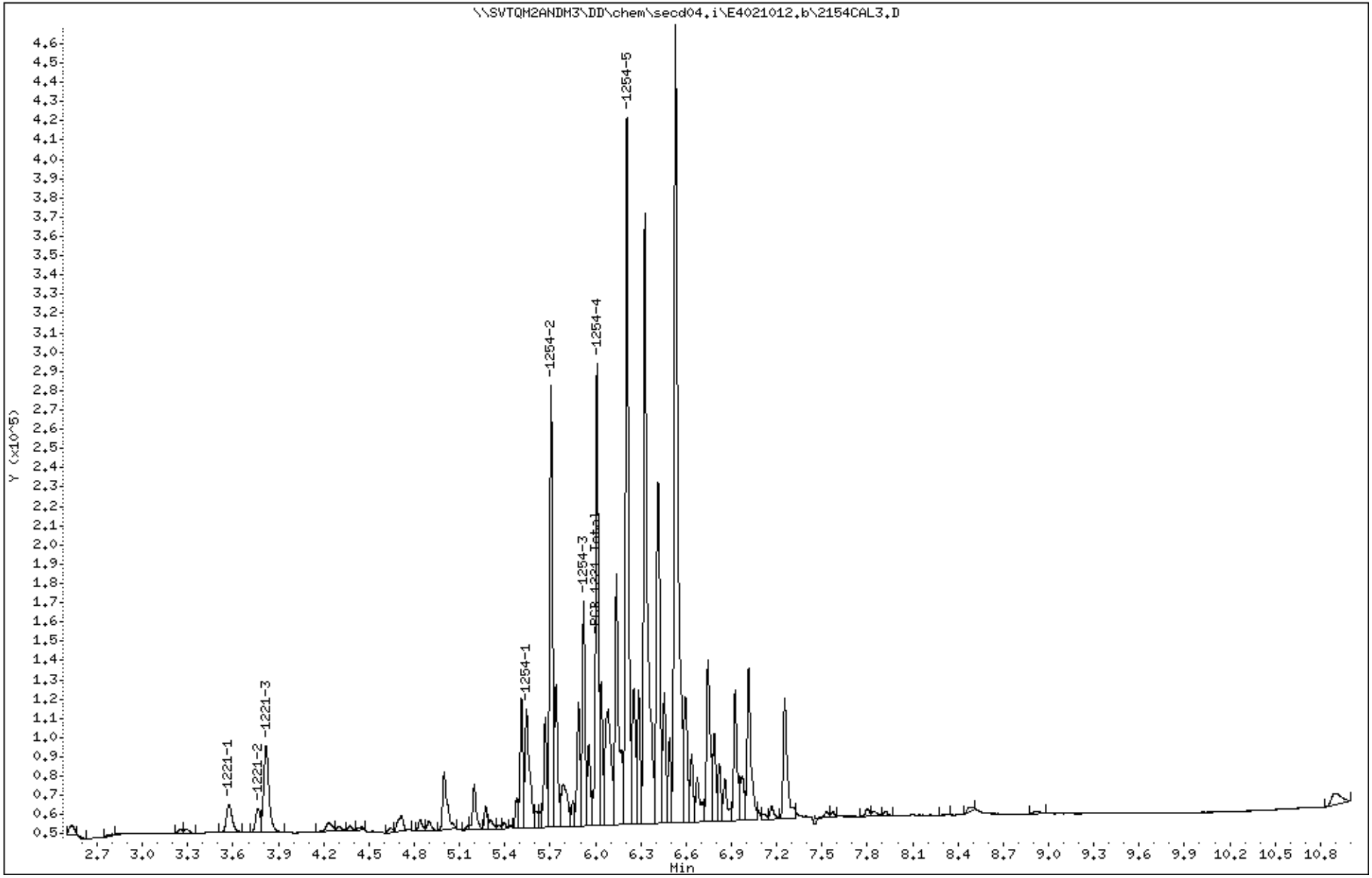
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\2154CAL3.D
Date : 30-JAN-2012 12:58
Client ID: 2154CAL3
Sample Info: 44135

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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3505176

Data File: 2154CAL3.D
Report Date: 14-Feb-2012 15:21

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\2154CAL3.D
Lab Smp Id: 44135 Client Smp ID: 2154CAL3
Inj Date : 30-JAN-2012 12:58
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44135
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2154.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

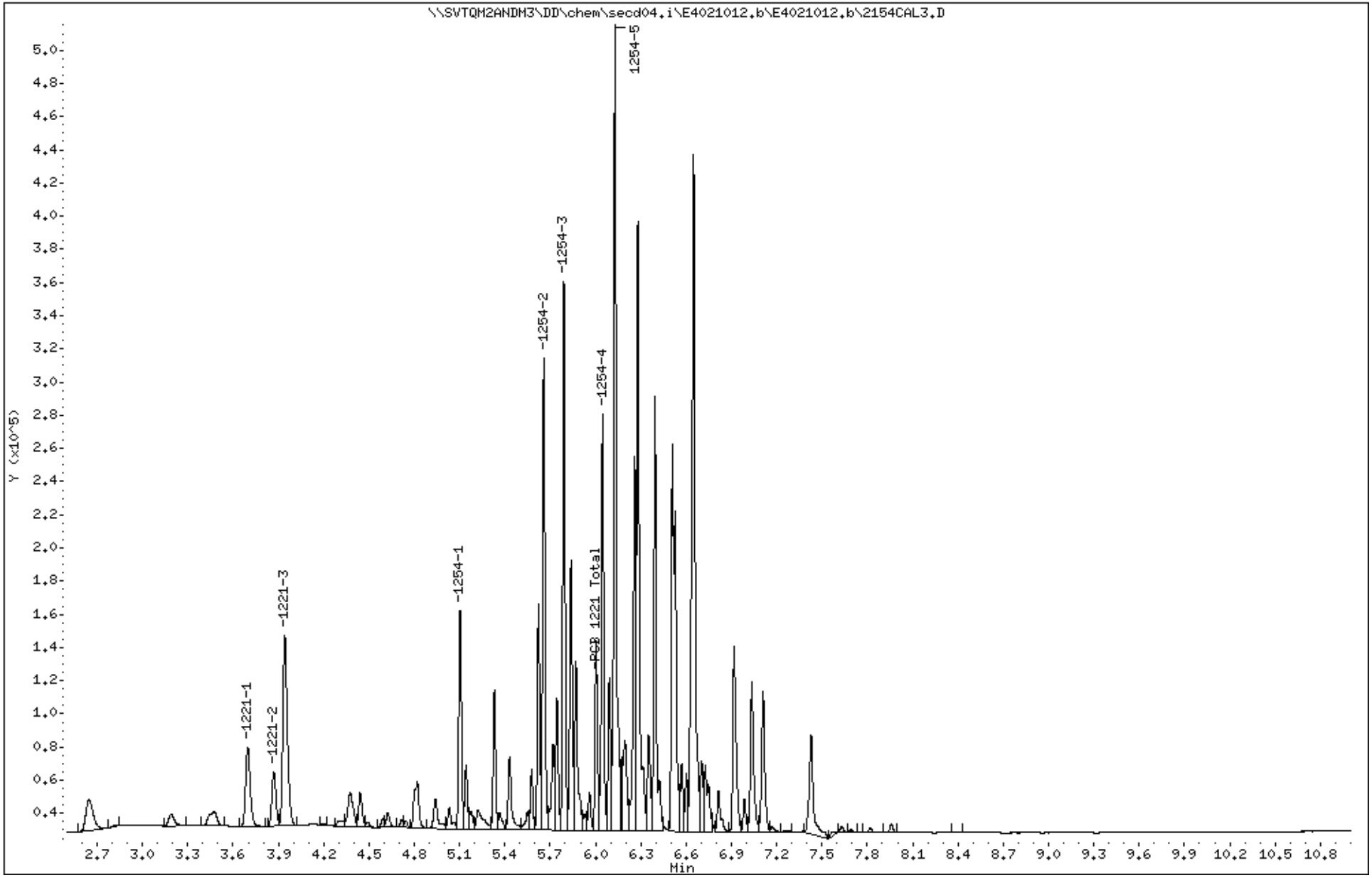
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	
	13 1221-1	3.697	3.697	0.000	103772	0.17000		
	14 1221-2	3.869	3.869	0.000	62401	0.17000		
	15 1221-3	3.942	3.942	0.000	242208	0.17000		
M	18 PCB 1221 Total				408381	0.50000		
	37 1254-1	5.103	5.103	0.000	162043	0.10000		(M)
	38 1254-2	5.657	5.657	0.000	321432	0.10000		(M)
	39 1254-3	5.790	5.790	0.000	362224	0.10000		(M)
	40 1254-4	6.047	6.047	0.000	275440	0.10000		(M)
	41 1254-5	6.128	6.128	0.000	580367	0.10000		(M)
M	42 PCB 1254 Total				1701506	0.50000		

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\2154CAL3.D
Date : 30-JAN-2012 12:58
Client ID: 2154CAL3
Instrument: secd04.i
Sample Info: 44135
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL6.D
Report Date: 14-Feb-2012 15:21

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL6.D
Lab Smp Id: 44123 Client Smp ID: ACAL6
Inj Date : 30-JAN-2012 13:13
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44123
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.818	3.813	0.005	406276	0.50000	0.51(M)
	2 1016-2	4.234	4.228	0.006	526739	0.50000	0.48(M)
	3 1016-3	4.711	4.708	0.003	1315390	0.50000	0.47(M)
	4 1016-4	4.837	4.833	0.004	616215	0.50000	0.46(M)
	5 1016-5	5.272	5.269	0.003	298254	0.50000	0.47(M)
M	6 PCB 1016 Total				3162874	2.50000	2.4
	7 1260-1	6.326	6.326	0.000	5183345	0.50000	0.54(M)
	8 1260-2	6.603	6.603	0.000	3782647	0.50000	0.54(M)
	9 1260-3	6.788	6.788	0.000	2898125	0.50000	0.53(M)
	10 1260-4	7.013	7.014	-0.001	8995113	0.50000	0.54(M)
	11 1260-5	7.798	7.800	-0.002	1648161	0.50000	0.50
M	12 PCB 1260 Total				22507391	2.50000	2.6
$	45 decachlorobiphenyl	8.313	8.315	-0.002	5066599	0.25000	0.25

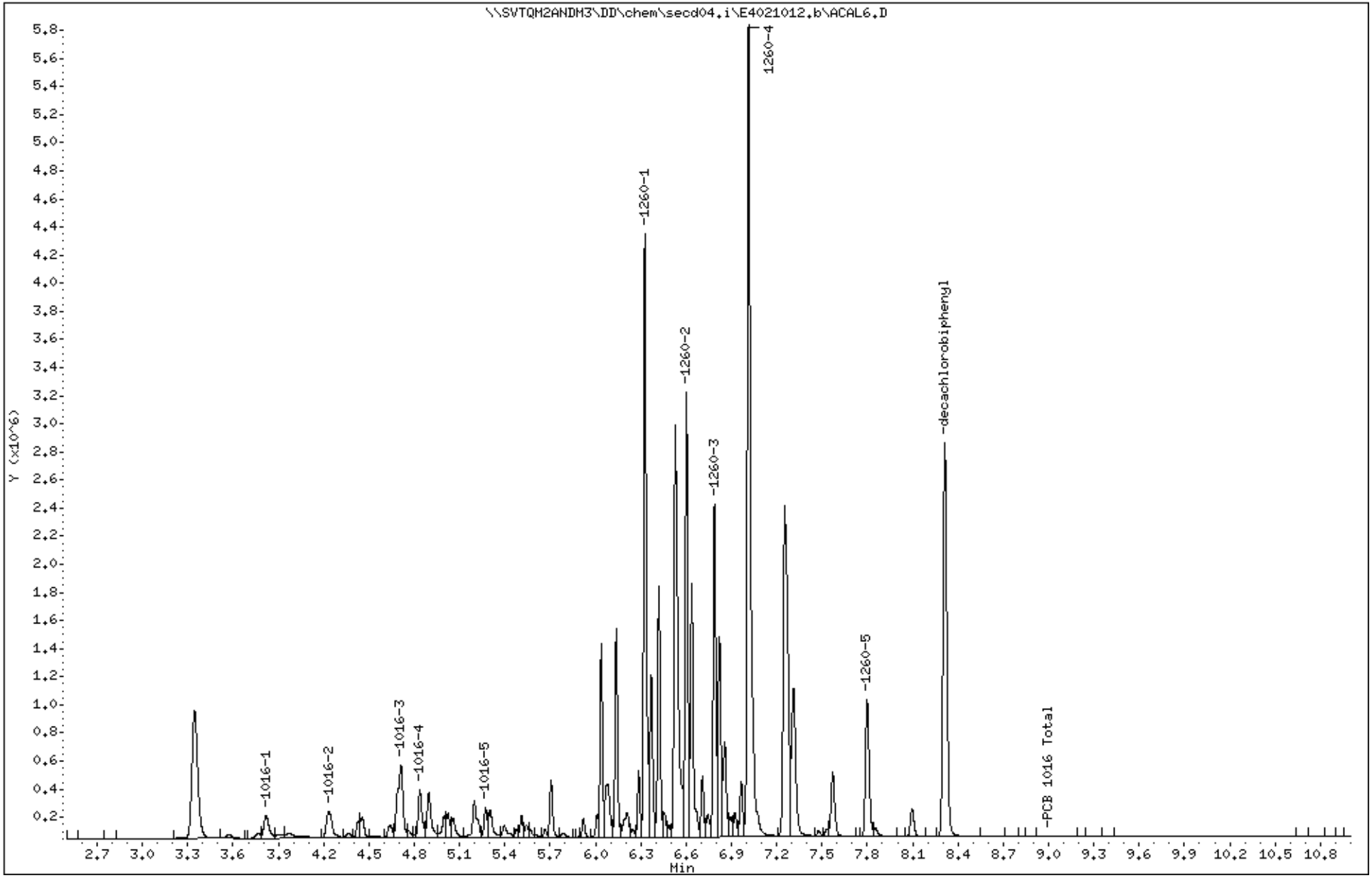
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL6.D
Date : 30-JAN-2012 13:13
Client ID: ACAL6
Sample Info: 44123

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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Data File: ACAL6.D
Report Date: 14-Feb-2012 15:21

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL6.D
Lab Smp Id: 44123 Client Smp ID: ACAL6
Inj Date : 30-JAN-2012 13:13
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44123
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	
	1 1016-1	3.942	3.937	0.005	1344853	0.50000		
	2 1016-2	4.379	4.375	0.004	1867540	0.50000		
	3 1016-3	4.819	4.816	0.003	3024480	0.50000		(M)
	4 1016-4	4.939	4.936	0.003	1726940	0.50000		
	5 1016-5	5.330	5.327	0.003	1292013	0.50000		
M	6 PCB 1016 Total				9255826	2.50000		
	7 1260-1	6.393	6.391	0.002	2998841	0.50000		
	8 1260-2	6.707	6.705	0.002	2479871	0.50000		
	9 1260-3	6.930	6.927	0.003	2628378	0.50000		
	10 1260-4	7.110	7.107	0.003	6552980	0.50000		
	11 1260-5	7.958	7.956	0.002	1681510	0.50000		
M	12 PCB 1260 Total				16341580	2.50000		
$	45 decachlorobiphenyl	8.663	8.660	0.003	5193012	0.25000		

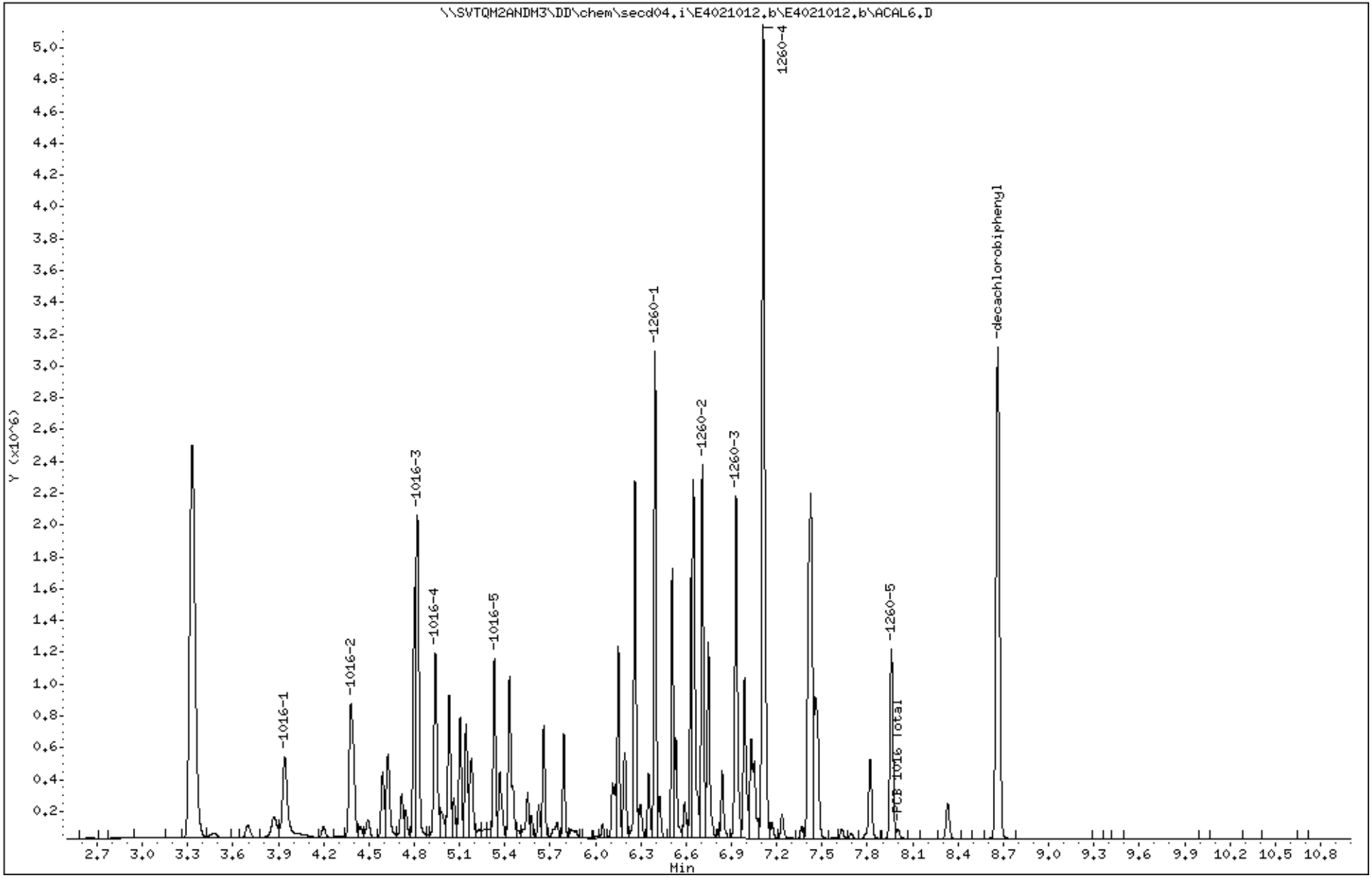
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL6.D
Date : 30-JAN-2012 13:13
Client ID: ACAL6
Sample Info: 44123

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL5.D
Report Date: 14-Feb-2012 15:21

PEL Laboratories, Inc.

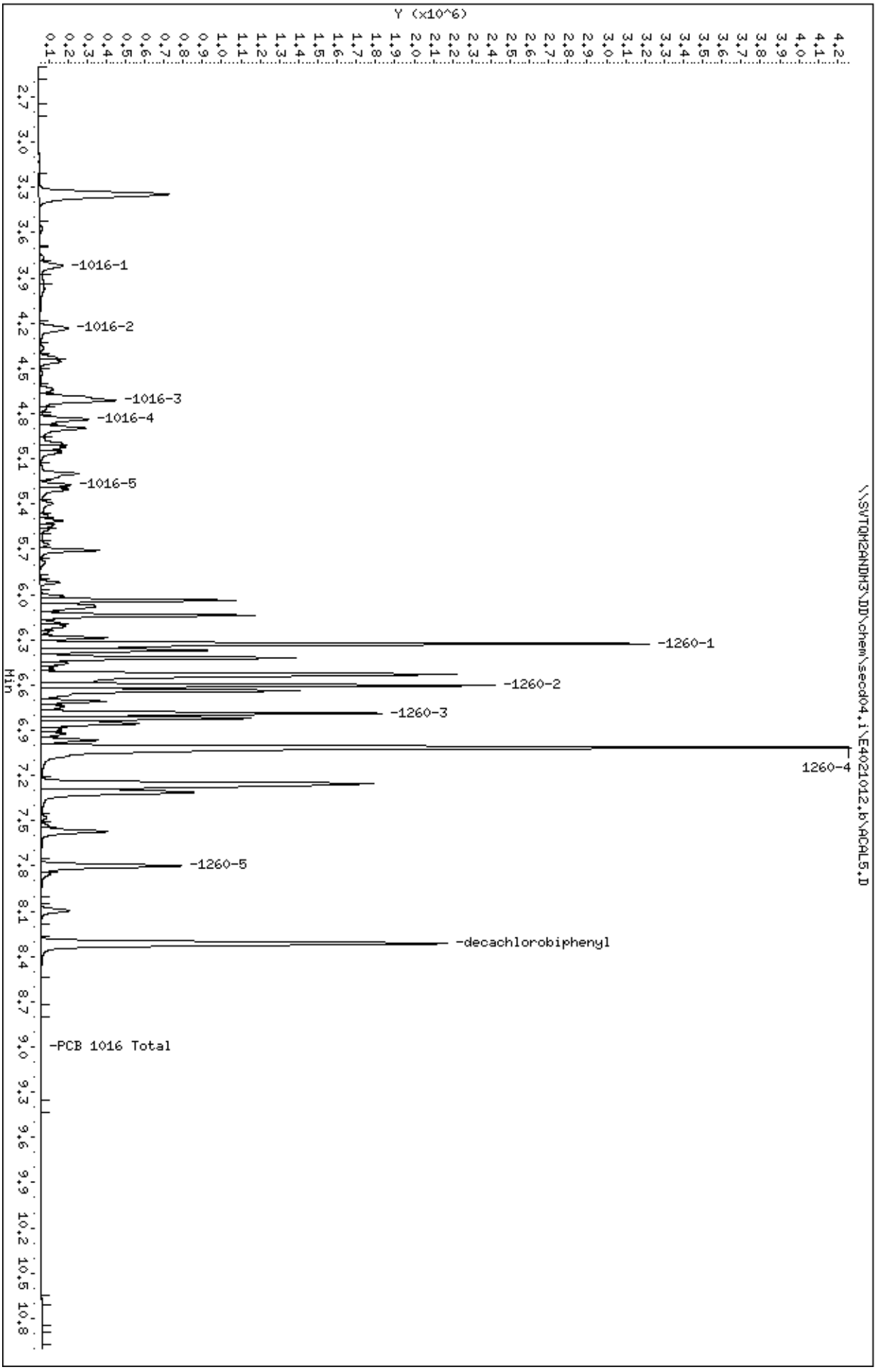
METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL5.D
Lab Smp Id: 44124 Client Smp ID: ACAL5
Inj Date : 30-JAN-2012 13:28
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44124
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 9 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.819	3.813	0.006	310246	0.40000	0.39
	2 1016-2	4.233	4.228	0.005	400023	0.40000	0.36
	3 1016-3	4.712	4.708	0.004	997629	0.40000	0.36
	4 1016-4	4.837	4.833	0.004	470111	0.40000	0.35
	5 1016-5	5.272	5.269	0.003	227618	0.40000	0.36
M	6 PCB 1016 Total				2405627	2.00000	1.8
	7 1260-1	6.327	6.326	0.001	3863176	0.40000	0.40
	8 1260-2	6.602	6.603	-0.001	2799341	0.40000	0.40
	9 1260-3	6.787	6.788	-0.001	2157253	0.40000	0.40
	10 1260-4	7.013	7.014	-0.001	6764018	0.40000	0.41
	11 1260-5	7.799	7.800	-0.001	1245167	0.40000	0.38
M	12 PCB 1260 Total				16828955	2.00000	2.0
$	45 decachlorobiphenyl	8.314	8.315	-0.001	3847122	0.20000	0.19


Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL5.D
Date : 30-JAN-2012 13:28
Client ID: ACAL5
Sample Info: 44124
Column phase: STX-CLP1
Instrument: secd04.i
Operator: PEL Labs
Column diameter: 0.32
Y (x10^6)
Min
\\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL5.D
-1016-1
-1016-2
-1016-3
-1016-4
-1016-5
-1260-1
-1260-2
-1260-3
1260-4
-1260-5
-decachlorobiphenyl
-PCB 1016 Total

Data File: ACAL5.D
Report Date: 14-Feb-2012 15:21

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL5.D
Lab Smp Id: 44124 Client Smp ID: ACAL5
Inj Date : 30-JAN-2012 13:28
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44124
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 9 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.942	3.937	0.005	1033767	0.40000	0.38
	2 1016-2	4.379	4.375	0.004	1438959	0.40000	0.38
	3 1016-3	4.820	4.816	0.004	2294660	0.40000	0.38(M)
	4 1016-4	4.940	4.936	0.004	1324009	0.40000	0.38
	5 1016-5	5.330	5.327	0.003	984110	0.40000	0.38
M	6 PCB 1016 Total				7075505	2.00000	
	7 1260-1	6.393	6.391	0.002	2292101	0.40000	0.38
	8 1260-2	6.707	6.705	0.002	1907502	0.40000	0.38
	9 1260-3	6.930	6.927	0.003	2007627	0.40000	0.38
	10 1260-4	7.110	7.107	0.003	5055307	0.40000	0.38
	11 1260-5	7.958	7.956	0.002	1271263	0.40000	0.38(M)
M	12 PCB 1260 Total				12533800	2.00000	
$	45 decachlorobiphenyl	8.662	8.660	0.002	3972928	0.20000	0.19

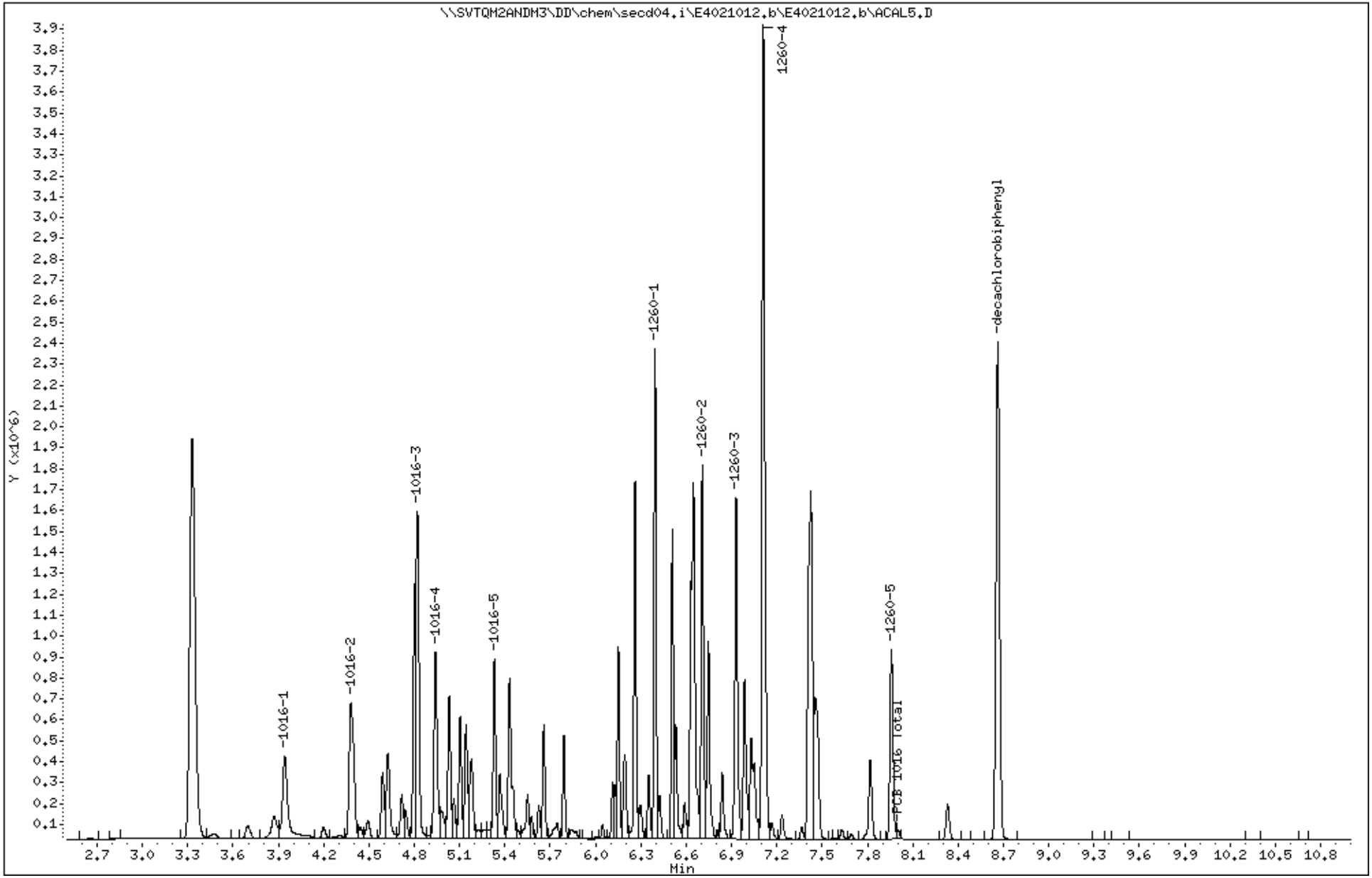
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL5.D
Date : 30-JAN-2012 13:28
Client ID: ACAL5
Sample Info: 44124

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL4.D
Report Date: 14-Feb-2012 15:21

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL4.D
Lab Smp Id: 44125 Client Smp ID: ACAL4
Inj Date : 30-JAN-2012 13:44
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44125
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 10 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.819	3.813	0.006	155768	0.20000	0.20(M)
	2 1016-2	4.232	4.228	0.004	208202	0.20000	0.19(M)
	3 1016-3	4.712	4.708	0.004	503980	0.20000	0.18(M)
	4 1016-4	4.837	4.833	0.004	241871	0.20000	0.18(M)
	5 1016-5	5.272	5.269	0.003	120323	0.20000	0.19(M)
M	6 PCB 1016 Total				1230144	1.00000	0.94
	7 1260-1	6.327	6.326	0.001	1842933	0.20000	0.19(M)
	8 1260-2	6.603	6.603	0.000	1354115	0.20000	0.19(M)
	9 1260-3	6.788	6.788	0.000	1050545	0.20000	0.19(M)
	10 1260-4	7.014	7.014	0.000	3254514	0.20000	0.20(M)
	11 1260-5	7.799	7.800	-0.001	619089	0.20000	0.19
M	12 PCB 1260 Total				8121196	1.00000	0.96
$	45 decachlorobiphenyl	8.314	8.315	-0.001	1913096	0.10000	0.093

QC Flag Legend

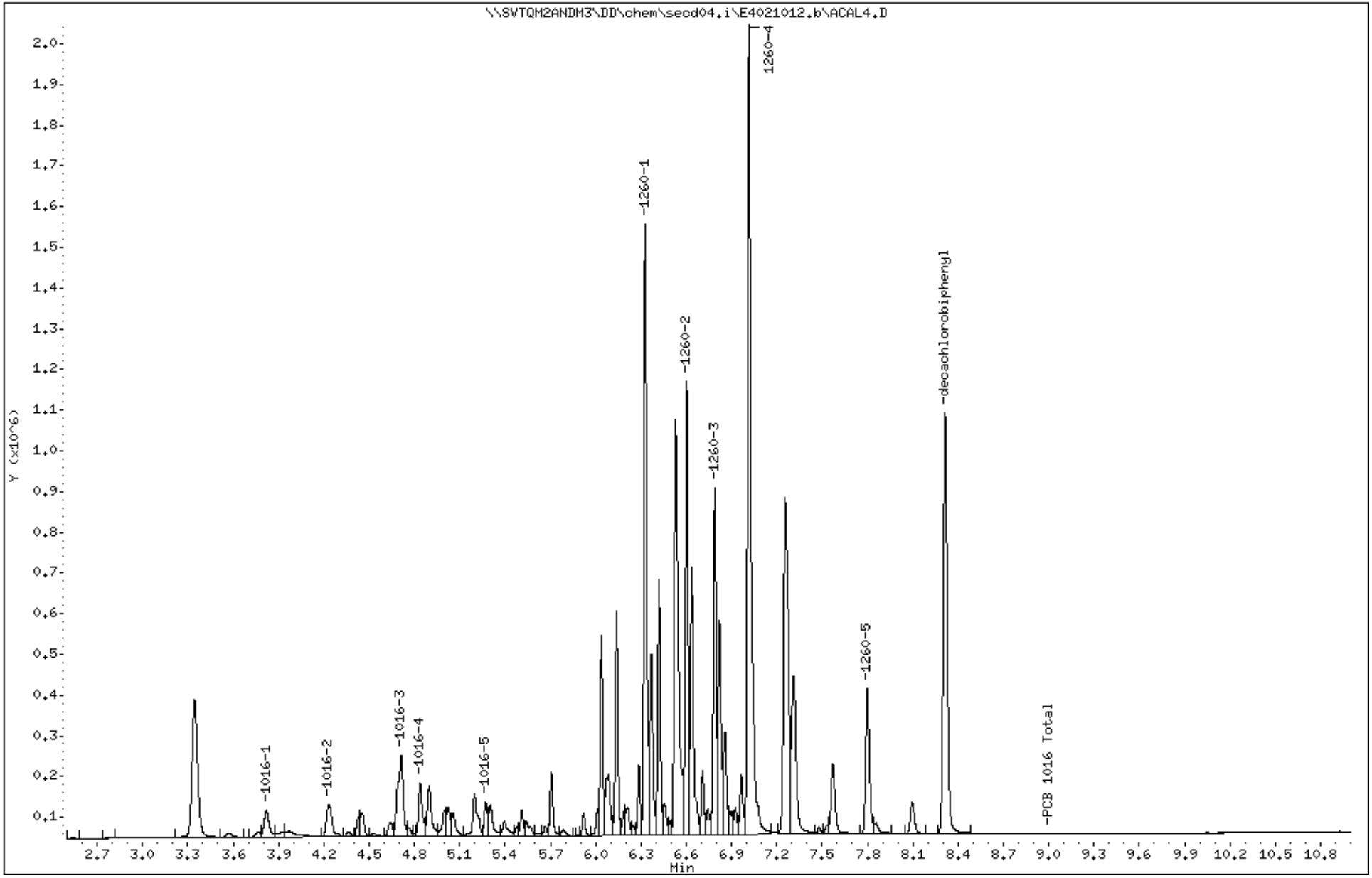
M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL4.D
Date : 30-JAN-2012 13:44
Client ID: ACAL4
Sample Info: 44125

Instrument: secd04.i

Operator: PEL Labs
Column diameter: 0.32

Column phase: STX-CLP1



Data File: ACAL4.D
Report Date: 14-Feb-2012 15:21

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL4.D
Lab Smp Id: 44125 Client Smp ID: ACAL4
Inj Date : 30-JAN-2012 13:44
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44125
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 10 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.941	3.937	0.004	523441	0.20000	0.20(M)
	2 1016-2	4.378	4.375	0.003	714751	0.20000	0.19(M)
	3 1016-3	4.819	4.816	0.003	1109651	0.20000	0.19(M)
	4 1016-4	4.939	4.936	0.003	661557	0.20000	0.20(M)
	5 1016-5	5.330	5.327	0.003	489645	0.20000	0.19(M)
M	6 PCB 1016 Total				3499045	1.00000	
	7 1260-1	6.394	6.391	0.003	1140126	0.20000	0.19
	8 1260-2	6.706	6.705	0.001	942166	0.20000	0.19
	9 1260-3	6.930	6.927	0.003	995015	0.20000	0.19
	10 1260-4	7.110	7.107	0.003	2544426	0.20000	0.20
	11 1260-5	7.959	7.956	0.003	630440	0.20000	0.19
M	12 PCB 1260 Total				6252173	1.00000	
$	45 decachlorobiphenyl	8.663	8.660	0.003	1988040	0.10000	0.098

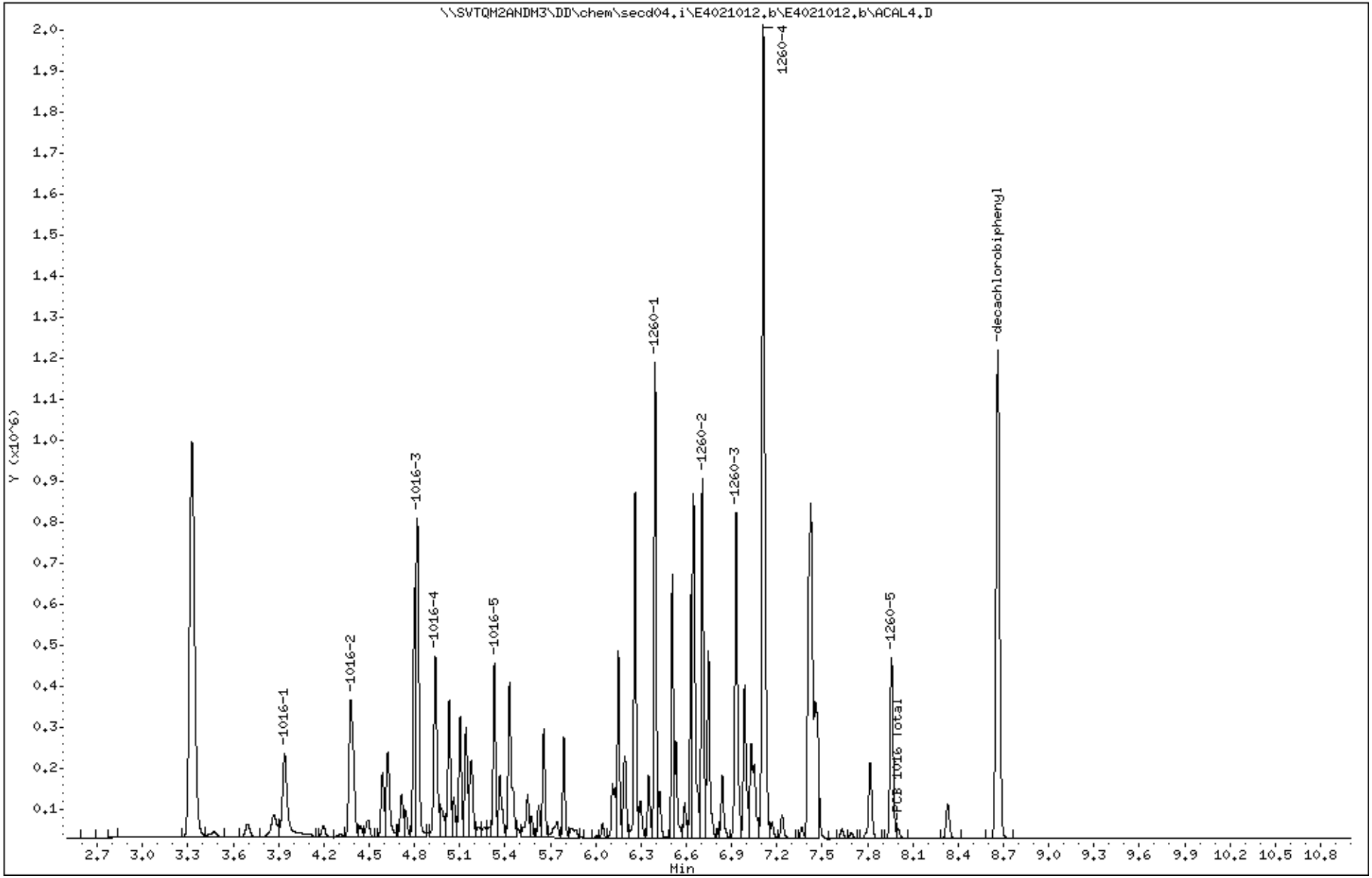
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL4.D
Date : 30-JAN-2012 13:44
Client ID: ACAL4
Sample Info: 44125

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL3.D
Report Date: 14-Feb-2012 15:21

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL3.D
Lab Smp Id: 44593 Client Smp ID: ACAL3
Inj Date : 30-JAN-2012 13:59
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44593
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 11 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.817	3.813	0.004	81882	0.10000	0.10(M)
	2 1016-2	4.231	4.228	0.003	111063	0.10000	0.10(M)
	3 1016-3	4.711	4.708	0.003	266617	0.10000	0.096(M)
	4 1016-4	4.836	4.833	0.003	129236	0.10000	0.097(M)
	5 1016-5	5.271	5.269	0.002	63444	0.10000	0.10(M)
M	6 PCB 1016 Total				652242	0.50000	0.50
	7 1260-1	6.326	6.326	0.000	908449	0.10000	0.095
	8 1260-2	6.602	6.603	-0.001	664026	0.10000	0.095
	9 1260-3	6.788	6.788	0.000	523650	0.10000	0.096
	10 1260-4	7.014	7.014	0.000	1618142	0.10000	0.097
	11 1260-5	7.799	7.800	-0.001	317043	0.10000	0.097
M	12 PCB 1260 Total				4031310	0.50000	0.48
$	45 decachlorobiphenyl	8.313	8.315	-0.002	977472	0.05000	0.048

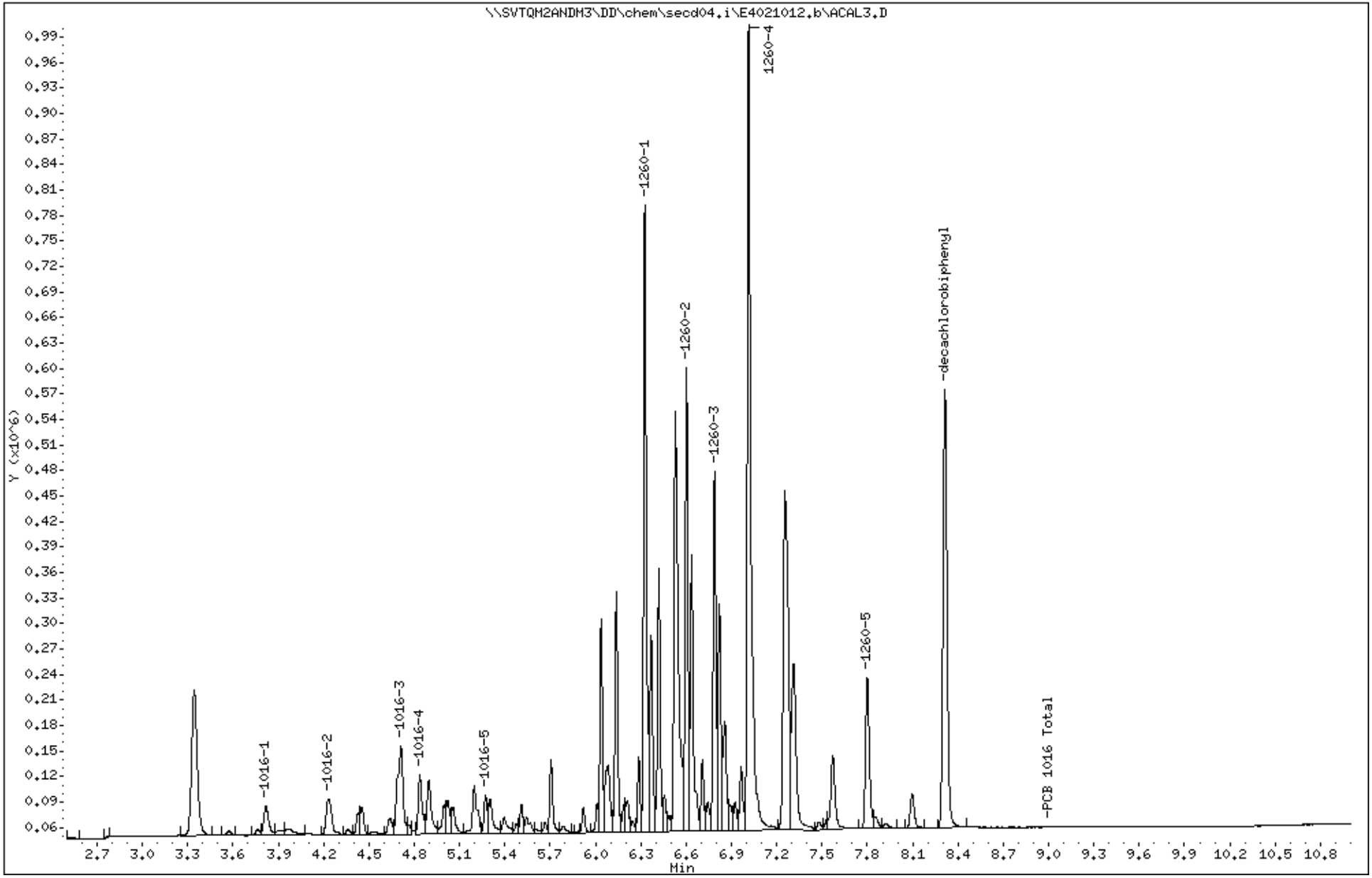
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL3.D
Date : 30-JAN-2012 13:59
Client ID: ACAL3
Sample Info: 44593

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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Data File: ACAL3.D
Report Date: 14-Feb-2012 15:21

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL3.D
Lab Smp Id: 44593 Client Smp ID: ACAL3
Inj Date : 30-JAN-2012 13:59
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44593
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 11 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.940	3.937	0.003	273555	0.10000	0.10(M)
	2 1016-2	4.378	4.375	0.003	369058	0.10000	0.10(M)
	3 1016-3	4.819	4.816	0.003	508104	0.10000	0.088(M)
	4 1016-4	4.939	4.936	0.003	345343	0.10000	0.10(M)
	5 1016-5	5.329	5.327	0.002	250436	0.10000	0.10(M)
M	6 PCB 1016 Total				1746496	0.50000	
	7 1260-1	6.394	6.391	0.003	568377	0.10000	0.098
	8 1260-2	6.706	6.705	0.001	488891	0.10000	0.10
	9 1260-3	6.929	6.927	0.002	501465	0.10000	0.099
	10 1260-4	7.109	7.107	0.002	1276659	0.10000	0.100
	11 1260-5	7.959	7.956	0.003	315532	0.10000	0.098
M	12 PCB 1260 Total				3150924	0.50000	
$	45 decachlorobiphenyl	8.662	8.660	0.002	999045	0.05000	0.050

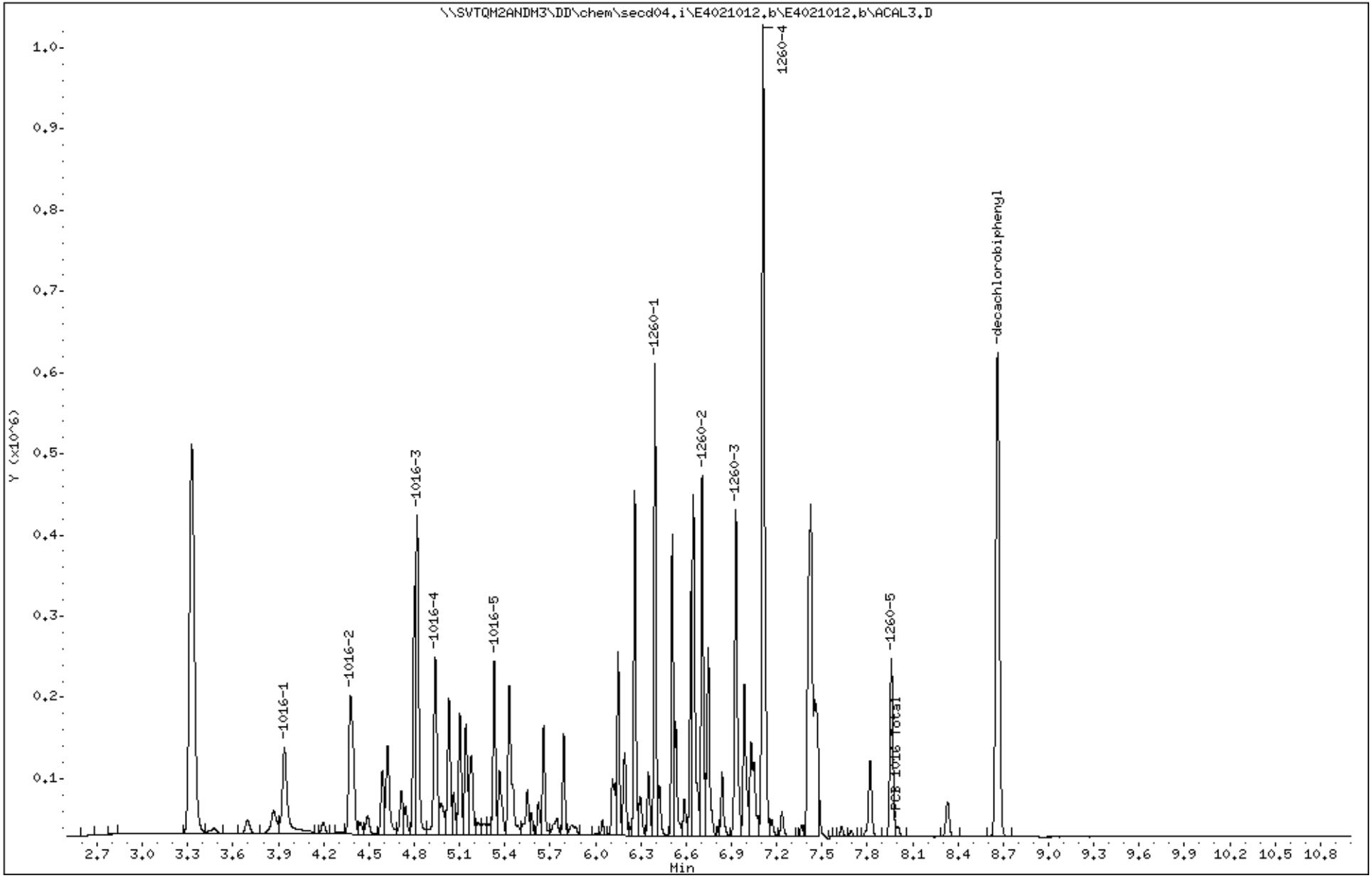
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL3.D
Date : 30-JAN-2012 13:59
Client ID: ACAL3
Sample Info: 44593

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL2.D
Report Date: 14-Feb-2012 15:21

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL2.D
Lab Smp Id: 44127 Client Smp ID: ACAL2
Inj Date : 30-JAN-2012 14:14
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44127
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.819	3.813	0.006	16979	0.02000	0.021(M)
	2 1016-2	4.232	4.228	0.004	23555	0.02000	0.021(M)
	3 1016-3	4.713	4.708	0.005	61358	0.02000	0.022(M)
	4 1016-4	4.838	4.833	0.005	29147	0.02000	0.022(M)
	5 1016-5	5.272	5.269	0.003	13217	0.02000	0.021(M)
M	6 PCB 1016 Total				144256	0.10000	0.11
	7 1260-1	6.326	6.326	0.000	186787	0.02000	0.020(M)
	8 1260-2	6.602	6.603	-0.001	136559	0.02000	0.020(M)
	9 1260-3	6.788	6.788	0.000	109946	0.02000	0.020(M)
	10 1260-4	7.013	7.014	-0.001	323876	0.02000	0.019(M)
	11 1260-5	7.799	7.800	-0.001	68724	0.02000	0.021(M)
M	12 PCB 1260 Total				825892	0.10000	0.100
$	45 decachlorobiphenyl	8.313	8.315	-0.002	214767	0.01000	0.010

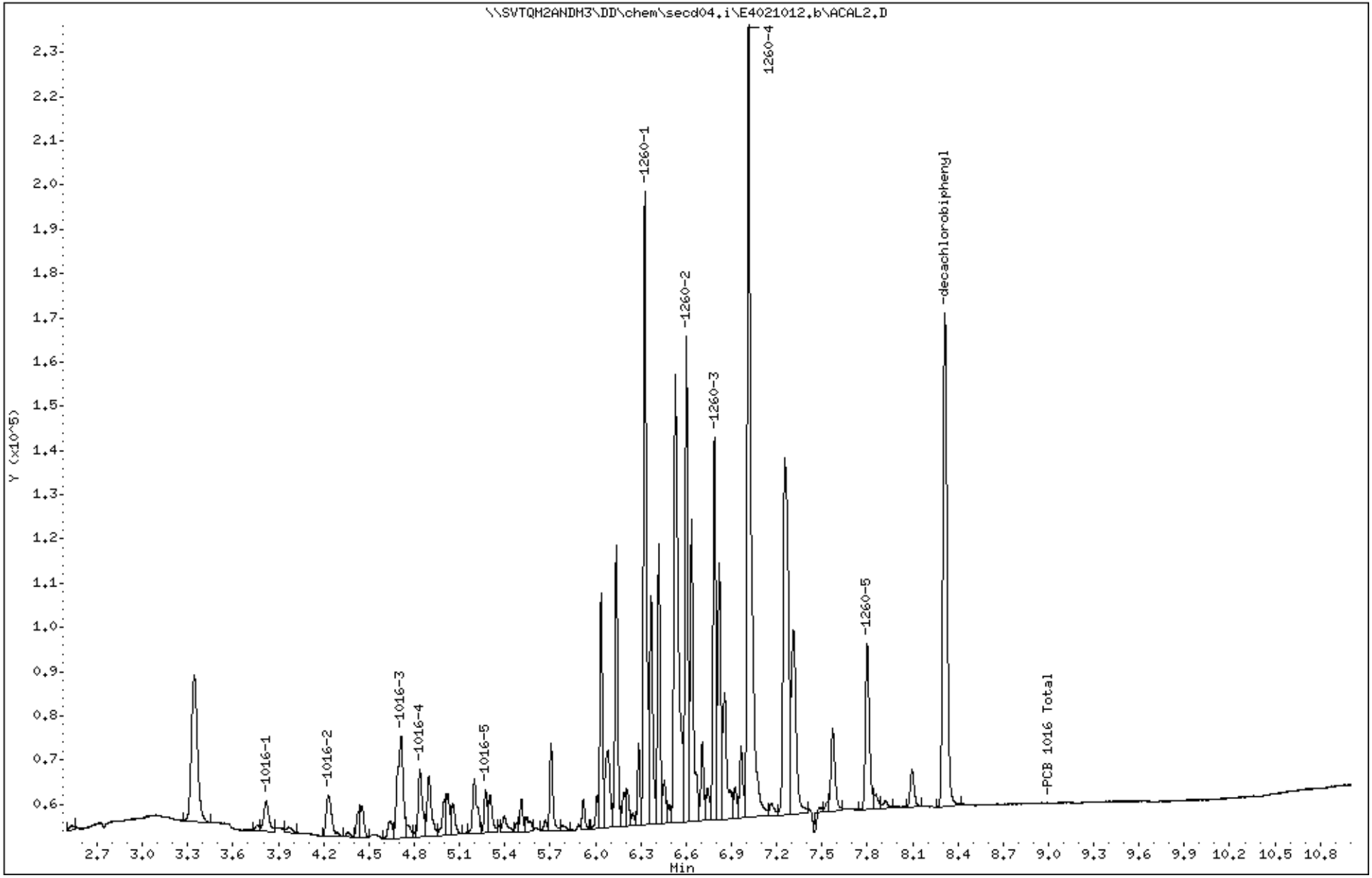
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL2.D
Date : 30-JAN-2012 14:14
Client ID: ACAL2
Sample Info: 44127

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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Data File: ACAL2.D
Report Date: 14-Feb-2012 15:21

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL2.D
Lab Smp Id: 44127 Client Smp ID: ACAL2
Inj Date : 30-JAN-2012 14:14
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44127
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.940	3.937	0.003	53383	0.02000	0.020(M)
	2 1016-2	4.378	4.375	0.003	77513	0.02000	0.021(M)
	3 1016-3	4.819	4.816	0.003	118779	0.02000	0.021(MH)
	4 1016-4	4.939	4.936	0.003	73930	0.02000	0.022(M)
	5 1016-5	5.330	5.327	0.003	53931	0.02000	0.022(M)
M	6 PCB 1016 Total				377536	0.10000	
	7 1260-1	6.393	6.391	0.002	118597	0.02000	0.020(M)
	8 1260-2	6.706	6.705	0.001	99900	0.02000	0.021(M)
	9 1260-3	6.930	6.927	0.003	104076	0.02000	0.020(M)
	10 1260-4	7.110	7.107	0.003	252401	0.02000	0.020(M)
	11 1260-5	7.959	7.956	0.003	64220	0.02000	0.020(M)
M	12 PCB 1260 Total				639194	0.10000	
$	45 decachlorobiphenyl	8.663	8.660	0.003	207077	0.01000	0.010

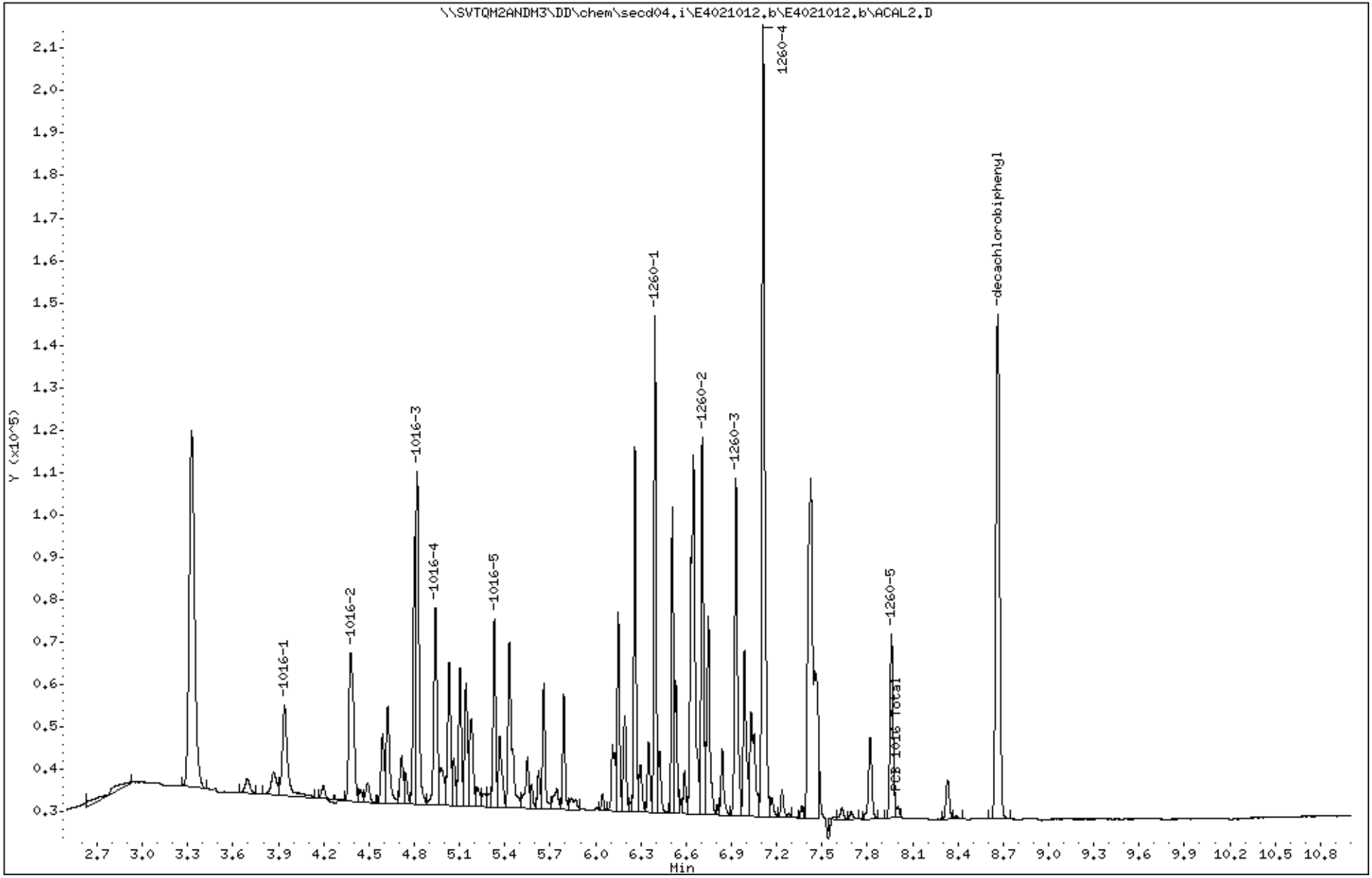
QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL2.D
Date : 30-JAN-2012 14:14
Client ID: ACAL2
Sample Info: 44127

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL1.D
Report Date: 14-Feb-2012 15:21

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL1.D
Lab Smp Id: 44128 Client Smp ID: ACAL1
Inj Date : 30-JAN-2012 14:29
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44128
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 13 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.817	3.813	0.004	4483	0.00600	0.0056
	2 1016-2	4.229	4.228	0.001	7588	0.00600	0.0068(M)
	3 1016-3	4.712	4.708	0.004	19684	0.00600	0.0071(M)
	4 1016-4	4.837	4.833	0.004	9555	0.00600	0.0072(M)
	5 1016-5	5.272	5.269	0.003	4363	0.00600	0.0069
M	6 PCB 1016 Total				45673	0.03000	0.034
	7 1260-1	6.327	6.326	0.001	57821	0.00600	0.0060(M)
	8 1260-2	6.602	6.603	-0.001	42523	0.00600	0.0061(M)
	9 1260-3	6.787	6.788	-0.001	33402	0.00600	0.0061(M)
	10 1260-4	7.013	7.014	-0.001	98257	0.00600	0.0059(M)
	11 1260-5	7.798	7.800	-0.002	21165	0.00600	0.0065(M)
M	12 PCB 1260 Total				253168	0.03000	0.031
$	45 decachlorobiphenyl	8.313	8.315	-0.002	69653	0.00300	0.0034

QC Flag Legend

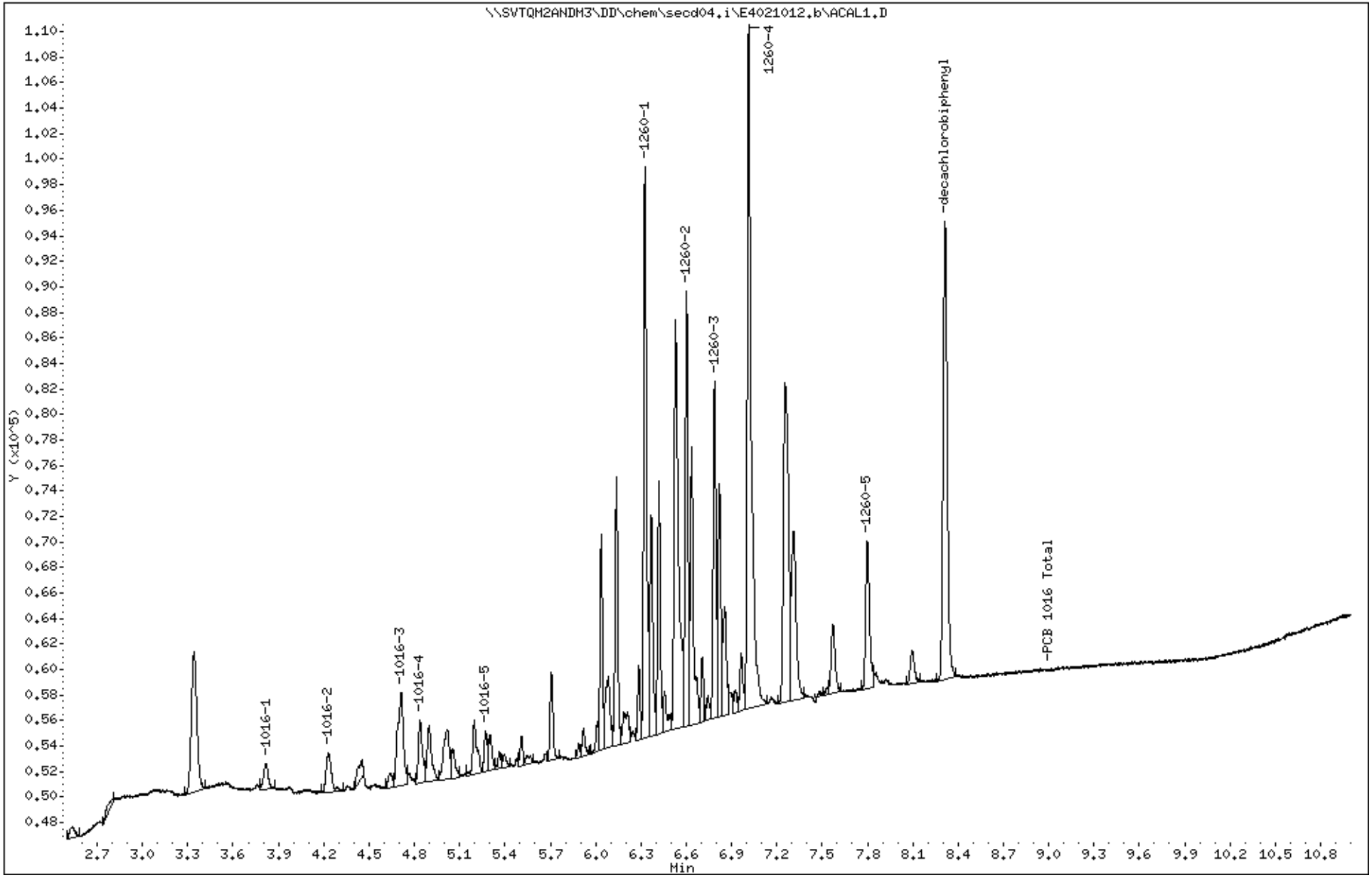
M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL1.D
Date : 30-JAN-2012 14:29
Client ID: ACAL1
Sample Info: 44128

Instrument: secd04.i

Operator: PEL Labs
Column diameter: 0.32

Column phase: STX-CLP1



Data File: ACAL1.D
Report Date: 14-Feb-2012 15:21

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL1.D
Lab Smp Id: 44128 Client Smp ID: ACAL1
Inj Date : 30-JAN-2012 14:29
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44128
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 13 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.940	3.937	0.003	17100	0.00600	0.0064(M)
	2 1016-2	4.377	4.375	0.002	23767	0.00600	0.0064(M)
	3 1016-3	4.819	4.816	0.003	37800	0.00600	0.0067(M)
	4 1016-4	4.939	4.936	0.003	30231	0.00600	0.0088(M)
	5 1016-5	5.329	5.327	0.002	18788	0.00600	0.0074(M)
M	6 PCB 1016 Total				127686	0.03000	
	7 1260-1	6.394	6.391	0.003	37753	0.00600	0.0065(M)
	8 1260-2	6.707	6.705	0.002	31408	0.00600	0.0064(M)
	9 1260-3	6.930	6.927	0.003	32621	0.00600	0.0064(M)
	10 1260-4	7.110	7.107	0.003	77282	0.00600	0.0060(M)
	11 1260-5	7.960	7.956	0.004	20483	0.00600	0.0064(M)
M	12 PCB 1260 Total				199547	0.03000	
$	45 decachlorobiphenyl	8.663	8.660	0.003	65653	0.00300	0.0032

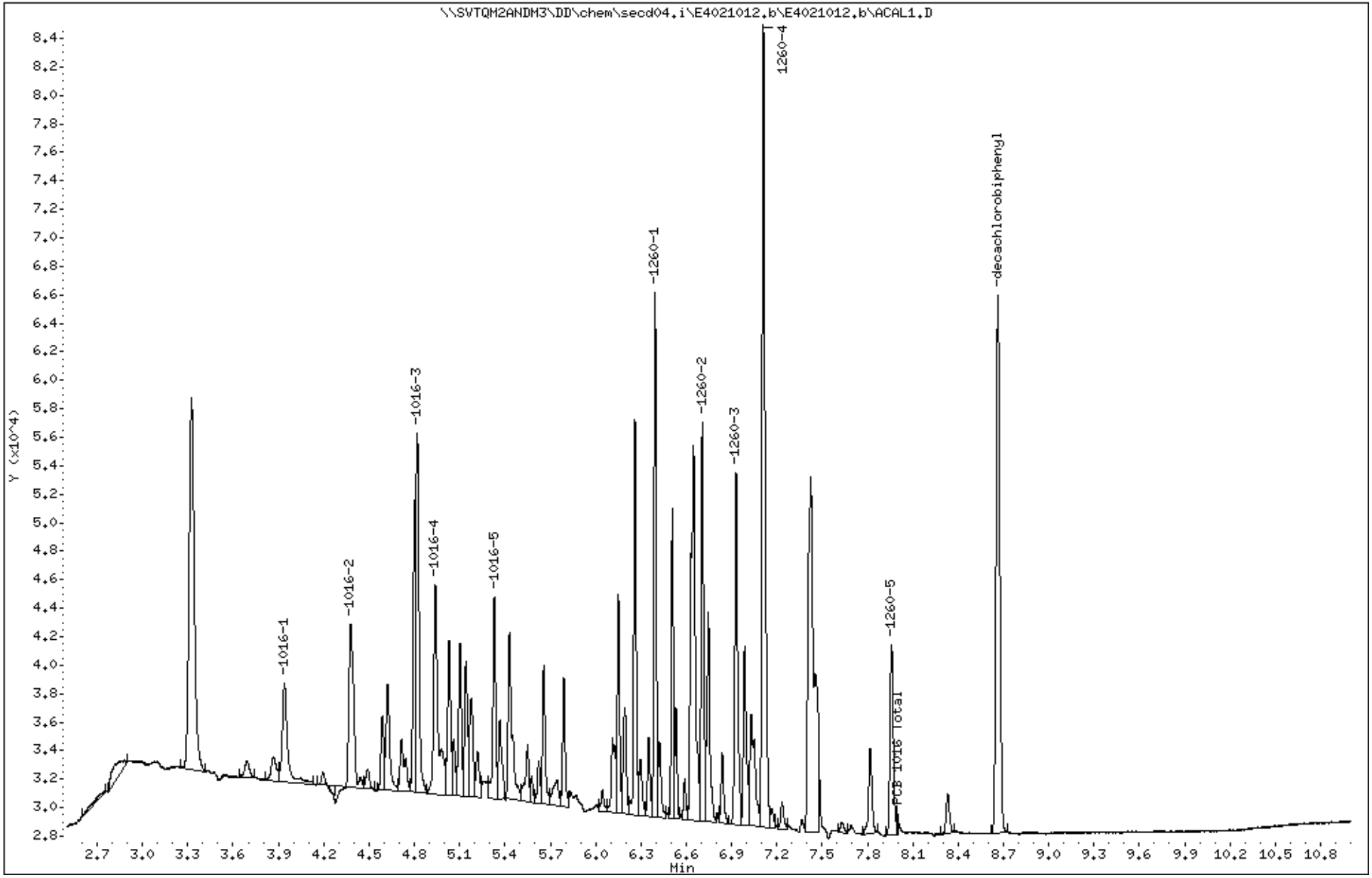
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL1.D
Date : 30-JAN-2012 14:29
Client ID: ACAL1
Sample Info: 44128

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ASEC.D
Report Date: 14-Feb-2012 15:21

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ASEC.D
Lab Smp Id: 43164 Client Smp ID: ASEC
Inj Date : 30-JAN-2012 14:44
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 43164
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 14 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (1/(Vo/1000)*Vf) * CpndVariable

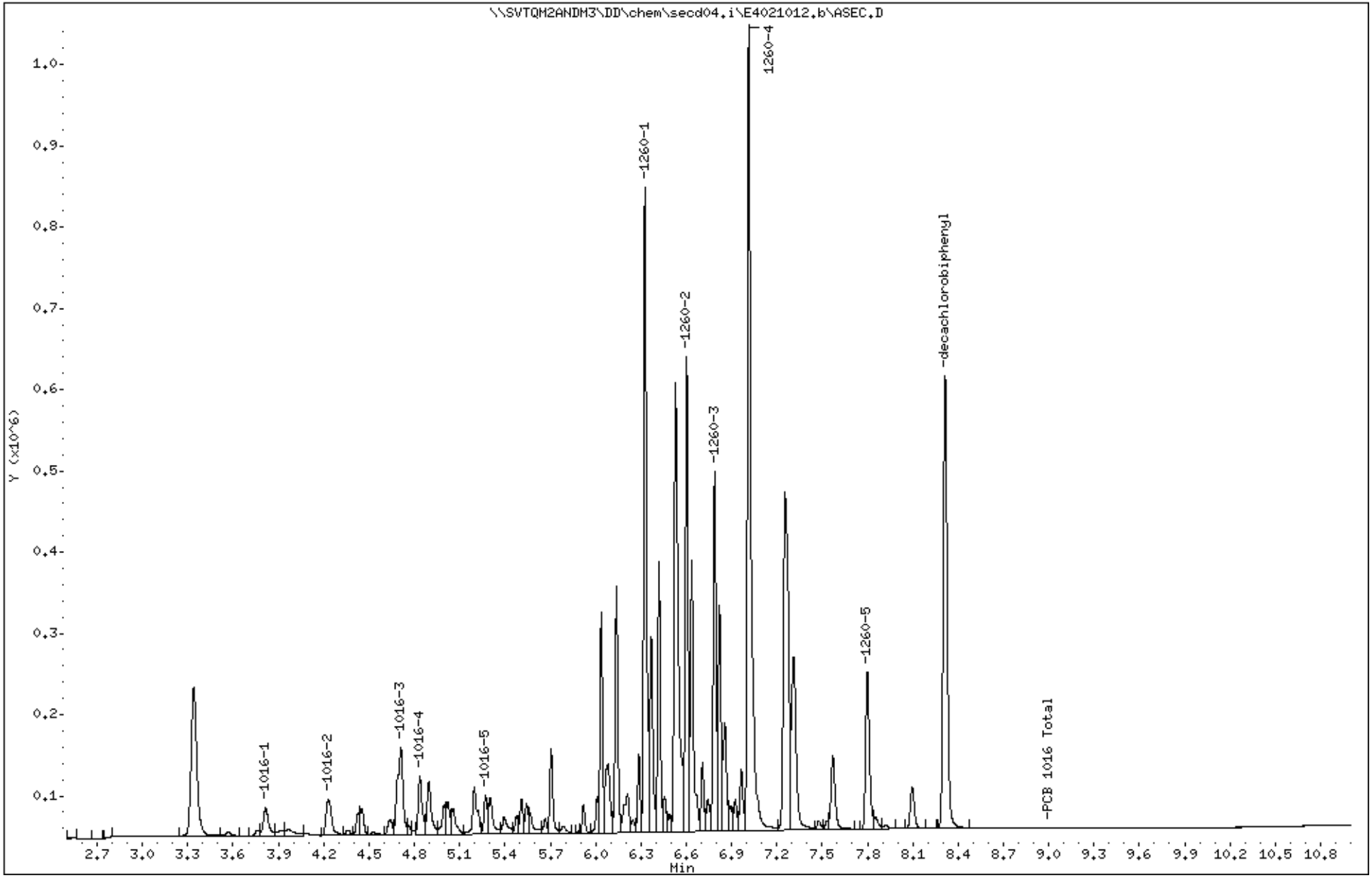
Name	Value	Description
DF	1.000	Dilution Factor
Vo	1000.000	Volume of sample extracted (mL)
Vf	10.000	final vol of sample
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.816	3.813	0.003	83782	0.10000	0.10(M)
	2 1016-2	4.231	4.228	0.003	113325	0.10000	0.10(M)
	3 1016-3	4.711	4.708	0.003	276634	0.10000	0.100(M)
	4 1016-4	4.836	4.833	0.003	134007	0.10000	0.10(M)
	5 1016-5	5.271	5.269	0.002	67920	0.10000	0.11(M)
M	6 PCB 1016 Total				675668	0.50000	0.52
	7 1260-1	6.326	6.326	0.000	987794	0.10000	0.10
	8 1260-2	6.602	6.603	-0.001	706828	0.10000	0.10
	9 1260-3	6.787	6.788	-0.001	549873	0.10000	0.10
	10 1260-4	7.014	7.014	0.000	1670615	0.10000	0.10
	11 1260-5	7.799	7.800	-0.001	347144	0.10000	0.11
M	12 PCB 1260 Total				4262254	0.50000	0.51
$	45 decachlorobiphenyl	8.314	8.315	-0.001	1044906	0.05000	0.051

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ASEC.D
Date : 30-JAN-2012 14:44
Client ID: ASEC
Instrument: secd04.i
Sample Info: 43164
Volume Injected (uL): 5.0
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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Data File: ASEC.D
Report Date: 14-Feb-2012 15:21

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ASEC.D
Lab Smp Id: 43164 Client Smp ID: ASEC
Inj Date : 30-JAN-2012 14:44
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 43164
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 14 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (1/(Vo/1000)*Vf) * CpndVariable

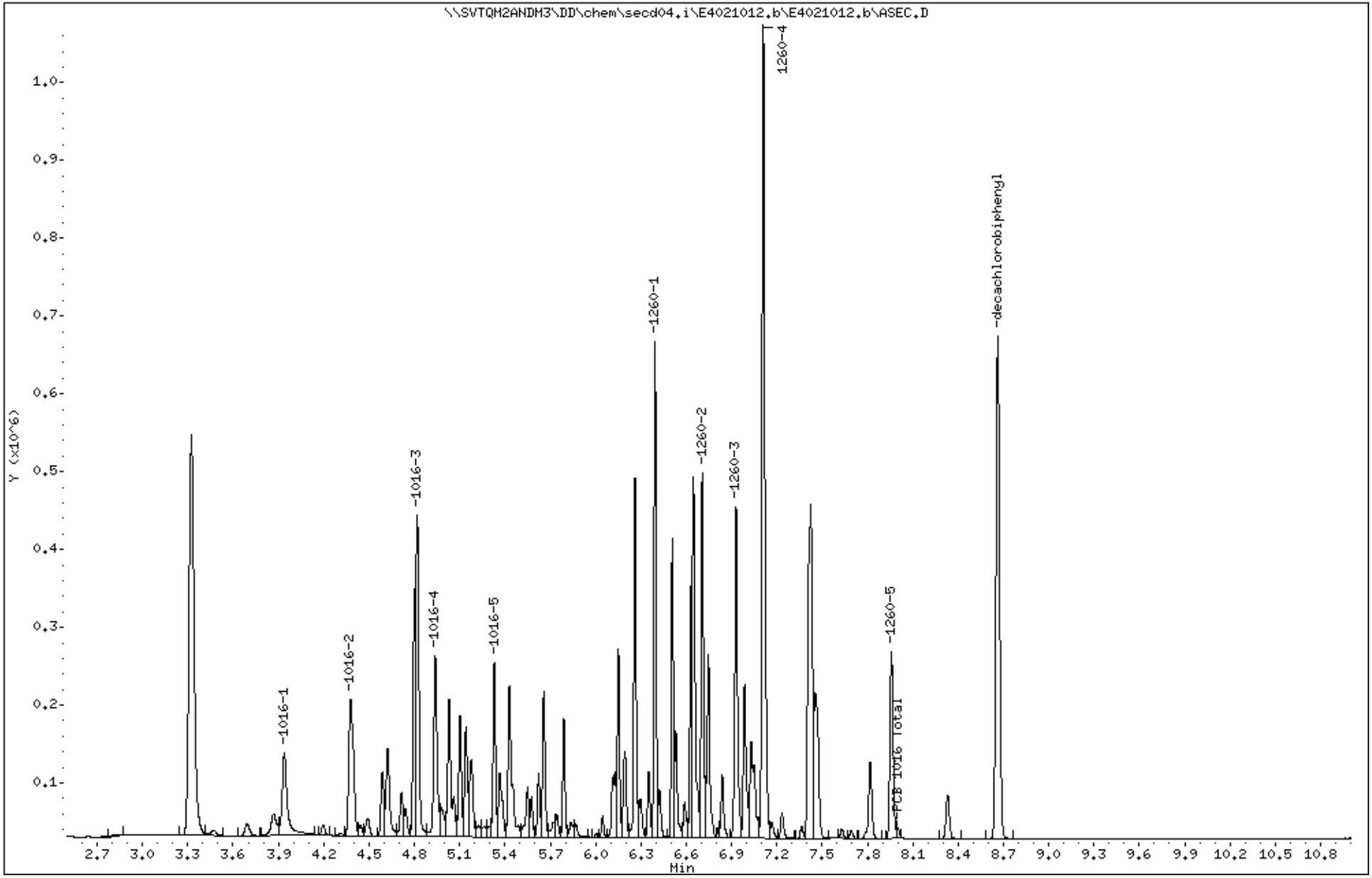
Name	Value	Description
DF	1.000	Dilution Factor
Vo	1000.000	Volume of sample extracted (mL)
Vf	10.000	final vol of sample
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.939	3.937	0.002	273452	0.10000	0.10(M)
	2 1016-2	4.376	4.375	0.001	388989	0.10000	0.10
	3 1016-3	4.819	4.816	0.003	531541	0.10000	0.092
	4 1016-4	4.938	4.936	0.002	361062	0.10000	0.097
	5 1016-5	5.329	5.327	0.002	262248	0.10000	0.099
M	6 PCB 1016 Total				1817292	0.50000	0.49
	7 1260-1	6.393	6.391	0.002	615554	0.10000	0.10
	8 1260-2	6.706	6.705	0.001	504514	0.10000	0.10
	9 1260-3	6.930	6.927	0.003	531373	0.10000	0.10
	10 1260-4	7.110	7.107	0.003	1328128	0.10000	0.10
	11 1260-5	7.958	7.956	0.002	346479	0.10000	0.11(M)
M	12 PCB 1260 Total				3326048	0.50000	0.52
$	45 decachlorobiphenyl	8.663	8.660	0.003	1080836	0.05000	0.053

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ASEC.D
Date : 30-JAN-2012 14:44
Client ID: ASEC
Instrument: secd04.i
Sample Info: 43164
Volume Injected (uL): 5.0
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACCV1.D
Report Date: 14-Feb-2012 15:21

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACCV1.D
Lab Smp Id: 44593 Client Smp ID: ACCV1
Inj Date : 10-FEB-2012 11:30
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44593
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

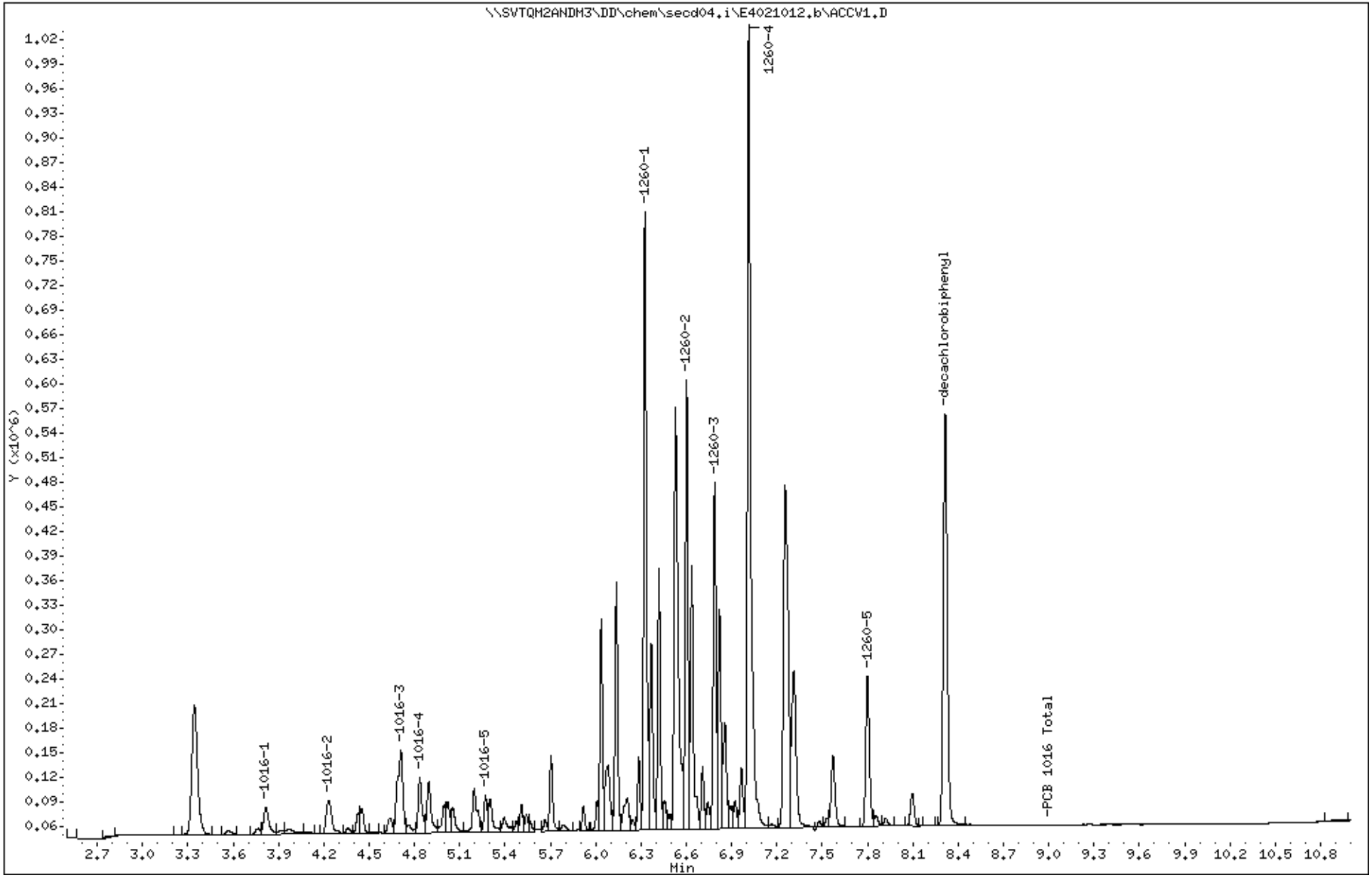
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.816	3.813	0.003	82172	0.10000	0.10(M)
	2 1016-2	4.231	4.228	0.003	105905	0.10000	0.096(M)
	3 1016-3	4.711	4.708	0.003	257201	0.10000	0.093(M)
	4 1016-4	4.835	4.833	0.002	122452	0.10000	0.092(M)
	5 1016-5	5.271	5.269	0.002	61447	0.10000	0.097(M)
M	6 PCB 1016 Total				629177	0.50000	0.48
	7 1260-1	6.326	6.326	0.000	934414	0.10000	0.098(M)
	8 1260-2	6.602	6.603	-0.001	666541	0.10000	0.095(M)
	9 1260-3	6.787	6.788	-0.001	531429	0.10000	0.097(M)
	10 1260-4	7.014	7.014	0.000	1581170	0.10000	0.095(M)
	11 1260-5	7.800	7.800	0.000	311597	0.10000	0.095
M	12 PCB 1260 Total				4025151	0.50000	0.48
$	45 decachlorobiphenyl	8.314	8.315	-0.001	938815	0.05000	0.046

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACCV1.D
Date : 10-FEB-2012 11:30
Client ID: ACCV1
Instrument: secd04.i
Sample Info: 44593
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: ACCV1.D
Report Date: 14-Feb-2012 15:21

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACCV1.D
Lab Smp Id: 44593 Client Smp ID: ACCV1
Inj Date : 10-FEB-2012 11:30
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44593
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.940	3.937	0.003	270968	0.10000	0.10
	2 1016-2	4.376	4.375	0.001	388883	0.10000	0.10(M)
	3 1016-3	4.817	4.816	0.001	520529	0.10000	0.090(M)
	4 1016-4	4.938	4.936	0.002	343269	0.10000	0.092(M)
	5 1016-5	5.328	5.327	0.001	256804	0.10000	0.097(M)
M	6 PCB 1016 Total				1780453	0.50000	0.48
	7 1260-1	6.392	6.391	0.001	587995	0.10000	0.100(M)
	8 1260-2	6.704	6.705	-0.001	495134	0.10000	0.10(M)
	9 1260-3	6.927	6.927	0.000	501371	0.10000	0.097(M)
	10 1260-4	7.108	7.107	0.001	1294075	0.10000	0.10(M)
	11 1260-5	7.956	7.956	0.000	288598	0.10000	0.089(M)
M	12 PCB 1260 Total				3167173	0.50000	0.49
$	45 decachlorobiphenyl	8.659	8.660	-0.001	914446	0.05000	0.044

QC Flag Legend

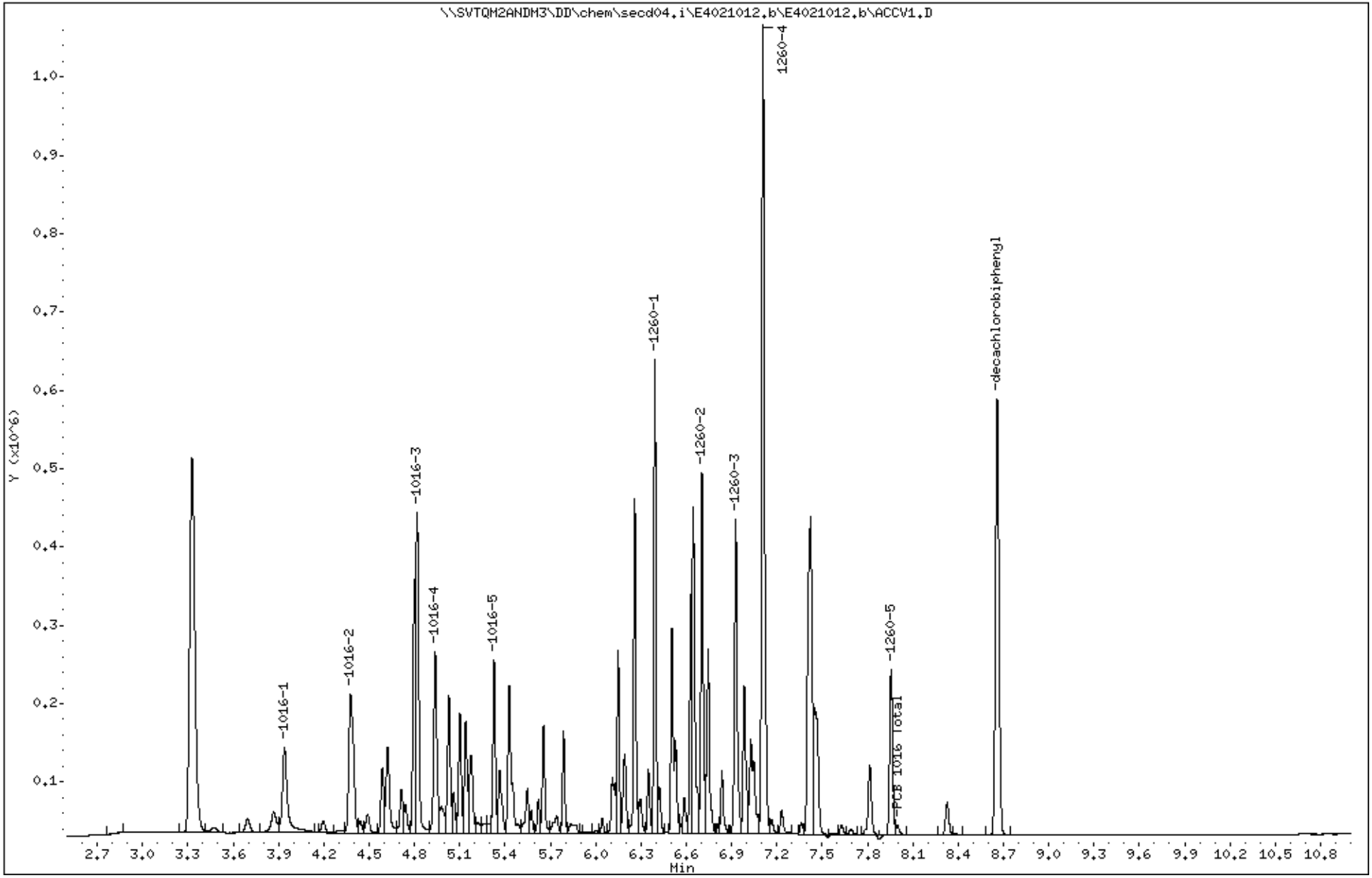
M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACCV1.D
Date : 10-FEB-2012 11:30
Client ID: ACCV1
Sample Info: 44593

Instrument: secd04.i

Operator: PEL Labs
Column diameter: 0.32

Column phase: STX-CLP2



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3505176

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8240MB.D
Report Date: 14-Feb-2012 15:21

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METHOD 8082

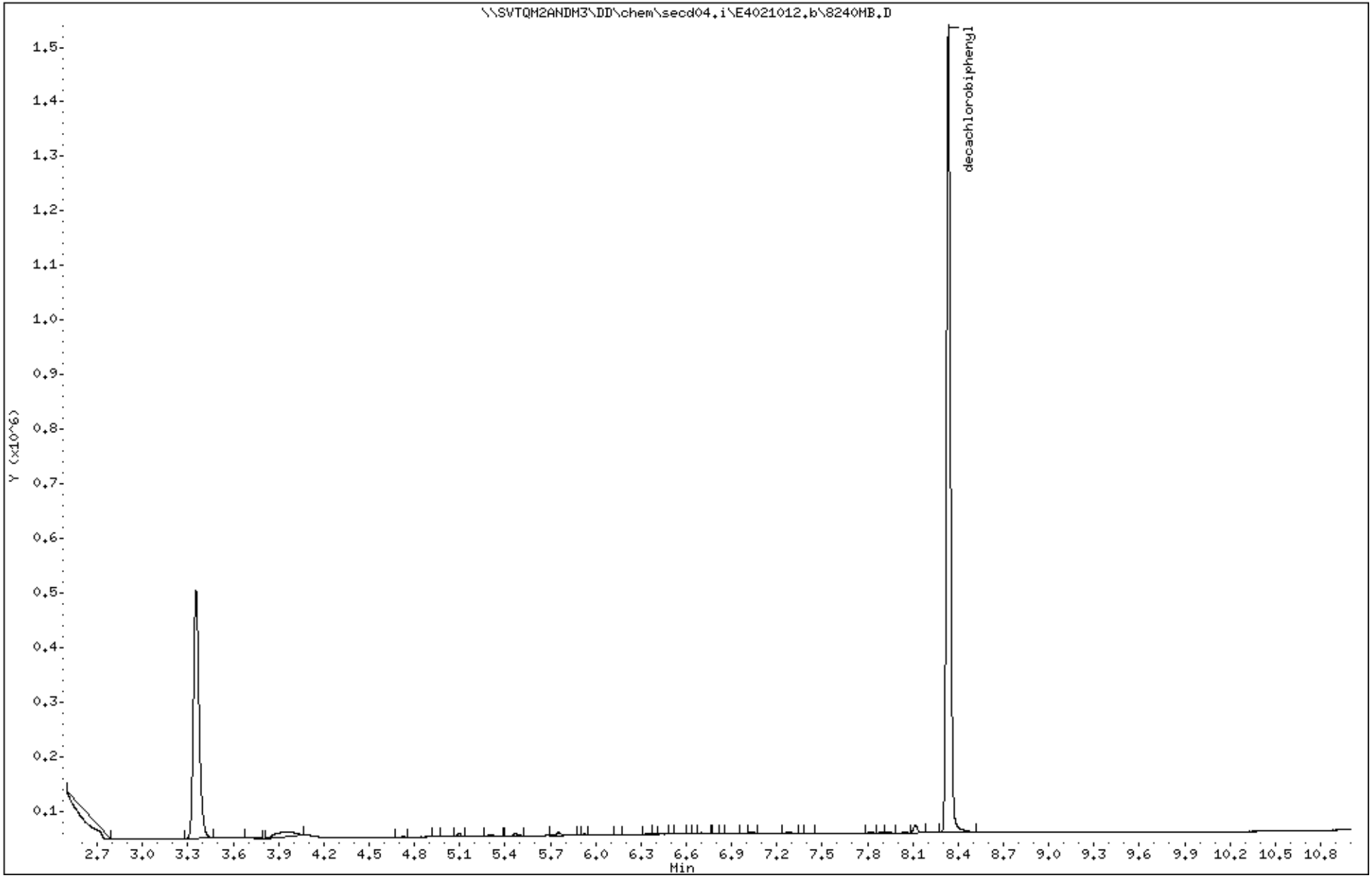
Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8240MB.D
Lab Smp Id: 116346MB Client Smp ID: 116346MB
Inj Date : 10-FEB-2012 12:56
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a116346mb
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pall.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol.of extract
Wp	1.000	Wipe
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/ml)	(ug/Kg)
$ 45 decachlorobiphenyl	8.335	8.315	0.020	2677385	0.13074	1.3

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8240MB.D
Date : 10-FEB-2012 12:56
Client ID: 116346MB
Instrument: secd04.i
Sample Info: a116346mb
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: 8240MB.D
Report Date: 14-Feb-2012 15:21

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METHOD 8082

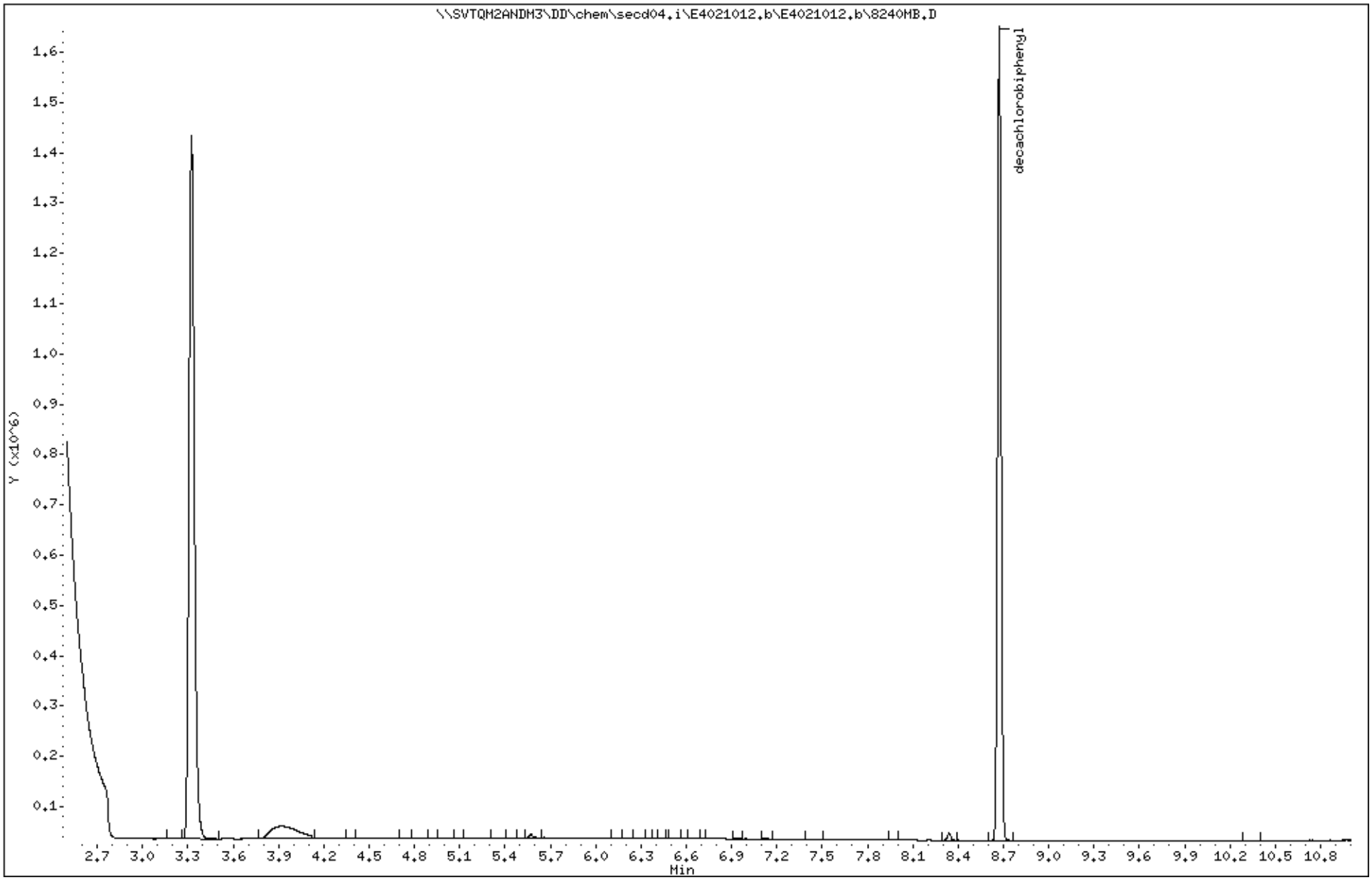
Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\8240MB.D
Lab Smp Id: 116346MB Client Smp ID: 116346MB
Inj Date : 10-FEB-2012 12:56
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a116346mb
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pall.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol.of extract
Wp	1.000	Wipe
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/ml)	(ug/Kg)
$ 45 decachlorobiphenyl	8.672	8.660	0.012	2662500	0.12978	1.3

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\8240MB.D
Date : 10-FEB-2012 12:56
Client ID: 116346MB
Instrument: secd04.i
Sample Info: a116346mb
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8240LCS.D
Report Date: 14-Feb-2012 15:21

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8240LCS.D
Lab Smp Id: 116347LCS Client Smp ID: 116347LCS
Inj Date : 10-FEB-2012 13:11
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a116347lcs
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 6 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

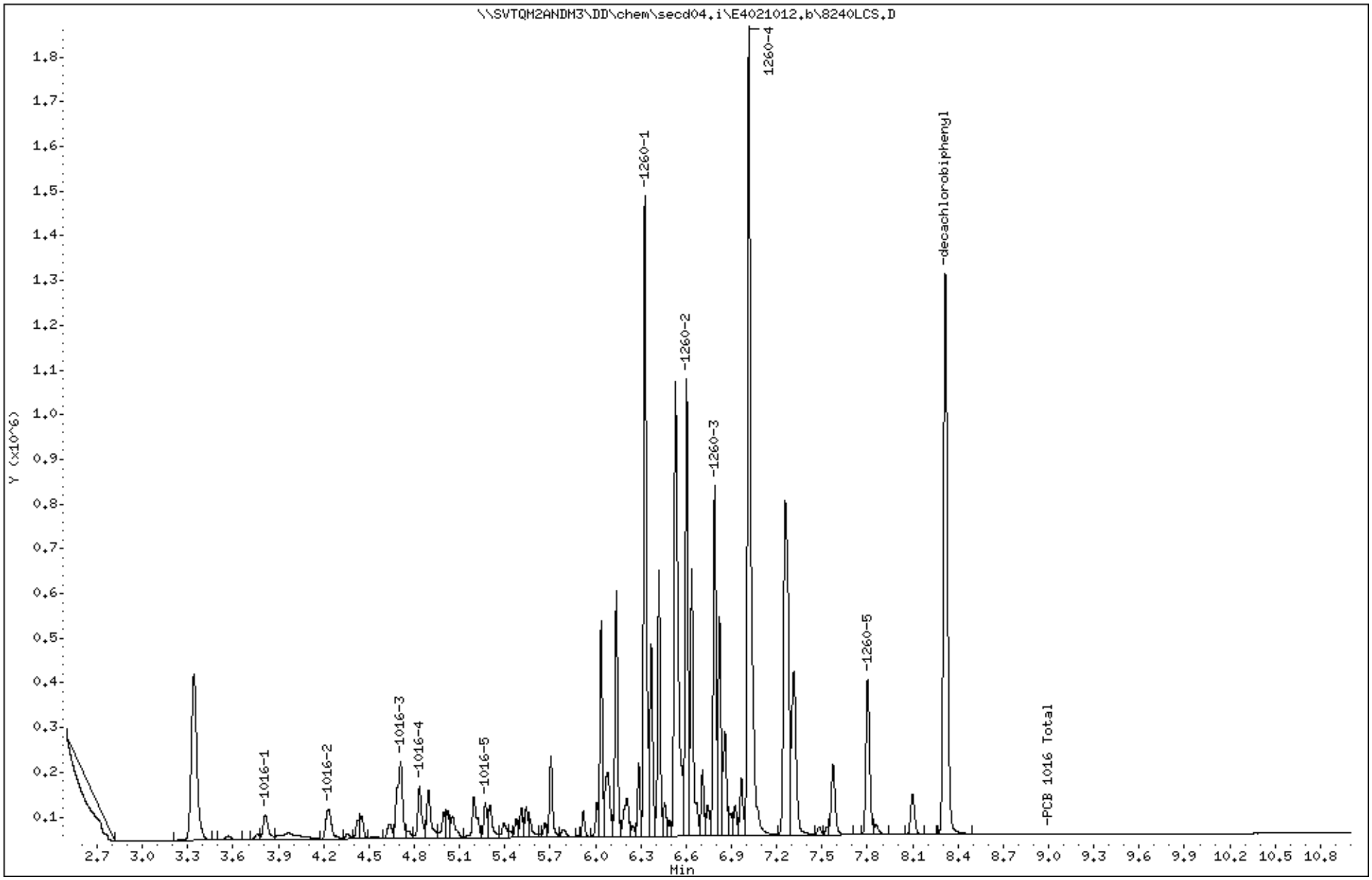
	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
1	1016-1	3.813	3.813	0.000	136138	0.17082	1.7
2	1016-2	4.228	4.228	0.000	176675	0.15946	1.6
3	1016-3	4.708	4.708	0.000	434503	0.15649	1.6
4	1016-4	4.833	4.833	0.000	214825	0.16194	1.6
5	1016-5	5.269	5.269	0.000	106128	0.16803	1.7
M 6	PCB 1016 Total				1068269	0.81674	8.2
7	1260-1	6.326	6.326	0.000	1760762	0.18437	1.8
8	1260-2	6.603	6.603	0.000	1238772	0.17743	1.8
9	1260-3	6.788	6.788	0.000	973165	0.17833	1.8
10	1260-4	7.014	7.014	0.000	2950093	0.17714	1.8
11	1260-5	7.801	7.800	0.001	600756	0.18354	1.8
M 12	PCB 1260 Total				7523548	0.90082	9.0
$ 45	decachlorobiphenyl	8.315	8.315	0.000	2343418	0.11443	1.1

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8240LCS.D
Date : 10-FEB-2012 13:11
Client ID: 116347LCS
Sample Info: a116347lcs

Instrument: secd04.i

Operator: PEL Labs
Column diameter: 0.32

Column phase: STX-CLP1



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Data File: 8240LCS.D
Report Date: 14-Feb-2012 15:21

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\8240LCS.D
Lab Smp Id: 116347LCS Client Smp ID: 116347LCS
Inj Date : 10-FEB-2012 13:11
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a116347lcs
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 6 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
1	1016-1	3.936	3.937	-0.001	559519	0.20792	2.1
2	1016-2	4.373	4.375	-0.002	688478	0.18414	1.8
3	1016-3	4.815	4.816	-0.001	1031377	0.17857	1.8
4	1016-4	4.935	4.936	-0.001	622252	0.16772	1.7
5	1016-5	5.326	5.327	-0.001	462145	0.17522	1.8
M 6	PCB 1016 Total				3363771	0.91358	9.1
7	1260-1	6.391	6.391	0.000	1137340	0.19313	1.9
8	1260-2	6.703	6.705	-0.002	928123	0.18840	1.9(M)
9	1260-3	6.927	6.927	0.000	937155	0.18194	1.8(M)
10	1260-4	7.108	7.107	0.001	2420266	0.18925	1.9(M)
11	1260-5	7.956	7.956	0.000	597088	0.18397	1.8
M 12	PCB 1260 Total				6019972	0.93668	9.4
$ 45	decachlorobiphenyl	8.659	8.660	-0.001	2366829	0.11537	1.2

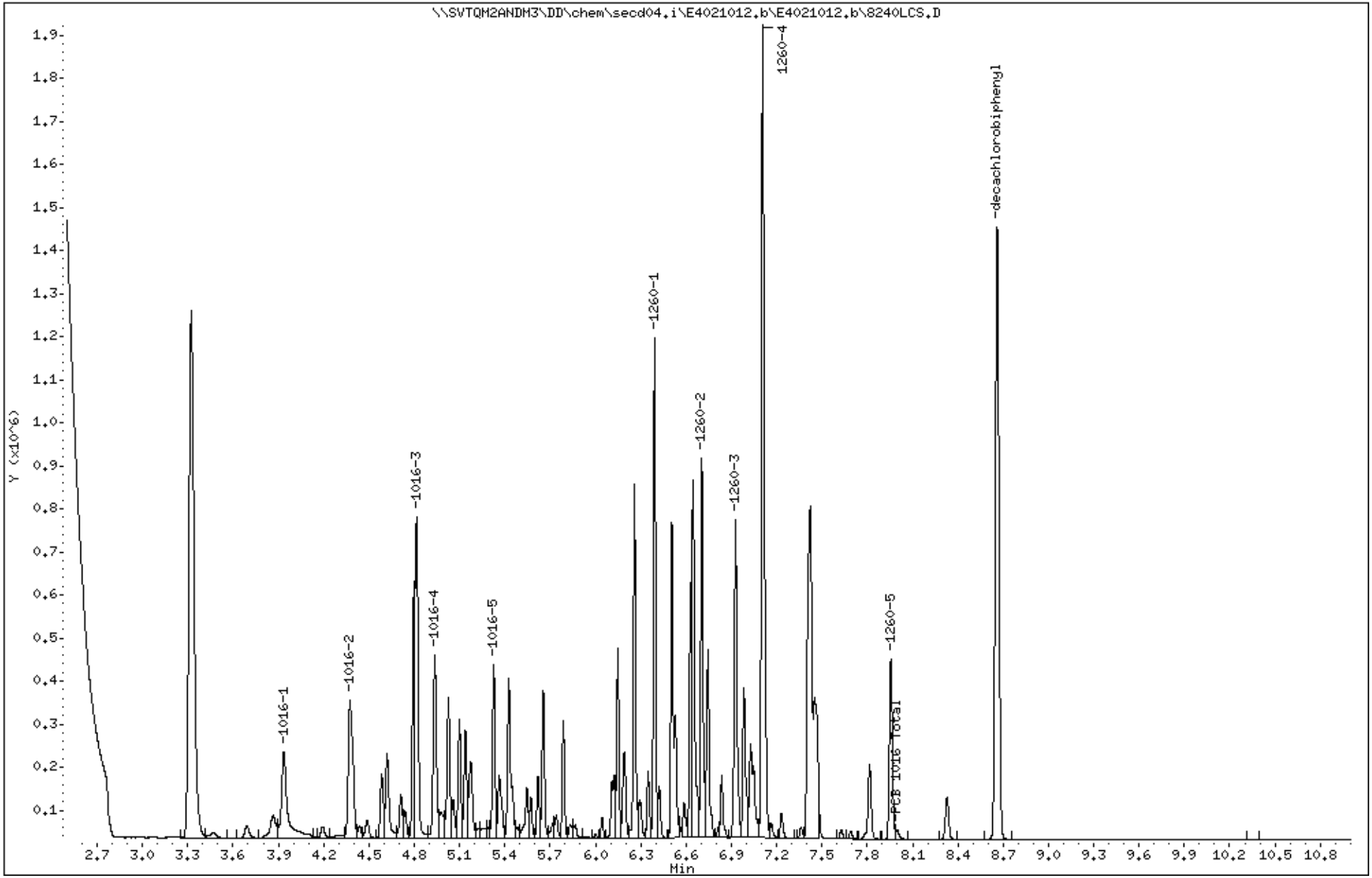
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\8240LCS.D
Date : 10-FEB-2012 13:11
Client ID: 116347LCS
Sample Info: a116347lcs

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8240LCSD.D
Report Date: 14-Feb-2012 15:21

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8240LCSD.D
Lab Smp Id: 116348LCSD Client Smp ID: 116348LCSD
Inj Date : 10-FEB-2012 13:27
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a116348lcsd
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 7 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

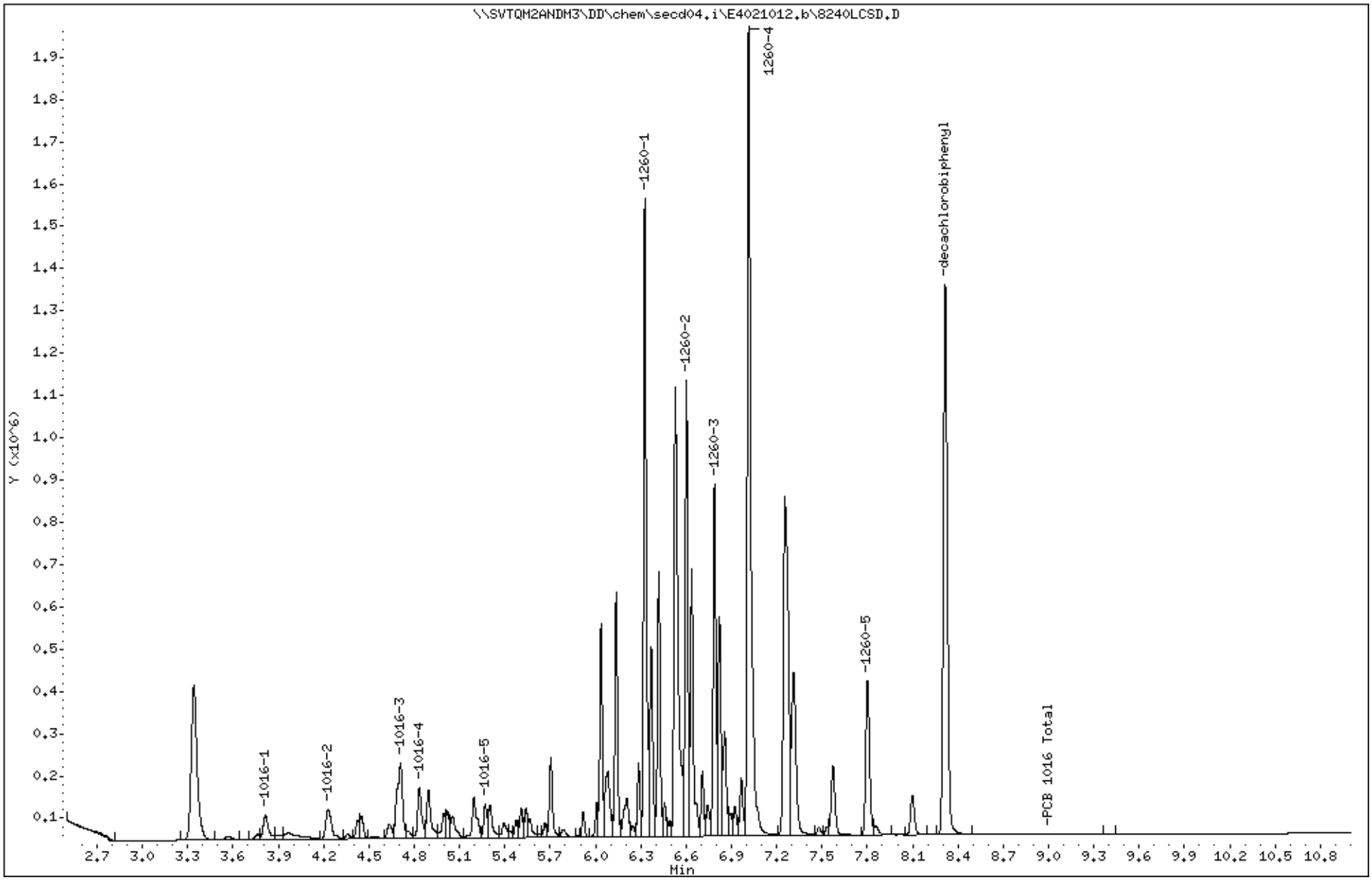
	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	1 1016-1	3.814	3.813	0.001	147254	0.18476	1.8
	2 1016-2	4.229	4.228	0.001	186456	0.16829	1.7
	3 1016-3	4.709	4.708	0.001	458524	0.16514	1.6
	4 1016-4	4.834	4.833	0.001	225193	0.16976	1.7
	5 1016-5	5.269	5.269	0.000	112126	0.17753	1.8
M	6 PCB 1016 Total				1129553	0.86548	8.6
	7 1260-1	6.326	6.326	0.000	1860264	0.19479	1.9
	8 1260-2	6.603	6.603	0.000	1309421	0.18755	1.9
	9 1260-3	6.788	6.788	0.000	1032197	0.18915	1.9
	10 1260-4	7.014	7.014	0.000	3126376	0.18772	1.9
	11 1260-5	7.800	7.800	0.000	635798	0.19425	1.9
M	12 PCB 1260 Total				7964056	0.95346	9.5
$	45 decachlorobiphenyl	8.316	8.315	0.001	2405330	0.11745	1.2

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8240LCSD.D
Date : 10-FEB-2012 13:27
Client ID: 116348LCSD
Sample Info: a116348lcsd

Instrument: secd04.i

Operator: PEL Labs
Column diameter: 0.32

Column phase: STX-CLP1



Data File: 8240LCSD.D
Report Date: 14-Feb-2012 15:21

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\8240LCSD.D
Lab Smp Id: 116348LCSD Client Smp ID: 116348LCSD
Inj Date : 10-FEB-2012 13:27
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a116348lcsd
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 7 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	1 1016-1	3.937	3.937	0.000	587822	0.21844	2.2
	2 1016-2	4.374	4.375	-0.001	730409	0.19535	2.0
	3 1016-3	4.816	4.816	0.000	1103823	0.19112	1.9(M)
	4 1016-4	4.936	4.936	0.000	661153	0.17821	1.8
	5 1016-5	5.327	5.327	0.000	487288	0.18476	1.8
M	6 PCB 1016 Total				3570495	0.96787	9.7
	7 1260-1	6.392	6.391	0.001	1215479	0.20640	2.1
	8 1260-2	6.704	6.705	-0.001	985029	0.19995	2.0(M)
	9 1260-3	6.928	6.927	0.001	1013936	0.19684	2.0(M)
	10 1260-4	7.108	7.107	0.001	2590479	0.20256	2.0
	11 1260-5	7.956	7.956	0.000	658087	0.20276	2.0
M	12 PCB 1260 Total				6463010	1.00851	10.1
$	45 decachlorobiphenyl	8.660	8.660	0.000	2432377	0.11857	1.2

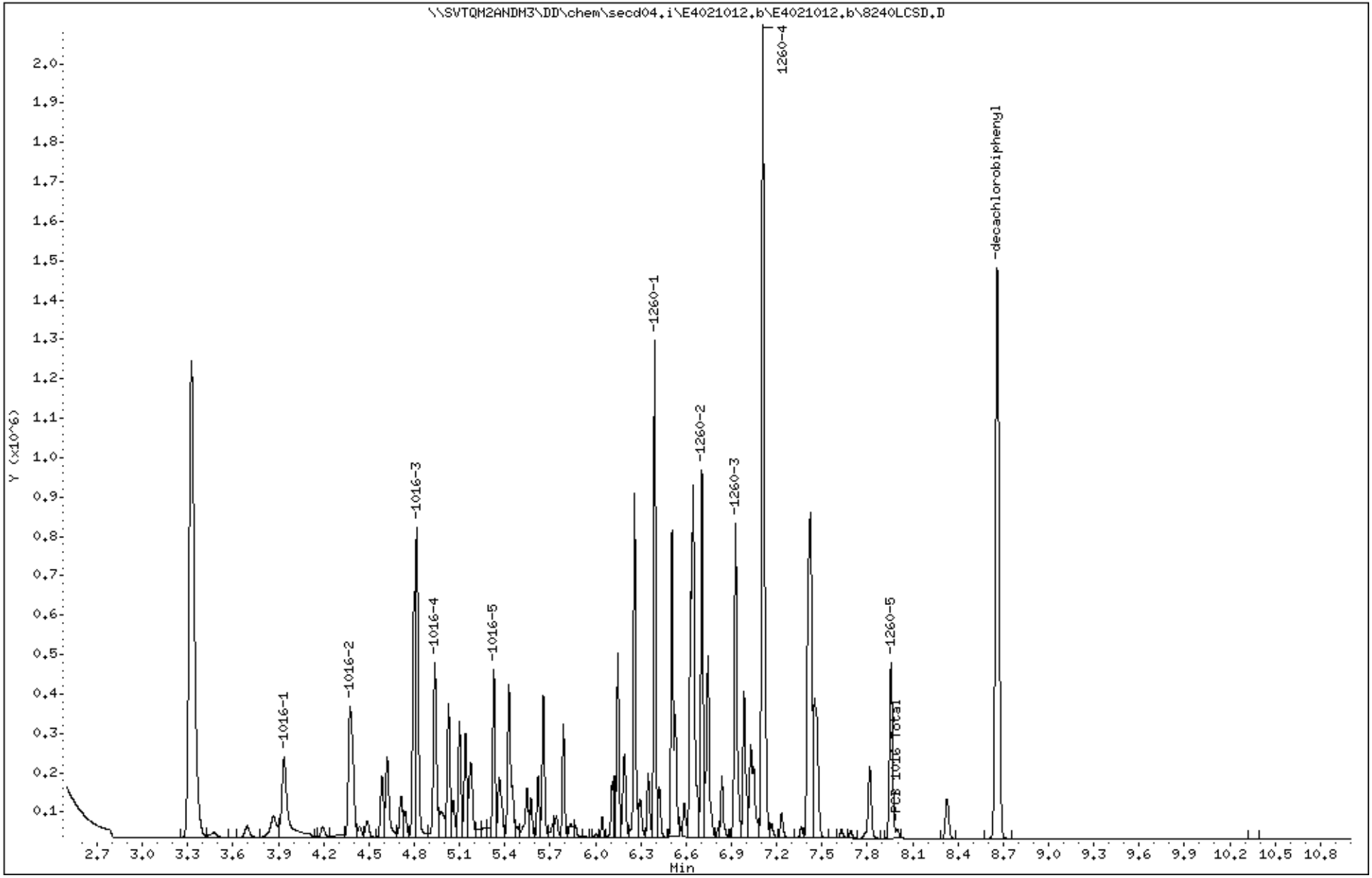
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\8240LCSD.D
Date : 10-FEB-2012 13:27
Client ID: 116348LCSD
Sample Info: a116348lcsd

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\17601.D
Report Date: 14-Feb-2012 15:21

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\17601.D
Lab Smp Id: 350517601 Client Smp ID: JM22-QCWIPE3-020912
Inj Date : 10-FEB-2012 14:04
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a350517601
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pall.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
7	1260-1	6.336	6.326	0.010	8929422	0.93502	9.4(A)
8	1260-2	6.612	6.603	0.009	7477217	1.07099	10.7(A)
9	1260-3	6.798	6.788	0.010	5746190	1.05297	10.5(A)
10	1260-4	7.026	7.014	0.012	19401442	1.16497	11.6(A)
11	1260-5	7.814	7.800	0.014	4038253	1.23376	12.3(A)
M 12	PCB 1260 Total				45592524	5.45770	54.6
$ 45	decachlorobiphenyl	8.331	8.315	0.016	1609029	0.07857	0.78

QC Flag Legend

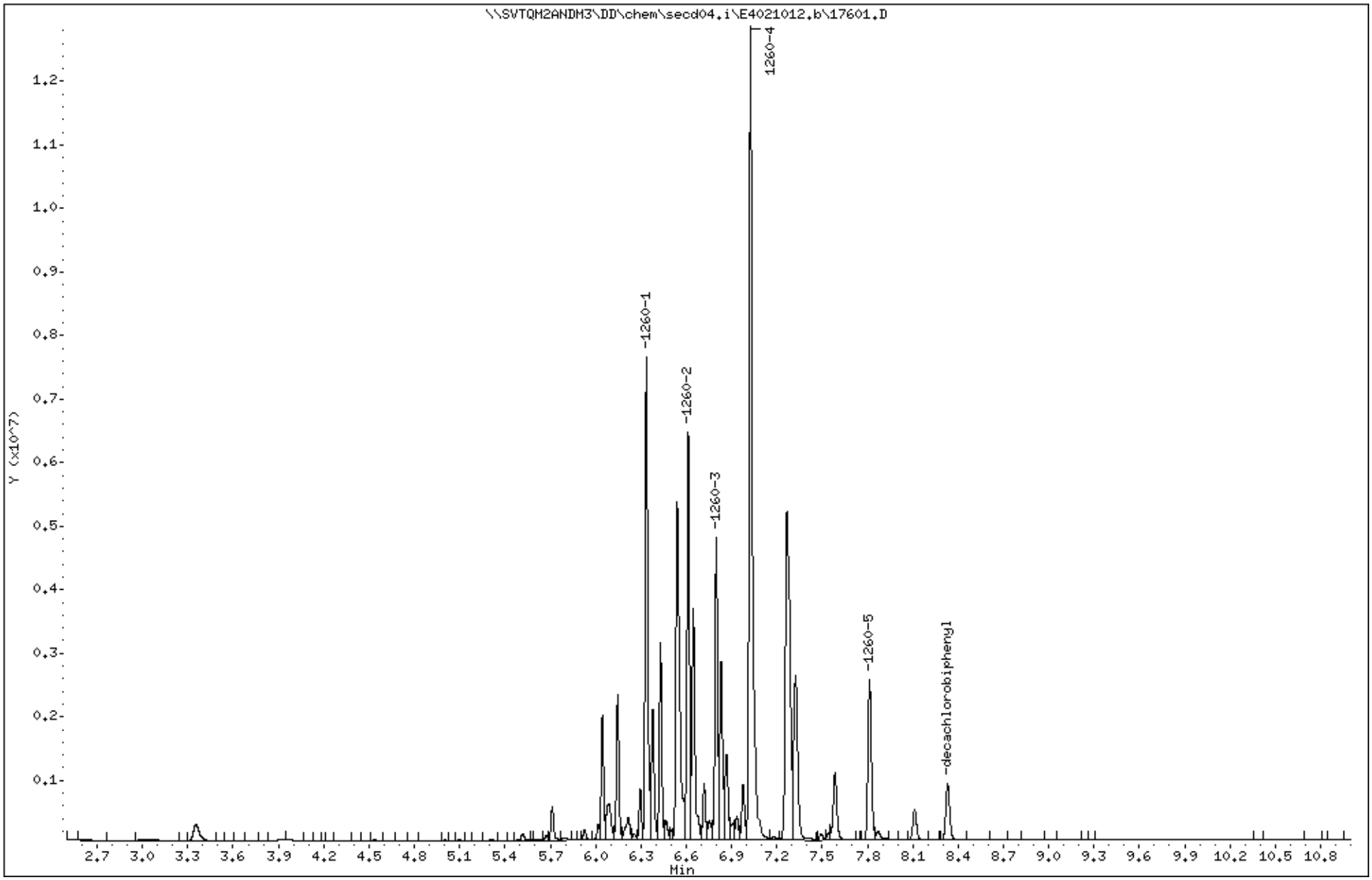
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\17601.D
Date : 10-FEB-2012 14:04
Client ID: JM22-QCWIPE3-020912
Sample Info: a350517601

Instrument: secd04.i

Operator: PEL Labs
Column diameter: 0.32

Column phase: STX-CLP1



Data File: 17601.D
Report Date: 14-Feb-2012 15:21

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\17601.D
Lab Smp Id: 350517601 Client Smp ID: JM22-QCWIPE3-020912
Inj Date : 10-FEB-2012 14:04
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a350517601
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pall.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

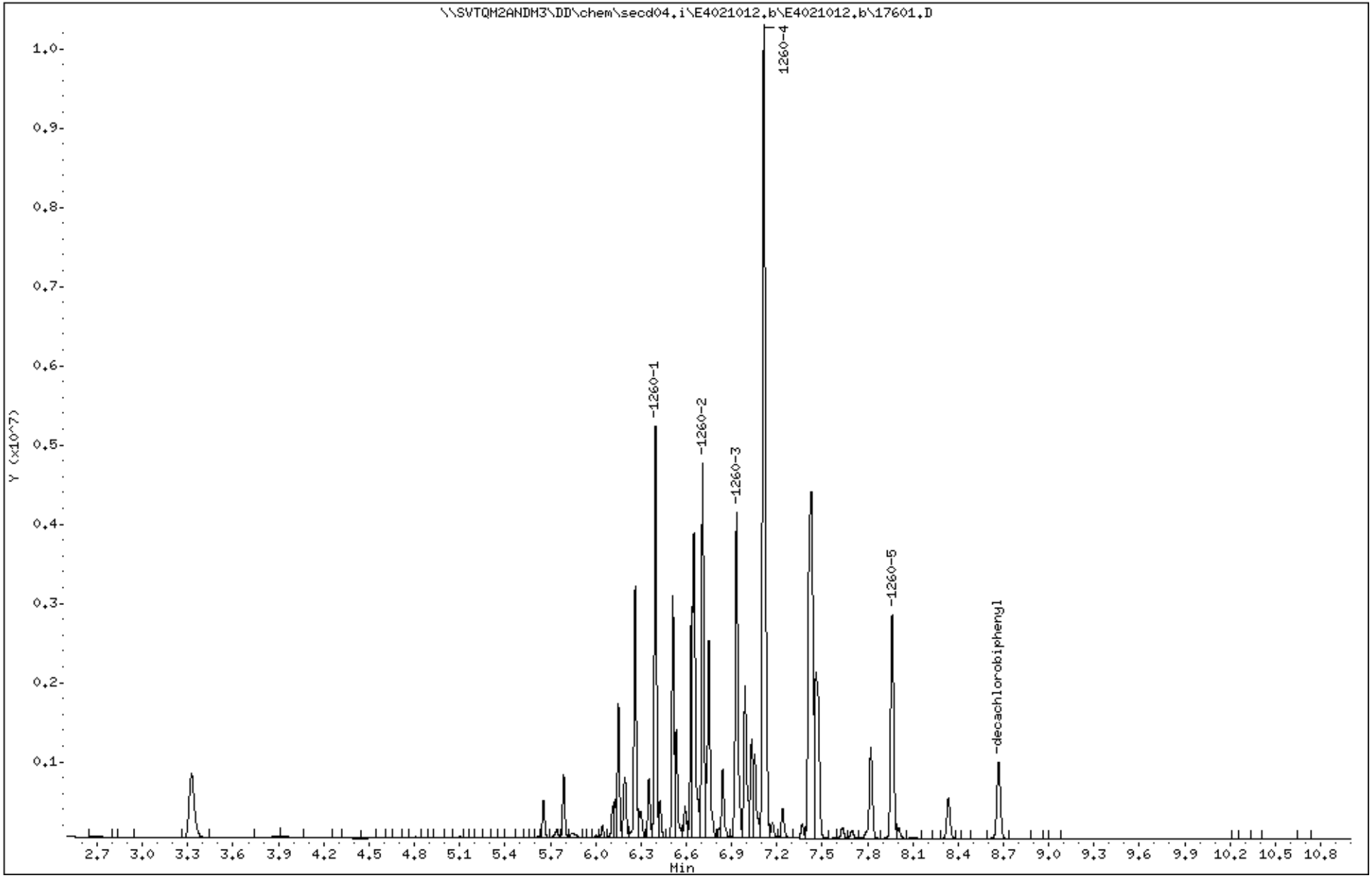
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
7	1260-1	6.396	6.391	0.005	5162244	0.87658	8.8(A)
8	1260-2	6.708	6.705	0.003	4991927	1.01332	10.1(A)
9	1260-3	6.932	6.927	0.005	5106495	0.99135	9.9(A)
10	1260-4	7.113	7.107	0.006	13413531	1.04884	10.5(A)
11	1260-5	7.963	7.956	0.007	3996452	1.23135	12.3(A)
M 12	PCB 1260 Total				32670649	5.16145	51.6
$ 45	decachlorobiphenyl	8.668	8.660	0.008	1576945	0.07687	0.77

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\17601.D
Date : 10-FEB-2012 14:04
Client ID: JM22-QCWIPE3-020912
Instrument: secd04.i
Sample Info: a350517601
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\17601D5.D
Report Date: 14-Feb-2012 15:21

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\17601D5.D
Lab Smp Id: 350517601DL1 Client Smp ID: JM22-QCWIPE3-020912
Inj Date : 10-FEB-2012 14:25
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a350517601DL1
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 9
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: pall.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
7	1260-1	6.332	6.326	0.006	1607373	0.16831	8.4
8	1260-2	6.609	6.603	0.006	1358003	0.19451	9.7
9	1260-3	6.794	6.788	0.006	1065095	0.19517	9.8
10	1260-4	7.021	7.014	0.007	3487659	0.20942	10.5
11	1260-5	7.808	7.800	0.008	762865	0.23307	11.6(M)
M 12	PCB 1260 Total				8280995	1.00048	50.0
$ 45	decachlorobiphenyl	8.324	8.315	0.009	337504	0.01648	0.82

QC Flag Legend

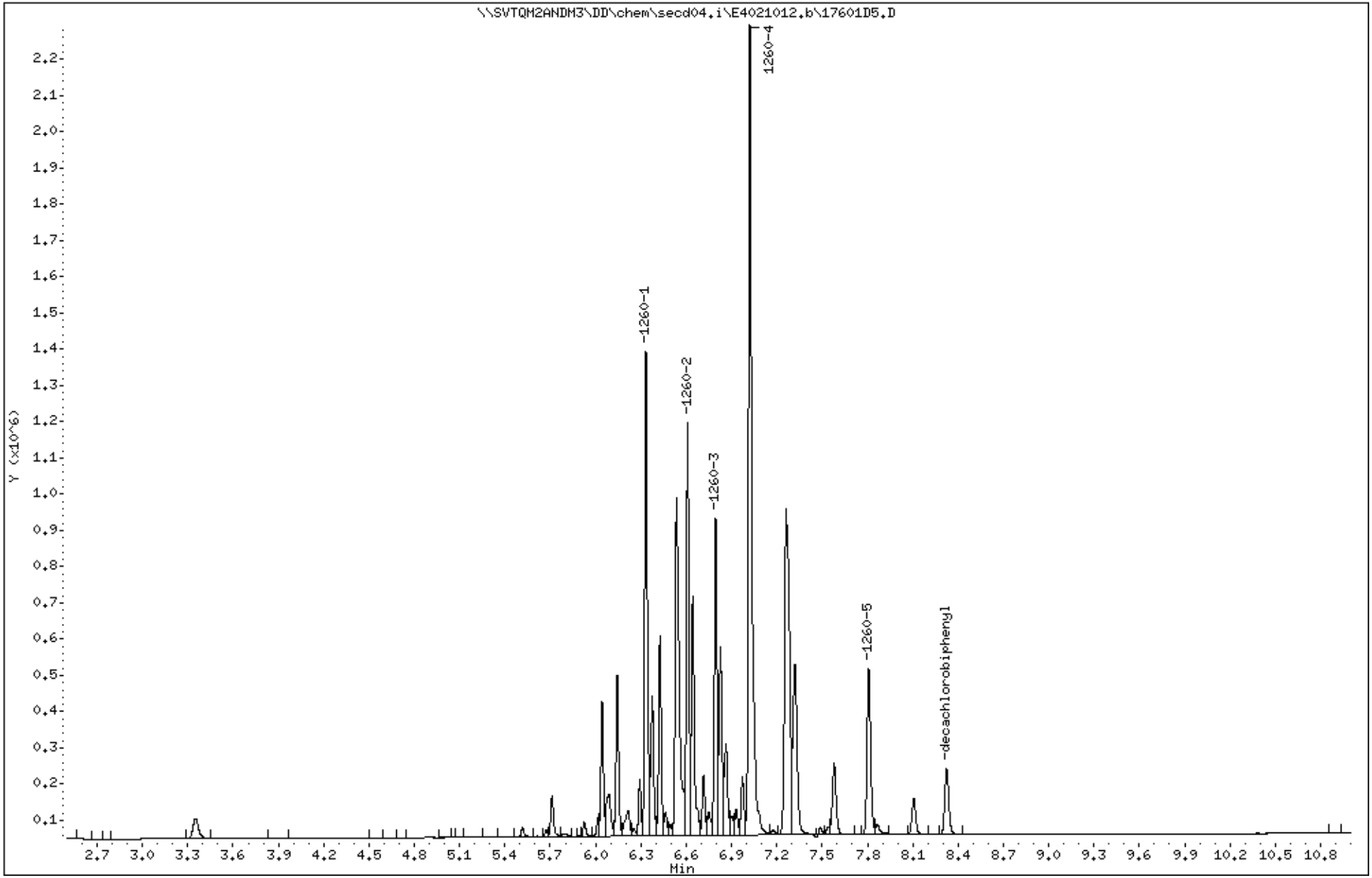
M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\17601D5.D
Date : 10-FEB-2012 14:25
Client ID: JM22-QCWIPE3-020912
Sample Info: a350517601DL1

Instrument: secd04.i

Operator: PEL Labs
Column diameter: 0.32

Column phase: STX-CLP1



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Data File: 17601D5.D
Report Date: 14-Feb-2012 15:21

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\17601D5.D
Lab Smp Id: 350517601DL1 Client Smp ID: JM22-QCWIPE3-020912
Inj Date : 10-FEB-2012 14:25
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a350517601DL1
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 9
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: pall.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

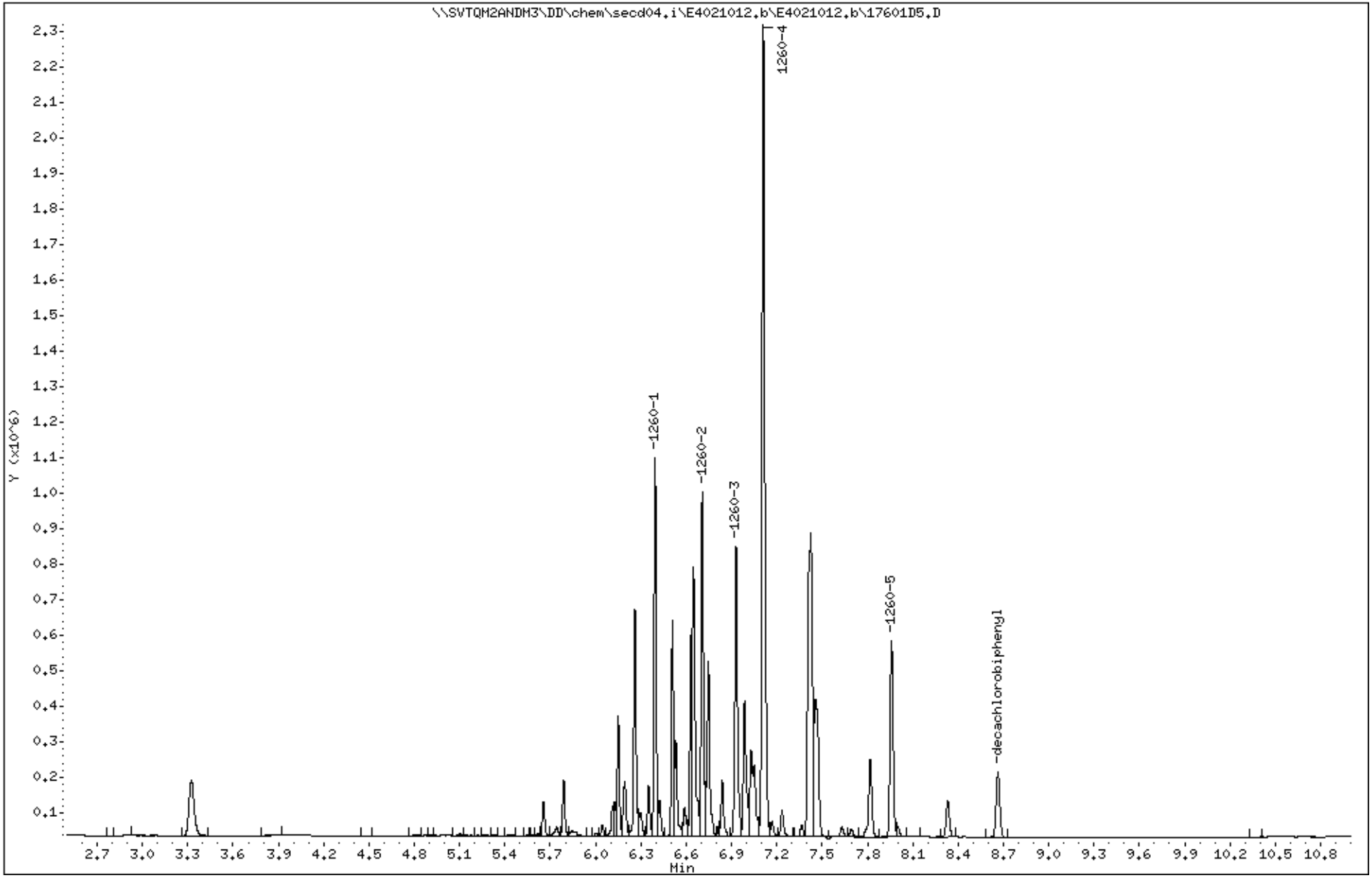
Name	Value	Description
DF	5.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
7	1260-1	6.394	6.391	0.003	1041645	0.17688	8.8
8	1260-2	6.707	6.705	0.002	1015436	0.20612	10.3
9	1260-3	6.930	6.927	0.003	999156	0.19397	9.7
10	1260-4	7.110	7.107	0.003	2869667	0.22439	11.2
11	1260-5	7.959	7.956	0.003	774370	0.23859	11.9(M)
M 12	PCB 1260 Total				6700274	1.03995	52.0
$ 45	decachlorobiphenyl	8.663	8.660	0.003	310755	0.01515	0.76

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\17601D5.D
Date : 10-FEB-2012 14:25
Client ID: JM22-QCWIPE3-020912
Instrument: secd04.i
Sample Info: a350517601DL1
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACCV2.D
Report Date: 14-Feb-2012 15:21

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACCV2.D
Lab Smp Id: 44593 Client Smp ID: ACCV2
Inj Date : 10-FEB-2012 14:55
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44593
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 11 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.815	3.813	0.002	92906	0.10000	0.12(M)
	2 1016-2	4.229	4.228	0.001	119587	0.10000	0.11(M)
	3 1016-3	4.709	4.708	0.001	289580	0.10000	0.10
	4 1016-4	4.834	4.833	0.001	140529	0.10000	0.10
	5 1016-5	5.270	5.269	0.001	68945	0.10000	0.11
M	6 PCB 1016 Total				711547	0.50000	0.54
	7 1260-1	6.325	6.326	-0.001	1079447	0.10000	0.11(M)
	8 1260-2	6.602	6.603	-0.001	764712	0.10000	0.11(M)
	9 1260-3	6.787	6.788	-0.001	611443	0.10000	0.11(M)
	10 1260-4	7.014	7.014	0.000	1839860	0.10000	0.11(M)
	11 1260-5	7.800	7.800	0.000	364237	0.10000	0.11
M	12 PCB 1260 Total				4659699	0.50000	0.56
$	45 decachlorobiphenyl	8.315	8.315	0.000	1088846	0.05000	0.053

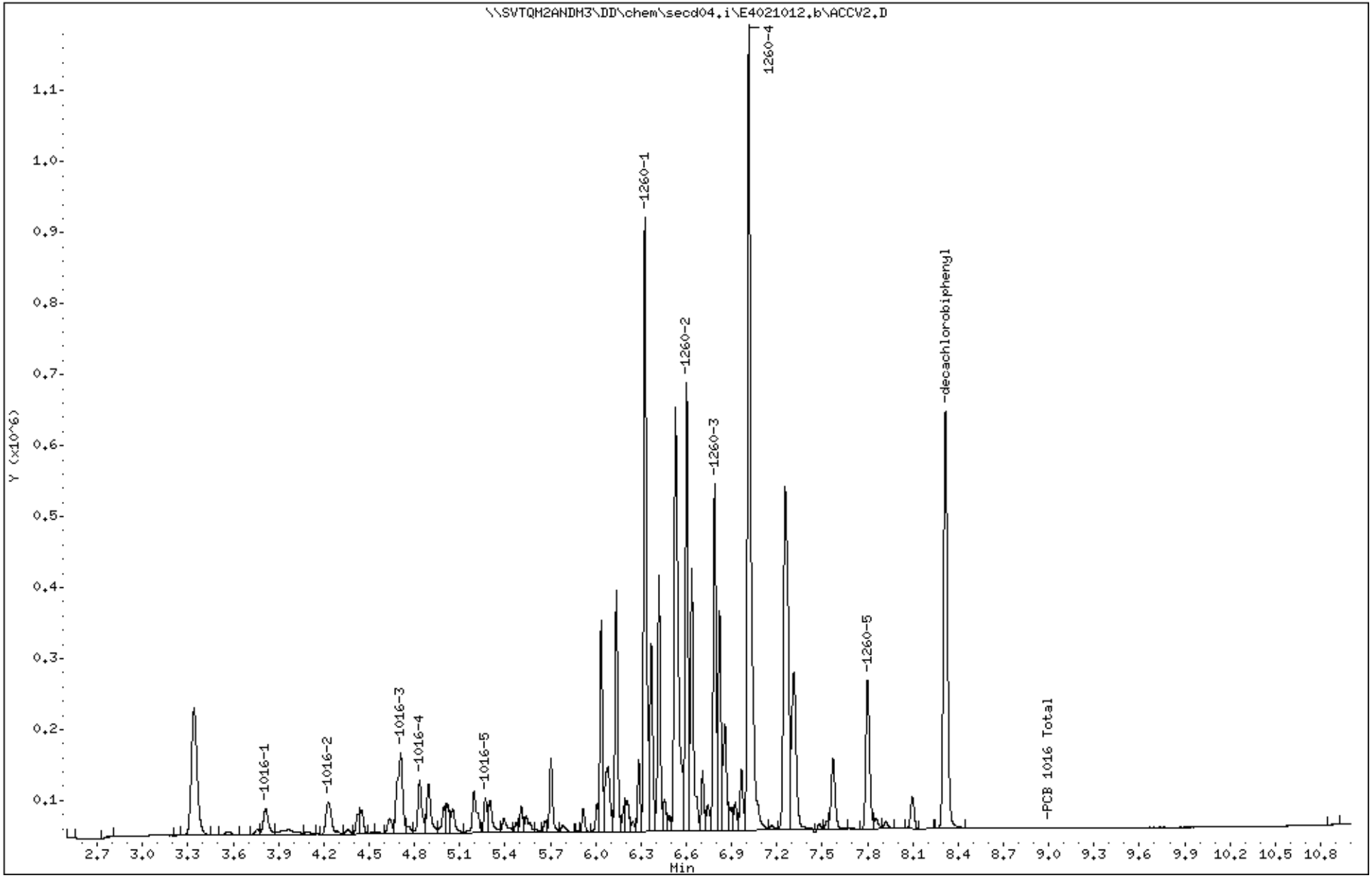
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACCV2.D
Date : 10-FEB-2012 14:55
Client ID: ACCV2
Sample Info: 44593

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



3505176

Data File: ACCV2.D
Report Date: 14-Feb-2012 15:21

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACCV2.D
Lab Smp Id: 44593 Client Smp ID: ACCV2
Inj Date : 10-FEB-2012 14:55
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44593
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 11 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.937	3.937	0.000	314938	0.10000	0.12(M)
	2 1016-2	4.375	4.375	0.000	441410	0.10000	0.12(M)
	3 1016-3	4.816	4.816	0.000	678044	0.10000	0.12(M)
	4 1016-4	4.936	4.936	0.000	394046	0.10000	0.11(M)
	5 1016-5	5.327	5.327	0.000	297089	0.10000	0.11(M)
M	6 PCB 1016 Total				2125527	0.50000	0.57
	7 1260-1	6.391	6.391	0.000	698259	0.10000	0.12(M)
	8 1260-2	6.705	6.705	0.000	600297	0.10000	0.12(M)
	9 1260-3	6.927	6.927	0.000	601176	0.10000	0.12(M)
	10 1260-4	7.107	7.107	0.000	1549126	0.10000	0.12(M)
	11 1260-5	7.956	7.956	0.000	343366	0.10000	0.10(M)
M	12 PCB 1260 Total				3792224	0.50000	0.58
$	45 decachlorobiphenyl	8.660	8.660	0.000	1089373	0.05000	0.053

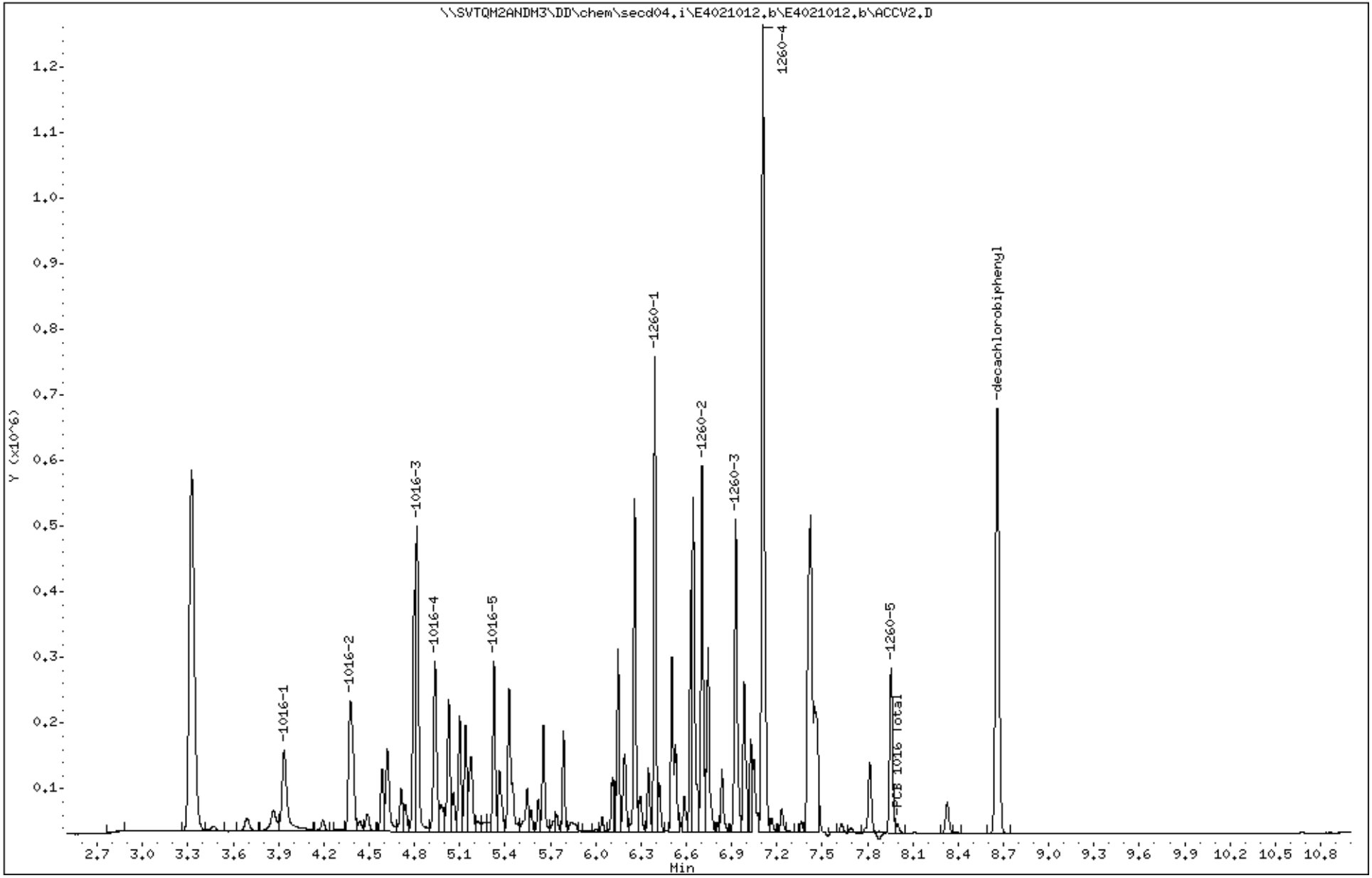
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACCV2.D
Date : 10-FEB-2012 14:55
Client ID: ACCV2
Sample Info: 44593

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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3505176

End Of Report

150212 1503

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY
Florida Division

TEST REPORT

Florida	# E84207
Texas	# T104704408-11-3
South Carolina	# 96011001
North Dakota	# R-178

California	# 07253CA
Louisiana	# 02025
Kansas	# E-10385
Arkansas	#11-036-1

LABORATORY ACCREDITATION BUREAU ACCREDITED
Certificate # L2259 Testing

Customer Name:	CH2M Hill
Date and Time Received:	2/14/2012 11:00:00 AM
Date Reported:	2/24/2012
Laboratory Submission Number/SDG:	3505197
Project:	NAS Key West JM22 / Parcel K / 395479

The submission consisted of 1sample(s) with sample identification shown in the attached data tables.

The samples were analyzed for the methods listed on the attached table of contents. See the attached data tables for results.

Distribution of Report to:

CH2M Hill
Attn: Kama White
WorkPhone:

Respectfully Submitted,

Brian Spann
Laboratory Director
Spectrum Analytical, Inc. FL Division

Soil samples are reported on dry weight basis, unless otherwise noted.

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. Spectrum Analytical, Inc. letters and reports are for the exclusive use of the client to whom they are addressed. Our Letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials. This report shall not be reproduced except in full without written approval from Spectrum Analytical, Inc.

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EXECUTIVE SUMMARY - Detection Highlights

3505197

SAMPLE ID: JM22-QCWIPE4-021312

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
Aroclor-1260	1.30	0.99	UG/WIPE	SW8082

240212 1614

Organics

240212 1614

Organic Data Qualifiers

U Indicates the analyte was analyzed for but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that analyte. The reporting limit can vary from sample to sample depending on dilution factors or the percent moisture adjustment when indicated.

J Indicates estimated value. It is used when the data indicates the presence of an analyte above the method detection limit (MDL) yet lower than the reporting limit.

B Indicates the analyte was found in the associated blank as well as in the sample. The notation indicates possible contamination of the sample.

E Indicates the value reported is above the highest calibration standard for that analyte. The sample should be analyzed at an appropriate dilution. "E" qualified values are estimations and the diluted result may be reported on another Form 1.

D Indicates the analyte has been identified in a dilution reanalysis. "D" qualifiers are used for samples that have been analyzed at a lesser dilution than required for accurate quantitation.

C The "C" qualifier indicates the presence of this analyte has been confirmed by GC/MS analysis.

P This qualifier is used for pesticide / Aroclor target analytes where there is greater than 25% difference for the detected concentration between the two GC columns.

N This qualifier indicates presumptive evidence of an analyte. This qualifier is only used for tentatively identified compounds (TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the "N" qualifier is not used.

A This qualifier indicates that a TIC is a suspected aldol-condensation product.

X Data flagged as rejected by analyst utilizing analytical judgement.

240212 1614

Organic Sample ID Qualifiers

The qualifiers that may be appended to the lab sample ID and/or the client sample ID for organic analysis are defined below:

DL Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds that exceeded the calibration range. The sample was diluted and reanalyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted reanalysis may be reported.

R Reanalysis. The extract was reanalyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalysis of the sample at the same dilution.

RE Re-extracted. The extract was reanalyzed with re-extraction. May be followed by a digit to indicate multiple re-extraction of the same sample at the same dilution.

MS Matrix spike (may be followed by a digit to indicate multiple matrix within a sample set).

SD Matrix spike duplicate (may be followed by a digit to indicate multiple matrix spike duplicate within a sample set).

240212 1614

Method 8082 PCB Organics

240212 1614

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

Spectrum Analytical Inc. Lab Reference No./SDG: 3505197

Client: CH2M Hill

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody or a communication form is included in the addendum with this package.

II. HOLDING TIMES

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

III. METHODS

EPA SW846 8082 for Aroclor analysis

IV. PREPARATION

Wipe samples were prepared by SW846 EPA 3580 for 8082 semi-volatile analysis.

V. ANALYSIS

A. Calibration:

All acceptance criteria were met.

B. Blanks:

All acceptance criteria were met.

C. Surrogates:

All acceptance criteria were met.

D. Spikes:

PCB 1016 and PCB 1260 were used as the spiking solution for all QC spikes.

1. Laboratory Control Spikes (LCS)

An LCS/LCSD set was analyzed.
All percent recovery and relative percent difference (RPD) criteria were met.

2. Matrix Spike/Matrix Spike Duplicate Samples (MS/SD)

No spikes requested by client.

E. Internal Standards:

This method does not require the use of internal standards.

CASE NARRATIVE
POLYCHLORINATED BIPHENYLS (PCB) SEMIVOLATILE ORGANIC

Spectrum Analytical Inc. Lab Reference No./SDG: 3505197

Client: CH2M Hill

F. Samples:

Data was collected using dual column analysis. Results reported from the primary column if the %D between the two columns is >40%, data is coded.

Sample analysis proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Spectrum Analytical Inc., both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as, verified by the following signature.

SIGNED: **DATE:**
02/14/2012

CASE NARRATIVE

Spectrum Analytical Inc. Lab Reference No./SDG: 3505197

Client: CH2M Hill

MANUAL INTEGRATION SUMMARY

The following analytes were manually integrated by the chemist.

Calibration Sample: CCV1053317 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053317 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053317 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053317 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053317 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053317 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053317 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053317 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053317 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053318 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053318 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053318 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053318 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053318 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053318 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053318 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053318 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053318 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053319 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505197

Client: CH2M Hill

Calibration Sample: CCV1053319 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053319 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053319 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053319 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053319 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053319 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053319 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053319 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053319 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053320 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053320 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053320 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053320 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053320 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053320 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053320 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053320 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053320 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: CCV1053320 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1050560 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1050560 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505197

Client: CH2M Hill

Calibration Sample: SSC1050560 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1050560 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1050560 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1052567 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: SSC1052567 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050546 Analyte: 1254-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050546 Analyte: 1254-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050546 Analyte: 1254-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050546 Analyte: 1254-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050546 Analyte: 1254-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050547 Analyte: 1232-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050547 Analyte: 1232-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050548 Analyte: 1242-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050548 Analyte: 1242-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050548 Analyte: 1242-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050548 Analyte: 1242-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050549 Analyte: 1248-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050549 Analyte: 1248-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050549 Analyte: 1248-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050549 Analyte: 1248-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050549 Analyte: 1248-5
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505197

Client: CH2M Hill

Calibration Sample: STD1050550 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050550 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050550 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050550 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050550 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050550 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050550 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050550 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050551 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050551 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050551 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050551 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050551 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050551 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050551 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050551 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050551 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050551 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050552 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050552 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050552 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505197

Client: CH2M Hill

Calibration Sample: STD1050552 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050552 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050553 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050553 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050553 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050553 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050553 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050553 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050553 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050553 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050553 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050555 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050555 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050555 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050555 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050555 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050555 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050555 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050555 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1050555 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052553 Analyte: 1254-1
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505197

Client: CH2M Hill

Calibration Sample: STD1052553 Analyte: 1254-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052553 Analyte: 1254-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052553 Analyte: 1254-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052553 Analyte: 1254-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052554 Analyte: 1232-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052555 Analyte: 1242-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052555 Analyte: 1242-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052555 Analyte: 1242-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052555 Analyte: 1242-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052556 Analyte: 1248-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052556 Analyte: 1248-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052556 Analyte: 1248-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052556 Analyte: 1248-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052556 Analyte: 1248-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052557 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052557 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052557 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052557 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052557 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052557 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052557 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak

Spectrum Analytical Inc. Lab Reference No./SDG: 3505197

Client: CH2M Hill

Calibration Sample: STD1052557 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052557 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052557 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052558 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052558 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052558 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052558 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052558 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052558 Analyte: 1260-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052558 Analyte: 1260-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052558 Analyte: 1260-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052558 Analyte: 1260-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052558 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052559 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052559 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052559 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052559 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052559 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052560 Analyte: 1016-1
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052560 Analyte: 1016-2
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052560 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak

CASE NARRATIVE

Spectrum Analytical Inc. Lab Reference No./SDG: 3505197

Client: CH2M Hill

Calibration Sample: STD1052560 Analyte: 1016-4
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052560 Analyte: 1016-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052561 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052561 Analyte: 1260-5
Reason: Baseline integration, needs re-enforced due to interference on target peak
Calibration Sample: STD1052562 Analyte: 1016-3
Reason: Baseline integration, needs re-enforced due to interference on target peak

These manual integrations have been reviewed and meet all criteria in accordance with Spectrum Analytical Inc.'s SOP regarding manual integration.

CHEMIST: **DATE: 02/14/2012**

Signature:
Name: Brian C. Spanh **Title:** Lab Director

SECTION LEADER:
DATE: 02/14/2012

W:\Narratives\SemiVols\3505\3505197_8082MI.doc

PCB ORGANIC CROSS REFERENCE TABLE

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 39

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

Method: 8082

EPA Sample No	Lab Sample ID
JM22-QCWIPE4-021312	350519701

240212 1614

8082 Sample Data

240212 1614

1

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.

JM22-QCWIPE4-021312

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

Matrix: : LSH Lab Sample ID: 350519701 Lab File ID 19701.D

Sample wt/vol: 1 Units: G Date Received: 02/14/12

Concentrated Extract Volume: 10 Date Extracted: 02/14/12

Level:(low/med) LOW Date Analyzed: 02/14/12 Time: 1516

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/WIPE

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.99	U	0.43	0.99
11096-82-5	Aroclor-1260	1.3		0.23	0.99
11104-28-2	Aroclor-1221	0.99	U	0.4	0.99
11141-16-5	Aroclor-1232	0.99	U	0.66	0.99
53469-21-9	Aroclor-1242	0.99	U	0.36	0.99
12672-29-6	Aroclor-1248	0.99	U	0.36	0.99
11097-69-1	Aroclor-1254	0.99	U	0.31	0.99

Results reported on Primary Column, if RPD >40% results flagged accordingly.

8082 QC Summary

240212 1614

PCB ORGANIC ANALYSIS DATA SHEET

EPA Sample No.: 116707MB

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K /

Lab Code : PEL Case No.: SAS No: SDG No.: 3505197

Matrix : LSH Lab Sample ID: 116707MB Lab File ID: 8282MB.D

Sample wt/vol: 1 Units: G Date Received: 02/14/12

Concentrated Extract Volume: 10 Date Extracted: 02/14/12

Level:(low/med) LOW Date Analyzed: 02/14/12 Time: 1430

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/WIPE

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.99	U	0.43	0.99
11096-82-5	Aroclor-1260	0.99	U	0.23	0.99
11104-28-2	Aroclor-1221	0.99	U	0.4	0.99
11141-16-5	Aroclor-1232	0.99	U	0.66	0.99
53469-21-9	Aroclor-1242	0.99	U	0.36	0.99
12672-29-6	Aroclor-1248	0.99	U	0.36	0.99
11097-69-1	Aroclor-1254	0.99	U	0.31	0.99

Results reported on Primary Column, if RPD >40% results flagged accordingly.

4

PCB ORGANIC METHOD BLANK SUMMARY

EPA Sample No.: 116707MB

Lab Name: Spectrum Analytical, Inc Contract: NAS Key West JM22 / Parcel K / 39

Lab Code : PEL Case No.: SAS No: SDG No.: 3505197

Lab File ID: 8282MB.D Lab Sample ID: 116707MB

Instrument ID: SECD04 Date Extracted: 02/14/12

Matrix: : LSH Date Analyzed: 02/14/12

Level:(low/med) LOW Time Analyzed: 1430

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	116708LCS	116708LCS	8282LCS.D	02/14/12	1445
2	116709LCSD	116709LCSD	8282LCSD.D	02/14/12	1501
3	JM22-QCWIPE4-021312	350519701	19701.D	02/14/12	1516

COMMENTS:

2A

WIPE PCB ORGANIC SURROGATE RECOVERY

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel

Lab Code : PEL Case No. _____ SAS No: _____ SDG NO.: 3505197

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

EPA Sample NO.	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	TOT OUT
116707MB	110.0						0
116708LCS	110.0						0
116709LCSD	110.0						0
JM22-QCWIPE4-021312	84.0						0

Control Limits

S1 = Decachlorobiphenyl 33 - 140

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

Control limit source: (lab/method) METHOD

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Form II

240212 1614

8

PCB ORGANIC ANALYTICAL SEQUENCE

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505197

GC Column: STX-CLP1 ID: 0.32 (mm) Init. Calib. Date: 01/30/12

Instrument ID: SECD04

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MIDCAL SURROGATE RT FROM INITIAL CALIBRATION
S1 : S2 :

	CLIENT SAMPLE NO	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
1	STD1050547	44134	32CAL3.D	01/30/12	1213		
2	STD1050548	44821	42CAL3.D	01/30/12	1228		
3	STD1050549	44340	48CAL3.D	01/30/12	1243		
4	STD1050546	44135	2154CAL3.D	01/30/12	1258		
5	STD1050555	44123	ACAL6.D	01/30/12	1313	8.31	
6	STD1050554	44124	ACAL5.D	01/30/12	1328	8.31	
7	STD1050553	44125	ACAL4.D	01/30/12	1344	8.31	
8	STD1050552	44593	ACAL3.D	01/30/12	1359	8.31	
9	STD1050551	44127	ACAL2.D	01/30/12	1414	8.31	
10	STD1050550	44128	ACAL1.D	01/30/12	1429	8.31	
11	SSC1050560	43164	ASEC.D	01/30/12	1444	8.31	
12	CCV1053317	44593	ACCV1.D	02/14/12	1401	8.32	
13	116707MB	116707MB	8282MB.D	02/14/12	1430	8.33	
14	116708LCS	116708LCS	8282LCS.D	02/14/12	1445	8.32	
15	116709LCSD	116709LCSD	8282LCSD.D	02/14/12	1501	8.32	
16	JM22-QCWIPE4-021312	350519701	19701.D	02/14/12	1516	8.32	
17	CCV1053319	45004	ACCV2R.D	02/14/12	1612	8.33	

QC LIMITS

S1 = Decachlorobiphenyl (+/- 0.2 MINUTES)

Column used to flag retention time values with an asterisk.

* Values outside of QC limits

Page 1 of 1

240212 1614

FORM VIII

8

PCB ORGANIC ANALYTICAL SEQUENCE

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505197

GC Column: STX-CLP2 ID: 0.32 (mm) Init. Calib. Date: 01/30/12

Instrument ID: SECD04

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MIDCAL SURROGATE RT FROM INITIAL CALIBRATION
S1 : S2 :

	CLIENT SAMPLE NO	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
1	STD1052554	44134	32CAL3.D	01/30/12	1213		
2	STD1052555	44821	42CAL3.D	01/30/12	1228		
3	STD1052556	44340	48CAL3.D	01/30/12	1243		
4	STD1052553	44135	2154CAL3.D	01/30/12	1258		
5	STD1052562	44123	ACAL6.D	01/30/12	1313	8.66	
6	STD1052561	44124	ACAL5.D	01/30/12	1328	8.66	
7	STD1052560	44125	ACAL4.D	01/30/12	1344	8.66	
8	STD1052559	44593	ACAL3.D	01/30/12	1359	8.66	
9	STD1052558	44127	ACAL2.D	01/30/12	1414	8.66	
10	STD1052557	44128	ACAL1.D	01/30/12	1429	8.66	
11	SSC1052567	43164	ASEC.D	01/30/12	1444	8.66	
12	CCV1053318	44593	ACCV1.D	02/14/12	1401	8.66	
13	116707MB	116707MB	8282MB.D	02/14/12	1430	8.67	
14	116708LCS	116708LCS	8282LCS.D	02/14/12	1445	8.66	
15	116709LCSD	116709LCSD	8282LCSD.D	02/14/12	1501	8.66	
16	JM22-QCWIPE4-021312	350519701	19701.D	02/14/12	1516	8.66	
17	CCV1053320	45004	ACCV2R.D	02/14/12	1612	8.66	

QC LIMITS

S1 = Decachlorobiphenyl (+/- 0.2 MINUTES)

Column used to flag retention time values with an asterisk.

* Values outside of QC limits

240212 1614

FORM VIII

10

PCB ORGANIC DUAL COLUMN CONFIRMATION CHECK

EPA Sample No.

116707MB

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 39

Lab Code : PEL Case No.: SAS No: SDG No.: 3505197

Lab Sample ID: 116707MB Date(s) Analyzed: 02/14/12 02/14/12

Instrumet ID (1): SECD04 Instrumet ID (2): SECD04

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

COMPOUND		COL	RT	EXP RT	DIFF	AREA	AMOUNT	CONC	%D
Decachlorobiphenyl	*	1	8.332	8.316	0.016	2263801	0.11	1.1	
		2	8.665	8.660	0.005	2463953	0.12	1.2	8.70

* Column used for quantitation

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PCB ORGANIC DUAL COLUMN CONFIRMATION CHECK

EPA Sample No.

116708LCS

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 39

Lab Code : PEL Case No.: SAS No: SDG No.: 3505197

Lab Sample ID: 116708LCS Date(s) Analyzed: 02/14/12 02/14/12

Instrumet ID (1): SECD04 Instrumet ID (2): SECD04

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

COMPOUND		COL	RT	EXP RT	DIFF	AREA	AMOUNT	CONC	%D
Aroclor-1016	*	1	9.000	9.000	0.000	1047665	0.80	8	
		2	8.000	8.000	0.000	3385454	0.93	9.3	15.03
Aroclor-1260	*	1	17.000	17.000	0.000	7486458	0.90	9	
		2	17.000	17.000	0.000	6420060	1.0	10	10.53
Decachlorobiphenyl	*	1	8.319	8.316	0.003	2300795	0.11	1.1	
		2	8.657	8.660	0.003	2505788	0.12	1.2	8.70

* Column used for quantitation

10

PCB ORGANIC DUAL COLUMN CONFIRMATION CHECK

EPA Sample No.

116709LCSD

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 39

Lab Code : PEL Case No.: SAS No: SDG No.: 3505197

Lab Sample ID: 116709LCSD Date(s) Analyzed: 02/14/12 02/14/12

Instrumet ID (1): SECD04 Instrumet ID (2): SECD04

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

COMPOUND		COL	RT	EXP RT	DIFF	AREA	AMOUNT	CONC	%D
Aroclor-1016	*	1	9.000	9.000	0.000	1101776	0.84	8.4	
		2	8.000	8.000	0.000	3627565	0.98	9.8	15.38
Aroclor-1260	*	1	17.000	17.000	0.000	7805901	0.94	9.4	
		2	17.000	17.000	0.000	6712686	1.0	10	6.19
Decachlorobiphenyl	*	1	8.319	8.316	0.003	2330397	0.11	1.1	
		2	8.658	8.660	0.002	2557147	0.12	1.2	8.70

* Column used for quantitation

10

PCB ORGANIC DUAL COLUMN CONFIRMATION CHECK

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 39 JM22-QCWIPE4-021312

Lab Code : PEL Case No.: SAS No: SDG No.: 3505197

Lab Sample ID: 350519701 Date(s) Analyzed: 02/14/12 02/14/12

Instrumet ID (1): SECD04 Instrumet ID (2): SECD04

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

COMPOUND		COL	RT	EXP RT	DIFF	AREA	AMOUNT	CONC	%D
Aroclor-1260	*	1	17.000	17.000	0.000	1022304	0.13	1.3	
		2	17.000	17.000	0.000	827699	0.13	1.3	0.00
Decachlorobiphenyl	*	1	8.316	8.316	0.000	1732318	0.084	0.84	
		2	8.657	8.660	0.003	1806619	0.088	0.88	4.65

* Column used for quantitation

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel 116708LCS

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

COMPOUND	SPIKE ADDED ug/wipe	LCS CONCENTRATION ug/wipe	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10	8	80.0			43 - 137
Aroclor-1260	10	9	90.0			48 - 154

Spike Recovery: 0 out of 2 outside limits

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

240212 1614

Form III

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

EPA Sample No.

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel 116709LCSD

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

COMPOUND	SPIKE ADDED ug/wipe	LCS CONCENTRATION ug/wipe	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10	8.4	84.0	4.9	30	43 - 137
Aroclor-1260	10	9.4	94.0	4.3	30	48 - 154

Spike Recovery: 0 out of 2 outside limits

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

240212 1614

Form III

8082 Standards Data

240212 1614

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

LAB FILE ID:	RRF0.006 =ACAL1.D	RRF0.02 =ACAL2.D
RRF0.1 =32CAL3.D	RRF0.2 =ACAL4.D	RRF0.4 =ACAL5.D

COMPOUND	RRF0.006	RRF0.02	RRF0.1	RRF0.2	RRF0.4
1260-1	9636833.333	9339350	9084490	9214665	9657940
1260-2	7087166.667	6827950	6640260	6770575	6998352.5
1260-3	5567000	5497300	5236500	5252725	5393132.5
1260-5	3527500	3436200	3170430	3095445	3112917.5
1016-1	747166.667	848950	818820	778840	775615
1016-2	1264666.667	1177750	1110630	1041010	1000057.5
1016-3	3280666.667	3067900	2666170	2519900	2494072.5
1016-4	1592500	1457350	1292360	1209355	1175277.5
1016-5	727166.667	660850	634440	601615	569045
1260-4	16376166.67	16193800	16181420	16272570	16910045
1221-1			220000		
1221-2			149494.118		
1221-3			657688.235		
1232-1			219310		
1232-2			828850		
1232-3			517740		
1232-4			1124530		
1232-5			531000		
1242-1			571810		
1242-2			818670		
1242-3			1857730		
1242-4			899790		
1242-5			869690		
1248-1			1299210		
1248-2			719550		
1248-3			837950		
1248-4			965570		
1248-5			1856170		
1254-1			1288470		
1254-2			3132850		
1254-3			1519250		
1254-4			3131880		
1254-5			4976590		

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

LAB FILE ID:	RRF0.006 =ACAL1.D	RRF0.02 =ACAL2.D			
RRF0.1 =32CAL3.D	RRF0.2 =ACAL4.D	RRF0.4 =ACAL5.D			
COMPOUND	RRF0.006	RRF0.02	RRF0.1	RRF0.2	RRF0.4
Decachlorobiphenyl(SURR)	23217666.67	21476700	19549440	19130960	19235610

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PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

LAB FILE ID:	RRF0.5 =ACAL6.D				
COMPOUND	RRF0.5				
1260-1	10366690				
1260-2	7565294				
1260-3	5796250				
1260-5	3296322				
1016-1	812552				
1016-2	1053478				
1016-3	2630780				
1016-4	1232430				
1016-5	596508				
1260-4	17990226				
1221-1					
1221-2					
1221-3					
1232-1					
1232-2					
1232-3					
1232-4					
1232-5					
1242-1					
1242-2					
1242-3					
1242-4					
1242-5					
1248-1					
1248-2					
1248-3					
1248-4					
1248-5					
1254-1					
1254-2					
1254-3					
1254-4					
1254-5					

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

LAB FILE ID: RRF0.5 =ACAL6.D

COMPOUND	RRF0.5				
Decachlorobiphenyl(SURR)	20266396				

240212 1614

FORM VI

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PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

COMPOUND	CURVE	COEFFICIENTS AO	COEFFICIENTS A1	%RSD OR R^2
1260-1	AVRG		9549994.722	4.8
1260-2	AVRG		6981599.694	4.7
1260-3	AVRG		5457151.25	3.9
1260-5	AVRG		3273135.75	5.5
1016-1	AVRG		796990.6111	4.6
1016-2	AVRG		1107932.028	8.9
1016-3	AVRG		2776581.528	11.6
1016-4	AVRG		1326545.417	12.4
1016-5	AVRG		631604.1111	9
1260-4	AVRG		16654037.94	4.3
1221-1	AVRG		220000	0
1221-2	AVRG		149494.1176	0
1221-3	AVRG		657688.2353	0
1232-1	AVRG		219310	0
1232-2	AVRG		828850	0
1232-3	AVRG		517740	0
1232-4	AVRG		1124530	0
1232-5	AVRG		531000	0
1242-1	AVRG		571810	0
1242-2	AVRG		818670	0
1242-3	AVRG		1857730	0
1242-4	AVRG		899790	0
1242-5	AVRG		869690	0
1248-1	AVRG		1299210	0
1248-2	AVRG		719550	0
1248-3	AVRG		837950	0
1248-4	AVRG		965570	0
1248-5	AVRG		1856170	0
1254-1	AVRG		1288470	0
1254-2	AVRG		3132850	0
1254-3	AVRG		1519250	0
1254-4	AVRG		3131880	0

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PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

COMPOUND	CURVE	COEFFICIENTS AO	COEFFICIENTS A1	%RSD OR R^2
1254-5	AVRG		4976590	0
==========				
Decachlorobiphenyl(SURR)	AVRG		20479462.11	7.8

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

Min RRF for SPCC(#) = 0 Max %RSD for CCC(*) = 0 %

LAB FILE ID: RT1: ACAL1.D RT2: ACAL2.D
RT3: 32CAL3.D RT4: ACAL4.D RT5: ACAL5.D

COMPOUND	RT1	RT2	RT3	RT4	RT5	MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
1260-1	6.327	6.326	6.327	6.328	6.327			
1260-2	6.602	6.602	6.602	6.604	6.603			
1260-3	6.788	6.788	6.788	6.789	6.788			
1260-5	7.799	7.800	7.799	7.799	7.800			
1016-1	3.818	3.820	3.817	3.819	3.820			
1016-2	4.230	4.232	4.232	4.233	4.234			
1016-3	4.713	4.713	4.712	4.713	4.712			
1016-4	4.838	4.838	4.837	4.838	4.837			
1016-5	5.273	5.272	5.272	5.273	5.272			
1260-4	7.014	7.014	7.014	7.014	7.014			
1221-1			3.572					
1221-2			3.765					
1221-3			3.819					
1232-1			3.572					
1232-2			3.819					
1232-3			4.232					
1232-4			4.713					
1232-5			4.837					
1242-1			3.818					
1242-2			4.233					
1242-3			4.712					
1242-4			4.837					
1242-5			4.897					
1248-1			4.716					
1248-2			5.000					
1248-3			5.274					
1248-4			5.478					
1248-5			5.544					
1254-1			5.543					
1254-2			5.706					
1254-3			5.921					
1254-4			6.011					
1254-5			6.208					
==========								
Decachlorobiphenyl(SURR)	8.314	8.314	8.313	8.314	8.315			

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

Min RRF for SPCC(#) = 0 Max %RSD for CCC(*) = 0 %

LAB FILE ID: RT6: ACAL6.D

COMPOUND	RT6					MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
1260-1	6.326					6.327	6.127	6.527
1260-2	6.603					6.602	6.402	6.802
1260-3	6.788					6.788	6.588	6.988
1260-5	7.799					7.799	7.599	7.999
1016-1	3.819					3.817	3.617	4.017
1016-2	4.235					4.232	4.032	4.432
1016-3	4.711					4.712	4.512	4.912
1016-4	4.837					4.837	4.637	5.037
1016-5	5.272					5.272	5.072	5.472
1260-4	7.014					7.014	6.814	7.214
1221-1						3.572	3.372	3.772
1221-2						3.765	3.565	3.965
1221-3						3.819	3.619	4.019
1232-1						3.572	3.372	3.772
1232-2						3.819	3.619	4.019
1232-3						4.232	4.032	4.432
1232-4						4.713	4.513	4.913
1232-5						4.837	4.637	5.037
1242-1						3.818	3.618	4.018
1242-2						4.233	4.033	4.433
1242-3						4.712	4.512	4.912
1242-4						4.837	4.637	5.037
1242-5						4.897	4.697	5.097
1248-1						4.716	4.516	4.916
1248-2						5.000	4.800	5.200
1248-3						5.274	5.074	5.474
1248-4						5.478	5.278	5.678
1248-5						5.544	5.344	5.744
1254-1						5.543	5.343	5.743
1254-2						5.706	5.506	5.906
1254-3						5.921	5.721	6.121
1254-4						6.011	5.811	6.211
1254-5						6.208	6.008	6.408
==========								
Decachlorobiphenyl(SURR)	8.313					8.313	8.113	8.513

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

LAB FILE ID: RRF0.006 =ACAL1.D RRF0.02 =ACAL2.D
RRF0.1 =32CAL3.D RRF0.2 =ACAL4.D RRF0.4 =ACAL5.D

COMPOUND	RRF0.006	RRF0.02	RRF0.1	RRF0.2	RRF0.4
1260-1	6292166.667	5929850	5683770	5700630	5730252.5
1260-2	5234666.667	4995000	4888910	4710830	4768755
1260-3	5436833.333	5203800	5014650	4975075	5019067.5
1260-5	3413833.333	3211000	3155320	3152200	3178157.5
1016-1	2850000	2669150	2735550	2617205	2584417.5
1016-2	3961166.667	3875650	3690580	3573755	3597397.5
1016-3	6300000	5938950	5081040	5548255	5736650
1016-4	5038500	3696500	3453430	3307785	3310022.5
1016-5	3131333.333	2696550	2504360	2448225	2460275
1260-4	12880333.33	12620050	12766590	12722130	12638267.5
1221-1			610423.529		
1221-2			367064.706		
1221-3			1424752.941		
1232-1			585850		
1232-2			1808350		
1232-3			1586560		
1232-4			716310		
1232-5			2162640		
1242-1			1266820		
1242-2			2528550		
1242-3			5770830		
1242-4			2287300		
1242-5			1495340		
1248-1			2186560		
1248-2			2438800		
1248-3			3161470		
1248-4			3598820		
1248-5			4264590		
1254-1			1620430		
1254-2			3214320		
1254-3			3622240		
1254-4			2754400		
1254-5			5803670		

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PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

LAB FILE ID: RRF0.006 =ACAL1.D RRF0.02 =ACAL2.D
RRF0.1 =32CAL3.D RRF0.2 =ACAL4.D RRF0.4 =ACAL5.D

COMPOUND	RRF0.006	RRF0.02	RRF0.1	RRF0.2	RRF0.4
Decachlorobiphenyl(SURR)	21884333.33	20707700	19980900	19880400	19864640

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

LAB FILE ID: RRF0.5 =ACAL6.D

COMPOUND	RRF0.5				
1260-1	5997682				
1260-2	4959742				
1260-3	5256756				
1260-5	3363020				
1016-1	2689706				
1016-2	3735080				
1016-3	6048960				
1016-4	3453880				
1016-5	2584026				
1260-4	13105960				
1221-1					
1221-2					
1221-3					
1232-1					
1232-2					
1232-3					
1232-4					
1232-5					
1242-1					
1242-2					
1242-3					
1242-4					
1242-5					
1248-1					
1248-2					
1248-3					
1248-4					
1248-5					
1254-1					
1254-2					
1254-3					
1254-4					
1254-5					

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PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

LAB FILE ID: RRF0.5 =ACAL6.D

COMPOUND	RRF0.5				
==========	==========	==========	==========	==========	==========
Decachlorobiphenyl(SURR)	20772048				

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

COMPOUND	CURVE	COEFFICIENTS		%RSD OR R^2
		AO	A1	
1260-1	AVRG		5889058.528	4
1260-2	AVRG		4926317.278	3.8
1260-3	AVRG		5151030.306	3.5
1260-5	AVRG		3245588.472	3.5
1016-1	AVRG		2691004.75	3.5
1016-2	AVRG		3738938.194	4.1
1016-3	AVRG		5775642.5	7.4
1016-4	AVRG		3710019.583	18
1016-5	AVRG		2637461.556	9.8
1260-4	AVRG		12788888.47	1.4
1221-1	AVRG		610423.5294	0
1221-2	AVRG		367064.7059	0
1221-3	AVRG		1424752.941	0
1232-1	AVRG		585850	0
1232-2	AVRG		1808350	0
1232-3	AVRG		1586560	0
1232-4	AVRG		716310	0
1232-5	AVRG		2162640	0
1242-1	AVRG		1266820	0
1242-2	AVRG		2528550	0
1242-3	AVRG		5770830	0
1242-4	AVRG		2287300	0
1242-5	AVRG		1495340	0
1248-1	AVRG		2186560	0
1248-2	AVRG		2438800	0
1248-3	AVRG		3161470	0
1248-4	AVRG		3598820	0
1248-5	AVRG		4264590	0
1254-1	AVRG		1620430	0
1254-2	AVRG		3214320	0
1254-3	AVRG		3622240	0
1254-4	AVRG		2754400	0
1254-5	AVRG		5803670	0

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

COMPOUND	CURVE	COEFFICIENTS AO	COEFFICIENTS A1	%RSD OR R^2
==========	==========	==========	==========	==========
Decachlorobiphenyl(SURR)	AVRG		20515003.56	3.8

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

Min RRF for SPCC(#) = Max %RSD for CCC(*) = %

LAB FILE ID: RT1: ACAL1.D RT2: ACAL2.D
RT3: 32CAL3.D RT4: ACAL4.D RT5: ACAL5.D

COMPOUND	RT1	RT2	RT3	RT4	RT5	MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
1260-1	6.395	6.394	6.394	6.394	6.394			
1260-2	6.707	6.706	6.707	6.707	6.707			
1260-3	6.930	6.931	6.930	6.930	6.930			
1260-5	7.960	7.960	7.959	7.959	7.959			
1016-1	3.940	3.941	3.941	3.941	3.942			
1016-2	4.378	4.379	4.378	4.379	4.380			
1016-3	4.820	4.820	4.819	4.819	4.820			
1016-4	4.940	4.940	4.939	4.939	4.940			
1016-5	5.330	5.331	5.330	5.330	5.330			
1260-4	7.110	7.111	7.110	7.110	7.110			
1221-1			3.697					
1221-2			3.870					
1221-3			3.942					
1232-1			3.697					
1232-2			3.942					
1232-3			4.379					
1232-4			4.624					
1232-5			4.820					
1242-1			3.942					
1242-2			4.378					
1242-3			4.820					
1242-4			4.940					
1242-5			5.031					
1248-1			4.822					
1248-2			5.105					
1248-3			5.332					
1248-4			5.624					
1248-5			5.662					
1254-1			5.103					
1254-2			5.657					
1254-3			5.791					
1254-4			6.047					
1254-5			6.129					

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

Min RRF for SPCC(#) = Max %RSD for CCC(*) = %

LAB FILE ID: RT1: ACAL1.D RT2: ACAL2.D
RT3: 32CAL3.D RT4: ACAL4.D RT5: ACAL5.D

COMPOUND	RT1	RT2	RT3	RT4	RT5	MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl(SURR)	8.664	8.664	8.662	8.664	8.663			

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

Min RRF for SPCC(#) = Max %RSD for CCC(*) = %

LAB FILE ID: RT6: ACAL6.D

COMPOUND	RT6					MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
1260-1	6.394					6.394	6.194	6.594
1260-2	6.707					6.707	6.507	6.907
1260-3	6.931					6.930	6.730	7.130
1260-5	7.959					7.959	7.759	8.159
1016-1	3.942					3.941	3.741	4.141
1016-2	4.380					4.378	4.178	4.578
1016-3	4.820					4.819	4.619	5.019
1016-4	4.940					4.939	4.739	5.139
1016-5	5.331					5.330	5.130	5.530
1260-4	7.111					7.110	6.910	7.310
1221-1						3.697	3.497	3.897
1221-2						3.870	3.670	4.070
1221-3						3.942	3.742	4.142
1232-1						3.697	3.497	3.897
1232-2						3.942	3.742	4.142
1232-3						4.379	4.179	4.579
1232-4						4.624	4.424	4.824
1232-5						4.820	4.620	5.020
1242-1						3.942	3.742	4.142
1242-2						4.378	4.178	4.578
1242-3						4.820	4.620	5.020
1242-4						4.940	4.740	5.140
1242-5						5.031	4.831	5.231
1248-1						4.822	4.622	5.022
1248-2						5.105	4.905	5.305
1248-3						5.332	5.132	5.532
1248-4						5.624	5.424	5.824
1248-5						5.662	5.462	5.862
1254-1						5.103	4.903	5.303
1254-2						5.657	5.457	5.857
1254-3						5.791	5.591	5.991
1254-4						6.047	5.847	6.247
1254-5						6.129	5.929	6.329

6

PCB ORGANIC INITIAL CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

Instrument ID: SECD04 Calibration Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm) Calibration Time Begin: 1213 End: 1429

Min RRF for SPCC(#) = Max %RSD for CCC(*) = %

LAB FILE ID: RT6: ACAL6.D

COMPOUND	RT6					MIDCAL RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl(SURR)	8.663					8.662	8.462	8.862

7SSC

PCB ORGANIC SECONDARY SOURCE CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505197

Instrument ID: SECD04 CalibrationDate: 01/30/12 Time: 1444

CCV ID: SSC1050560 Lab File ID: ASEC.D Init. Calib. Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm)

COMPOUND	Expected	Found	%D / %Drift	Curve Type
1260-1	9549994.7	9877940	3.4	AVRG
1260-2	6981599.7	7068280	1.2	AVRG
1260-3	5457151.3	5498730	0.8	AVRG
1260-5	3273135.8	3471440	6.1	AVRG
1016-1	796990.61	837820	5.1	AVRG
1016-2	1107932	1133250	2.3	AVRG
1016-3	2776581.5	2766340	0.4	AVRG
1016-4	1326545.4	1340070	1.0	AVRG
1016-5	631604.11	679200	7.5	AVRG
1260-4	16654038	16706150	0.3	AVRG
==========				
Decachlorobiphenyl(SURR)	20479462	20898120	2.0	AVRG

7SSC

PCB ORGANIC SECONDARY SOURCE CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505197

Instrument ID: SECD04 CalibrationDate: 01/30/12 Time: 1444

CCV ID: SSC1052567 Lab File ID: ASEC.D Init. Calib. Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm)

COMPOUND	Expected	Found	%D / %Drift	Curve Type
1260-1	5889058.5	6155540	4.5	AVRG
1260-2	4926317.3	5045140	2.4	AVRG
1260-3	5151030.3	5313730	3.2	AVRG
1260-5	3245588.5	3464790	6.8	AVRG
1016-1	2691004.8	2734520	1.6	AVRG
1016-2	3738938.2	3889890	4.0	AVRG
1016-3	5775642.5	5315410	8.0	AVRG
1016-4	3710019.6	3610620	2.7	AVRG
1016-5	2637461.5	2622480	0.6	AVRG
1260-4	12788889	13281280	3.9	AVRG
==========				
Decachlorobiphenyl(SURR)	20515004	21616720	5.4	AVRG

7

PCB ORGANIC CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505197

Instrument ID: SECD04 CalibrationDate: 02/14/12 Time: 1401

CCV ID: CCV1053317 Lab File ID: ACCV1.D Init. Calib. Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm)

COMPOUND	Expected	Found	%D / %Drift	Curve Type
1260-1	9549994.7	9941150	4.1	AVRG
1260-2	6981599.7	7030120	0.7	AVRG
1260-3	5457151.3	5572100	2.1	AVRG
1260-5	3273135.8	3389630	3.6	AVRG
1016-1	796990.61	823450	3.3	AVRG
1016-2	1107932	1102020	0.5	AVRG
1016-3	2776581.5	2835050	2.1	AVRG
1016-4	1326545.4	1266840	4.5	AVRG
1016-5	631604.11	638880	1.2	AVRG
1260-4	16654038	17164550	3.1	AVRG
==========				
Decachlorobiphenyl(SURR)	20479462	20415660	0.3	AVRG

7

PCB ORGANIC CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505197

Instrument ID: SECD04 CalibrationDate: 02/14/12 Time: 1401

CCV ID: CCV1053318 Lab File ID: ACCV1.D Init. Calib. Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm)

COMPOUND	Expected	Found	%D / %Drift	Curve Type
1260-1	5889058.5	6722980	14.2	AVRG
1260-2	4926317.3	5751330	16.7	AVRG
1260-3	5151030.3	5914290	14.8	AVRG
1260-5	3245588.5	3531200	8.8	AVRG
1016-1	2691004.8	3055050	13.5	AVRG
1016-2	3738938.2	4162540	11.3	AVRG
1016-3	5775642.5	6270230	8.6	AVRG
1016-4	3710019.6	3682340	0.7	AVRG
1016-5	2637461.5	2983190	13.1	AVRG
1260-4	12788889	15289160	19.6	AVRG
==========	==========	==========	==========	==========
Decachlorobiphenyl(SURR)	20515004	21720060	5.9	AVRG

7

PCB ORGANIC CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505197

Instrument ID: SECD04 CalibrationDate: 02/14/12 Time: 1612

CCV ID: CCV1053319 Lab File ID: ACCV2R.D Init. Calib. Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP1 ID: 0.32 (mm)

COMPOUND	Expected	Found	%D / %Drift	Curve Type
1260-1	9549994.7	8998290	5.8	AVRG
1260-2	6981599.7	6410520	8.2	AVRG
1260-3	5457151.3	5107000	6.4	AVRG
1260-5	3273135.8	3269220	0.1	AVRG
1016-1	796990.61	764020	4.1	AVRG
1016-2	1107932	1023960	7.6	AVRG
1016-3	2776581.5	2507380	9.7	AVRG
1016-4	1326545.4	1247710	5.9	AVRG
1016-5	631604.11	608530	3.7	AVRG
1260-4	16654038	15562830	6.6	AVRG
==========				
Decachlorobiphenyl(SURR)	20479462	18722860	8.6	AVRG

7

PCB ORGANIC CONTINUING CALIBRATION DATA

Lab Name: Spectrum Analytical, Inc. Contract: NAS Key West JM22 / Parcel K / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505197

Instrument ID: SECD04 CalibrationDate: 02/14/12 Time: 1612

CCV ID: CCV1053320 Lab File ID: ACCV2R.D Init. Calib. Date Begin: 01/30/12 End: 01/30/12

GC Column: STX-CLP2 ID: 0.32 (mm)

COMPOUND	Expected	Found	%D / %Drift	Curve Type
1260-1	5889058.5	6242980	6.0	AVRG
1260-2	4926317.3	5264690	6.9	AVRG
1260-3	5151030.3	5345440	3.8	AVRG
1260-5	3245588.5	3176590	2.1	AVRG
1016-1	2691004.8	2842210	5.6	AVRG
1016-2	3738938.2	3851260	3.0	AVRG
1016-3	5775642.5	5915640	2.4	AVRG
1016-4	3710019.6	3509120	5.4	AVRG
1016-5	2637461.5	2547770	3.4	AVRG
1260-4	12788889	13908010	8.8	AVRG
==========				
Decachlorobiphenyl(SURR)	20515004	19903080	3.0	AVRG

Chain of Custody Documentation

240212 1614

PEL

A DIVISION OF SPECTRUM ANALYTICAL, INC. Featuring HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

3505197

Page 1 of 1

Special Handling:
TAT- Indicate Date Needed: 24 hr
· All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
· Samples disposed of after 60 days unless otherwise instructed.

Report To: Bethany Garvey
CH2M HILL
– on file –

Project Mgr.: Amy Twitty

Invoice To: Amy Twitty
CH2M HILL
– on file –

P.O. No.: _____ RQN: _____

Project No.: 395479
Site Name: Parcel K
Location: NAS KW State: FL
Sampler(s): Nikki Monroe

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8= $NaHSO_4$ 9= Hexane 10= _____ 11= _____

List preservative code below: 9

Notes:

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= WIPES X2= _____ X3= _____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: PCBs (8082)	QA/QC Reporting Level
-01	SM22-QCWIPE4-021312	2-13-12	11:00	G	X1			1		X	from excavator bucket

QA/QC Reporting Level
☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☒ Other CH2M HILL Level C
State specific reporting standards: _____

☑ E-mail to bgarvey@cham.com
EDD Format CH2M HILL

Condition upon receipt: ☒ Iced ☐ Ambient ☒ °C 5.9

Relinquished by:	Received by:	Date:	Time:
	Fed Ex	2-13-12	13:00
		2-14-12	1100

3505197

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FedEx Express US Airbill

FedEx Tracking Number **8736 0913 9482**

FedEx Acct. No. 0200

Recipient's Copy

1 From

Date 2-13-12

Sender's Name Nikki Moore Phone 504 432 1299

Company CHROME

Address 2441 Saxon Blvd

Dept./Floor/Suite/Room

City Deltona State FL ZIP 32725

2 Your Internal Billing Reference 3150179.0145.0501/22870

3 To

Recipient's Name Sample Receiving Phone 813 885 9507

Company PEL

Address 8405 Benjamin Rd. Suite A

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City Tampa State FL ZIP 33634

HOLD Weekday
FedEx location address REQUIRED. NOT available for FedEx First Overnight.

HOLD Saturday
FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

8736 0913 9482

4a Express Package Service * To most locations. *Packages up to 150 lbs.*

- [x] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.*
- [x] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

4b Express Freight Service ** To most locations. *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected. FedEx 1Day Freight Booking No.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak and FedEx Large Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

6 Special Handling and Delivery Signature Options

- [ ] SATURDAY Delivery — NOT available for FedEx Standard Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. *Fee applies.*

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

- [ ] Cargo Aircraft Only

7 Payment *Bill to:*

- [x] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. [ ]

Total Packages	Total Weight	Total Declared Value†	Credit Card Auth.
1	5 lbs.	$ .00	

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

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3505197

58

SAMPLE RECEIPT CONFIRMATION SHEET

Client Information

SDG:	3505197	**Req:**	89810
Client:	CH2M Hill	**Project:**	JM-22
Level:	4	**Date Rec'd:**	2/14/2012 11:00:00 AM
Rec'd via:	Fed-Ex	**Due Date:**	2/15/2012

Sample Verification

Samples/Cooler Secure?	Yes	**All Samples on COC accounted For?**	Yes
Temperature of Samples(Celsius)	5.9C	**All Samples Rec'd Intact?**	Yes
pH Verified?	No	**Sample Vol. Sufficient For Analysis**	Yes
pH WNL?	No	**Samples Rec'd W/I Hold Time?**	Yes
Soil Origin (Domestic/Foreign):		**Are All Samples to be Analyzed?**	Yes
Site Location/Project on COC?	Yes	**Correct Sample Containers?**	Yes
Client Project # on COC?	Yes	**COC Comments written on COC?**	Yes
Project Mgr. Indicated on COC?	Yes	**Samplers Initials on COC?**	Yes
COC relinquished/Dated by Client?	Yes	**Sample Date/Time Indicated?**	Yes
COC Received/Dated by SA?	Yes	**TAT Requested:**	RUSH
Specific Subcontract Indicated?	No	**Client Requests Verbal Results?**	No
Samples Received By	Fed-Ex	**Client Requests Faxed Results?**	No
SA to Conduct ALL Analyses?	Yes		
Radioactivity Check?	No		
COC Present?	Yes		

LABEL REVIEW _____

PEER REVIEW MG

Tuesday, February 14, 2012

Client: CH2M Hill

WONo: 3505197 **Profile Name:** NAS Key We **Profile #:** 89810

MATRIX **P**

Sample #	Bottle	Parameter	Check	Received	Date
01	001	8082 PCB	In	Nicole Labus	2/14/2012 11:22:14 AM
01	001	8082 PCB	Consumed	Tammy Reuter	2/14/2012 12:18:21 PM

Addendum

240212 1614

Letter of Acceptance

Customer Name: CH2M Hill

Date and Time Received: 2/14/2012 11:00:00 AM

Date to be Reported: 2/28/2012

Laboratory Submission Number/SDG: 3505197

Get Detailed Analyte List here: www.pelab.com/webdms/Default.asp?LoaSDG=3505197

Project: NAS Key West JM22 / Parcel K / 395479

Samples: The submission consisted of 1 samples, including QC, with sample identification shown in the attached data tables.

Tests: The Samples will be analyzed for EPA methods: 8082.

Sample Custody/COC discrepancies:

None.

Notes:

Temp 5.9C
24 hr TAT, no later than 2-15-12

Distribution of Report to:

CH2M Hill
Attn: Kama White

Note: Submitted material will be retained for 30 days unless otherwise requested by client or consumed in analysis. PEL letters and reports are for the exclusive use of the client to whom they are addressed. Our letters and reports apply to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar materials

Log-in Report

Level: 4

Total of: 1 analyses on 4 samples (including QC) *15-Feb-12*

Report/SDG #: 3505197

SampleID	LAB ID	StationID	Matrix	SampleDate	ReceiveDate
JM22-QCWIPE4-021312	350519701		P	2/13/2012 11:00:00 AM	2/14/2012 11:00:00 AM

Method		
8082	PCB	8082

Mark Gudnason [Tampa]

From: Mark Gudnason [Tampa]
Sent: Tuesday, February 14, 2012 5:48 PM
To: 'Bethany.Garvey@CH2M.com'
Cc: Camden.Robinson@CH2M.com
Subject: NAS Key West JM22 / Parcel K: 3505197-prelims.pdf

Attachments: 3505197-prelims.pdf

3505197-prelims.pdf (92 KB)

Attached are the results from the wipe sample received this morning.

Mark

The message is ready to be sent with the following file or link attachments:

3505197-prelims.pdf

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

PCB ORGANIC ANALYSIS DATA SHEET

DRAFT

EPA Sample No.: JM22-QCWIPE4-021312

Lab Name: Spectrum Analytical, Inc. Contract: JM22 / Parcel K / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505197

Matrix: WIPE Lab Sample ID: 350519701 Lab File ID: 19701.D

Sample wt/vol: 1 Units: G Date Received: 02/14/12

Concentrated Extract Volume: 10 Date Extracted: 02/14/12

Level:(low/med) LOW Date Analyzed: 02/14/12 Time: 1516

PercentSolids: 100 decanted : (Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/WIPE

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.99	U	0.43	0.99
11096-82-5	Aroclor-1260	1.3		0.23	0.99
11104-28-2	Aroclor-1221	0.99	U	0.4	0.99
11141-16-5	Aroclor-1232	0.99	U	0.66	0.99
53469-21-9	Aroclor-1242	0.99	U	0.36	0.99
12672-29-6	Aroclor-1248	0.99	U	0.36	0.99
11097-69-1	Aroclor-1254	0.99	U	0.31	0.99

Results reported on Primary Column, if RPD >40% results flagged accordingly.

PCB ORGANIC ANALYSIS DATA SHEET

DRAFT

EPA Sample No.: 116707MB

Lab Name: Spectrum Analytical, Inc. Contract: JM22 / Parcel K / 395479

Lab Code : PEL Case No.: SAS No: SDG No.: 3505197

Matrix WIPE Lab Sample ID: 116707MB Lab File ID: 8282MB.D

Sample wt/vol: 1 Units: G Date Received: 02/14/12

Concentrated Extract Volume: 10 Date Extracted: 02/14/12

Level:(low/med) LOW Date Analyzed: 02/14/12 Time: 1430

PercentSolids: 100 decanted : Dilution Factor: 1

Extraction: SONC Station ID: Method: 8082

GPC Cleanup : (Y/N) N pH:

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

CONCENTRATION UNITS: UG/WIPE

CAS NO.	*ANALYTE*	*RESULT*	*Q*	*MDL*	*RL*
12674-11-2	Aroclor-1016	0.99	U	0.43	0.99
11096-82-5	Aroclor-1260	0.99	U	0.23	0.99
11104-28-2	Aroclor-1221	0.99	U	0.4	0.99
11141-16-5	Aroclor-1232	0.99	U	0.66	0.99
53469-21-9	Aroclor-1242	0.99	U	0.36	0.99
12672-29-6	Aroclor-1248	0.99	U	0.36	0.99
11097-69-1	Aroclor-1254	0.99	U	0.31	0.99

Results reported on Primary Column, if RPD >40% results flagged accordingly.

WIPE PCB ORGANIC SURROGATE RECOVERY

DRAFT

Lab Name: Spectrum Analytical, Inc. Contract: JM22 / Parcel K / 395479

Lab Code : PEL Case No. SAS No: SDG NO.: 3505197

Column(1): STX-CLP1 ID: 0.32 (mm) Column(2): STX-CLP2 ID: 0.32 (mm)

EPA Sample NO.	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	TOT OUT
116707MB	110.0						0
116708LCS	110.0						0
116709LCSD	110.0						0
JM22-QCWIPE4-021312	84.0						0

Control Limits

S1 = Decachlorobiphenyl 33 - 140

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

Control limit source: (lab/method) METHOD

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Form II

140212 1743

3

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

DRAFT

EPA Sample No.: 116708LCS

Lab Name: Spectrum Analytical, Inc. Contract: JM22 / Parcel K / 395479

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

COMPOUND	SPIKE ADDED ug/wipe	LCS CONCENTRATION ug/wipe	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10	8	80.0			43 - 137
Aroclor-1260	10	9	90.0			48 - 154

Spike Recovery: 0 out of 2 outside limits

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS:

140212 1743

Form III

PCB ORGANIC LAB CONTROL SAMPLE RECOVERY

DRAFT

EPA Sample No.: 116709LCSD

Lab Name: Spectrum Analytical, Inc. Contract: JM22 / Parcel K / 395479

Lab Code : PEL Case No. SAS No: SDG No.: 3505197

COMPOUND	SPIKE ADDED ug/wipe	LCS CONCENTRATION ug/wipe	LCS % REC #	LCS % RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	10	8.4	84.0	4.9	30	43 - 137
Aroclor-1260	10	9.4	94.0	4.3	30	48 - 154

Spike Recovery: 0 out of 2 outside limits

Results reported on Primary Column, if RPD >40% results flagged accordingly.

Column to be used to flag recovery values with an asterisk

* Values outside QC limits

Control limit source: (lab/method) METHOD

COMMENTS: _____

140212 1743

Form III

Appendix

240212 1614

Raw Data Method 8082

SEQUENCE CHECK

SDG: 3505197 **Method:** 8082

SAMPLE ID	LAB ID	InitialCal Reference	FILE	BATCH	COL	INSTRUMENT	RUN DATE	DILUTION
STD1050547	44134	SECD0401/30/12-1429~E4021012	32CAL3.D	E4021012	1	SECD04	01/30/12 12:13	1
STD1052554	44134	SECD0401/30/12-1429~E4021012	32CAL3.D	E4021012	2	SECD04	01/30/12 12:13	1
STD1050548	44821	SECD0401/30/12-1429~E4021012	42CAL3.D	E4021012	1	SECD04	01/30/12 12:28	1
STD1052555	44821	SECD0401/30/12-1429~E4021012	42CAL3.D	E4021012	2	SECD04	01/30/12 12:28	1
STD1050549	44340	SECD0401/30/12-1429~E4021012	48CAL3.D	E4021012	1	SECD04	01/30/12 12:43	1
STD1052556	44340	SECD0401/30/12-1429~E4021012	48CAL3.D	E4021012	2	SECD04	01/30/12 12:43	1
STD1050546	44135	SECD0401/30/12-1429~E4021012	2154CAL3.D	E4021012	1	SECD04	01/30/12 12:58	1
STD1052553	44135	SECD0401/30/12-1429~E4021012	2154CAL3.D	E4021012	2	SECD04	01/30/12 12:58	1
STD1050555	44123	SECD0401/30/12-1429~E4021012	ACAL6.D	E4021012	1	SECD04	01/30/12 13:13	1
STD1052562	44123	SECD0401/30/12-1429~E4021012	ACAL6.D	E4021012	2	SECD04	01/30/12 13:13	1
STD1050554	44124	SECD0401/30/12-1429~E4021012	ACAL5.D	E4021012	1	SECD04	01/30/12 13:28	1
STD1052561	44124	SECD0401/30/12-1429~E4021012	ACAL5.D	E4021012	2	SECD04	01/30/12 13:28	1
STD1050553	44125	SECD0401/30/12-1429~E4021012	ACAL4.D	E4021012	1	SECD04	01/30/12 13:44	1
STD1052560	44125	SECD0401/30/12-1429~E4021012	ACAL4.D	E4021012	2	SECD04	01/30/12 13:44	1
STD1050552	44593	SECD0401/30/12-1429~E4021012	ACAL3.D	E4021012	1	SECD04	01/30/12 13:59	1
STD1052559	44593	SECD0401/30/12-1429~E4021012	ACAL3.D	E4021012	2	SECD04	01/30/12 13:59	1
STD1050551	44127	SECD0401/30/12-1429~E4021012	ACAL2.D	E4021012	1	SECD04	01/30/12 14:14	1
STD1052558	44127	SECD0401/30/12-1429~E4021012	ACAL2.D	E4021012	2	SECD04	01/30/12 14:14	1
STD1050550	44128	SECD0401/30/12-1429~E4021012	ACAL1.D	E4021012	1	SECD04	01/30/12 14:29	1
STD1052557	44128	SECD0401/30/12-1429~E4021012	ACAL1.D	E4021012	2	SECD04	01/30/12 14:29	1
SSC1050560	43164	SECD0401/30/12-1429~E4021012	ASEC.D	E4021012	1	SECD04	01/30/12 14:44	1
SSC1052567	43164	SECD0401/30/12-1429~E4021012	ASEC.D	E4021012	2	SECD04	01/30/12 14:44	1
CCV1053317	44593	SECD0401/30/12-1429~E4021012	ACCV1.D	E4021412W	1	SECD04	02/14/12 14:01	1
CCV1053318	44593	SECD0401/30/12-1429~E4021012	ACCV1.D	E4021412W	2	SECD04	02/14/12 14:01	1
116707MB	116707MB	SECD0401/30/12-1429~E4021012	8282MB.D	E4021412W	1	SECD04	02/14/12 14:30	1
116707MB	116707MB	SECD0401/30/12-1429~E4021012	8282MB.D	E4021412W	2	SECD04	02/14/12 14:30	1
116708LCS	116708LCS	SECD0401/30/12-1429~E4021012	8282LCS.D	E4021412W	1	SECD04	02/14/12 14:45	1
116708LCS	116708LCS	SECD0401/30/12-1429~E4021012	8282LCS.D	E4021412W	2	SECD04	02/14/12 14:45	1
116709LCSD	116709LCSD	SECD0401/30/12-1429~E4021012	8282LCSD.D	E4021412W	1	SECD04	02/14/12 15:01	1
116709LCSD	116709LCSD	SECD0401/30/12-1429~E4021012	8282LCSD.D	E4021412W	2	SECD04	02/14/12 15:01	1
JM22-QCWIPE4-021	350519701	SECD0401/30/12-1429~E4021012	19701.D	E4021412W	1	SECD04	02/14/12 15:16	1
JM22-QCWIPE4-021	350519701	SECD0401/30/12-1429~E4021012	19701.D	E4021412W	2	SECD04	02/14/12 15:16	1
CCV1053319	45004	SECD0401/30/12-1429~E4021012	ACCV2R.D	E4021412W	1	SECD04	02/14/12 16:12	1

CCV1053320	45004	SECD0401/30/12-1429~E4021012	ACCV2R.D	E4021412W	2	SECD04	02/14/12 16:12	1

Analyst Posted: Date

Analyst Reviewed: Date

Extraction Method	3580

Extraction Log 8082 Soil Ext

Batch ID 8282

Start: 2/14/2012 12:00:00 PM
End: 2/14/2012 1:52:33 PM

Water Bath Temp: 23 °C

Thermometer ID: 2 **Balance ID:** P35923

Final

Batch ID: 8282

Lab ID	Cont	Client ID	Date Samp	Type	Odor	Color	Sed	Initial	Final	pH	Standards	Cleanups	Archive
350519701	1	JM22-QCWIPE4-02131	2/13/2012 11:00:00 AM	SAMPLE	none	clear	none	1 wipe	10 mL		1mL 81/82wkg_surr: 44850 @ 1.0 ug/mL;		FUJ
116707MB		116707MB		MB	none	clear	none	1 G	10 mL		1mL 81/82wkg_surr: 44850 @ 1.0 ug/mL;		FUJ
116708LCS		116708LCS		LCS	none	clear	none	1 G	10 mL		1mL 8082wkg_spk: 44851 @ 10 ug/mL; 1mL 81/82wkg_surr: 44850 @ 1.0 ug/mL;		FUJ
116709LCSD		116709LCSD		LCSD	none	clear	none	1 G	10 mL		1mL 8082wkg_spk: 44851 @ 10 ug/mL; 1mL 81/82wkg_surr: 44850 @ 1.0 ug/mL;		FUJ

3505197

Batch ID: 8282

Lab ID	Cont	Client ID	Date Samp	Type	Odor	Color	Sed	Initial	Final	pH	Standards	Cleanups	Archive

Initial Solvent 44540

Final Solvent 44540

Sand 44926

Name: Tammy Reuter Title: Prep Tech 2/14/2012 1:52:33 PM

Analyst Posted treuter Date

Signature:

Name: Christelle Abadia Title: Chemist 2/14/2012 1:57:16 PM

Peer Reviewed cabadia Date

2/14/2012 4:4

Analyst Reviewed rortiz Date

3505197

Comments:

Sample Comments

Lab ID	Client ID	Comments
116707MB	116707MB	
116708LCS	116708LCS	
116709LCSD	116709LCSD	
350519701	JM22-QCWIPE4-021312	

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
30431	8082_US1254_STK	Ultra EPA-1352	CD-2216	8/31/2015	1 ML	8/21/2009	spruskin
1000 UG/ML: Aroclor-1254							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
30731	8082_US1660_Stk	Ultra Scientific - PP	CD-0236	3/31/2014	1 ML	9/11/2009	jwood
1000 UG/ML: Aroclor-1016, Aroclor-1260							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
30899	8082_US1242_STK	Ultra PP-311	CE-3255	10/31/2016	1 ML	9/24/2009	spruskin
100 UG/ML: Aroclor-1242							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
32246	8082_RT1248_STK	Restek	A065176	2/28/2016	1 ML	12/22/2009	lkeene
1000 UG/ML: Aroclor-1248							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
34845	8082_US1221_STK	Ultra EPA-1292	CE-0015	2/29/2016	1 ML	6/8/2010	spruskin
1000 UG/ML: Aroclor-1221							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
37163	8082_US1232_STK	Ultra PP-301	CC-3294A	12/31/2013	1 ML	10/7/2010	lkeene
100 UG/ML: Aroclor-1232							

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
37165	8082_US1232_STK	Ultra PP-301	CC-3294A	12/31/2013	1 ML	10/7/2010	lkeene
100 UG/ML: Aroclor-1232							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
39785	8082_RK1660stk	Restek - 32039	A075005	6/30/2017	1 ML	2/23/2011	pconklin
1000 UG/ML: Aroclor-1016, Aroclor-1260							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
39787	8082_RK1660stk	Restek - 32039	A075005	6/30/2017	1 ML	2/23/2011	pconklin
1000 UG/ML: Aroclor-1016, Aroclor-1260							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
41047	Hex	Fisher Scientific	106327	4/27/2012	4 L	4/27/2011	fcolosi

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
41502	8081_SURRSP_STK	Ultra Scientific -ISM	CG-3165	10/31/2013	1 ML	5/23/2011	cabadia
200 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene							

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
42191	ACE	Fisher	108096	7/8/2016	32 L	7/8/2011	mpatel

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
42196	Hex	Fisher Scientific	110143	7/8/2016	32 L	7/8/2011	cabadia

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43163	8082_seccv_int			3/23/2012	5 ML	9/23/2011	cabadia

1 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
10 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

39785: 50 UL 41047: 4925 UL 41502: 25 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43164	8082_sec_wkg			3/23/2012	5 ML	9/23/2011	cabadia

0.05 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
0.5 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

41047: 4750 UL 43163: 250 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43339	8081_SURRSP_STK	Ultra Scientific -ISM	CG-3165	10/31/2013	1 ML	10/11/2011	rortiz

200 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43846	ACE	JT BAker	114486	11/17/2012	16 L	11/17/2011	dyoung

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
43848	Hex	Fisher Scientific	115615	11/17/2012	16 L	11/17/2011	dyoung

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44100	Hex	Fisher Scientific	115118	12/19/2012	16 L	12/9/2011	treuter

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44122	8082_1660INT			6/12/2012	10 ML	12/12/2011	NSUBAR

1 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
10 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

30731: 100 UL 43339: 50 UL 44100: 9850 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44123	8082_acal6_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.25 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
2.5 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

44100: 3750 UL 44122: 1250 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44124	8082_acal5_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.2 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
2 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

44100: 4000 UL 44122: 1000 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44125	8082_acal4_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.1 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
1 UG/ML: Aroclor-1016, Aroclor-1260

STANDARDS LOG

COMPOSED OF:

44100: 4500 UL 44122: 500 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44127	8082_acal2_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.01 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
0.1 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

44100: 4950 UL 44122: 50 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44128	8082_acal1_wkg			6/12/2012	10 ML	12/12/2011	NSUBAR

0.003 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
0.03 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

44100: 9970 UL 44122: 30 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44130	2154_cal4_int			6/12/2012	10 ML	12/12/2011	NSUBAR

10 UG/ML: Aroclor-1221, Aroclor-1254

COMPOSED OF:

30431: 100 UL 34845: 100 UL 44100: 8900 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44132	1232_cal4_int			6/12/2012	5 ML	12/12/2011	NSUBAR

10 UG/ML: Aroclor-1232

COMPOSED OF:

37163: 200 UL 37165: 300 UL 44100: 4500 UL

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44134	1232_cal3_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.5 UG/ML: Aroclor-1232

COMPOSED OF:

44100: 4750 UL 44132: 250 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44135	2154_cal3_wkg			6/12/2012	5 ML	12/12/2011	NSUBAR

0.5 UG/ML: Aroclor-1221, Aroclor-1254

COMPOSED OF:

44100: 4750 UL 44130: 250 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44338	1248_cal4_int			6/28/2012	5 ML	12/28/2011	NSUBAR

10 UG/ML: Aroclor-1248

COMPOSED OF:

32246: 50 UL 44100: 4950 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44340	8082_acal3_wkg			6/28/2012	10 ML	12/28/2011	NSUBAR

0.5 UG/ML: Aroclor-1248

COMPOSED OF:

44100: 9500 UL 44338: 500 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44593	8082_acal3_wkg			6/12/2012	10 ML	1/12/2012	NSUBAR

0.05 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
0.5 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

43848: 9500 UL 44122: 500 UL

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44754	8081_SURRSP_STK	Ultra Scientific -ISM	CG-3165	10/31/2013	1 ML	1/24/2012	nsubar

200 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44777	1242_cal4_int			7/26/2012	5 ML	1/26/2012	nsubar

10 UG/ML: Aroclor-1242

COMPOSED OF:

30899: 500 UL 42196: 4500 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44821	8082_acal3_wkg			7/26/2012	10 ML	1/30/2012	cabadia

0.5 UG/ML: Aroclor-1242

COMPOSED OF:

42191: 9500 UL 44777: 500 UL

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44850	81/82wkg_surr			8/1/2012	100 ML	2/1/2012	cabadia

1 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene

COMPOSED OF:

43846: 99.5 ML 44754: 0.5 ML

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
44851	8082wkg_spk			8/1/2012	50 ML	2/1/2012	cabadia

10 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

39787: 500 UL 43846: 49.5 ML

STANDARDS LOG

Standard ID	Type	Manufacturer	Mfg Lot	Expires	Volume	Created on	Created by
45004	8082_acal3_wkg			6/12/2012	10 ML	2/14/2012	rortiz

0.05 UG/ML: Decachlorobiphenyl, Tetrachloro-m-xylene
0.5 UG/ML: Aroclor-1016, Aroclor-1260

COMPOSED OF:

43848: 9500 UL 44122: 500 UL

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\32CAL3.D
Report Date: 14-Feb-2012 17:03

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\32CAL3.D
Lab Smp Id: 44134 Client Smp ID: 32CAL3
Inj Date : 30-JAN-2012 12:13
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44134
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1232.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	19 1232-1	3.571	3.571	0.000	21931	0.10000	0.10
	20 1232-2	3.818	3.818	0.000	82885	0.10000	0.10
	21 1232-3	4.231	4.231	0.000	51774	0.10000	0.10
	22 1232-4	4.712	4.712	0.000	112453	0.10000	0.10(M)
	23 1232-5	4.836	4.836	0.000	53100	0.10000	0.10(M)
M	24 PCB 1232 Total				322143	0.50000	0.50

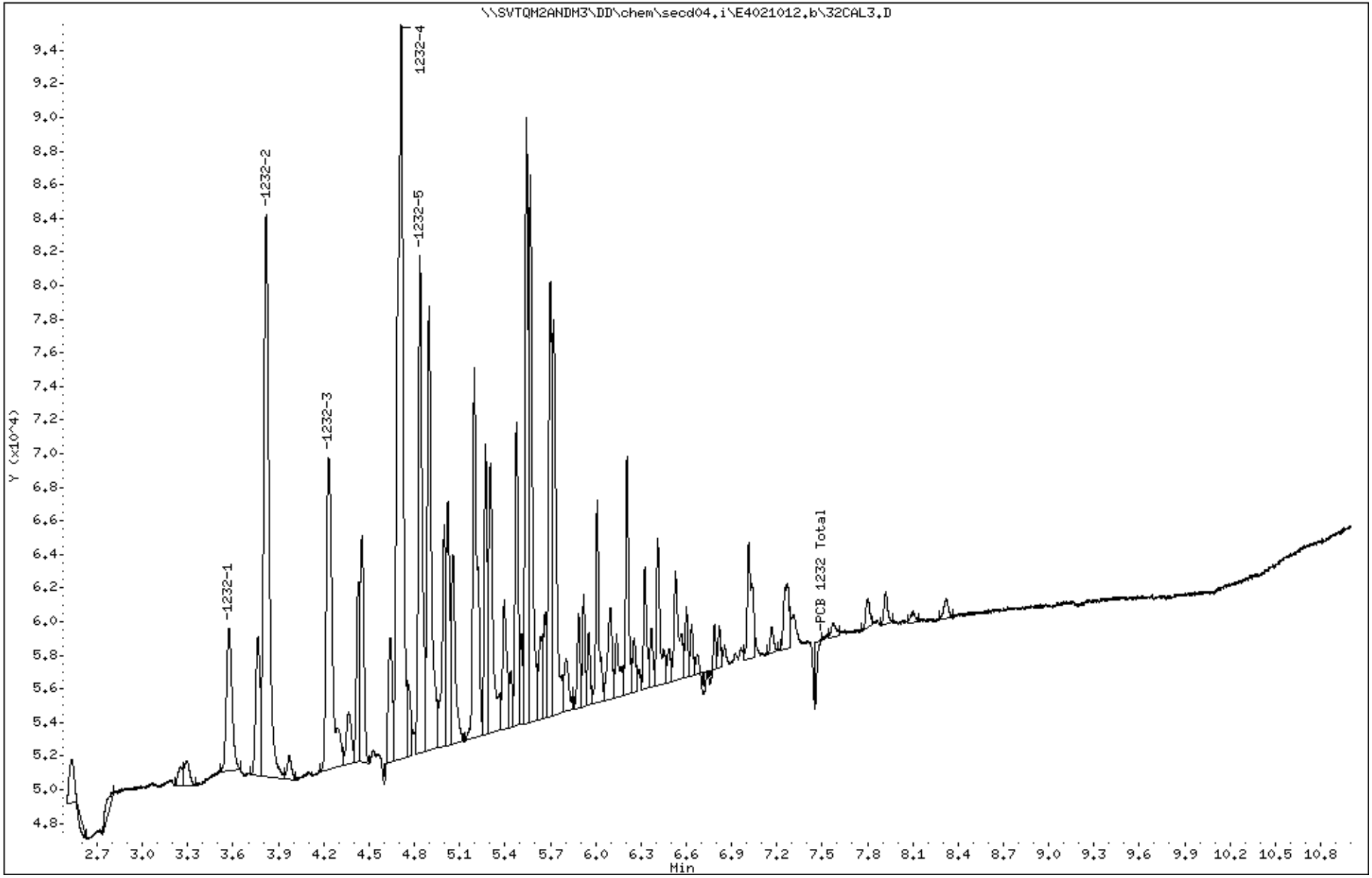
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\32CAL3.D
Date : 30-JAN-2012 12:13
Client ID: 32CAL3
Sample Info: 44134

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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Data File: 32CAL3.D
Report Date: 14-Feb-2012 17:03

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\32CAL3.D
Lab Smp Id: 44134 Client Smp ID: 32CAL3
Inj Date : 30-JAN-2012 12:13
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44134
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1232.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)	
19	1232-1	3.696	3.696	0.000	58585	0.10000		
20	1232-2	3.941	3.941	0.000	180835	0.10000		
21	1232-3	4.378	4.378	0.000	158656	0.10000		(M)
22	1232-4	4.624	4.624	0.000	71631	0.10000		
23	1232-5	4.820	4.820	0.000	216264	0.10000		
M 24	PCB 1232 Total				685971	0.50000		

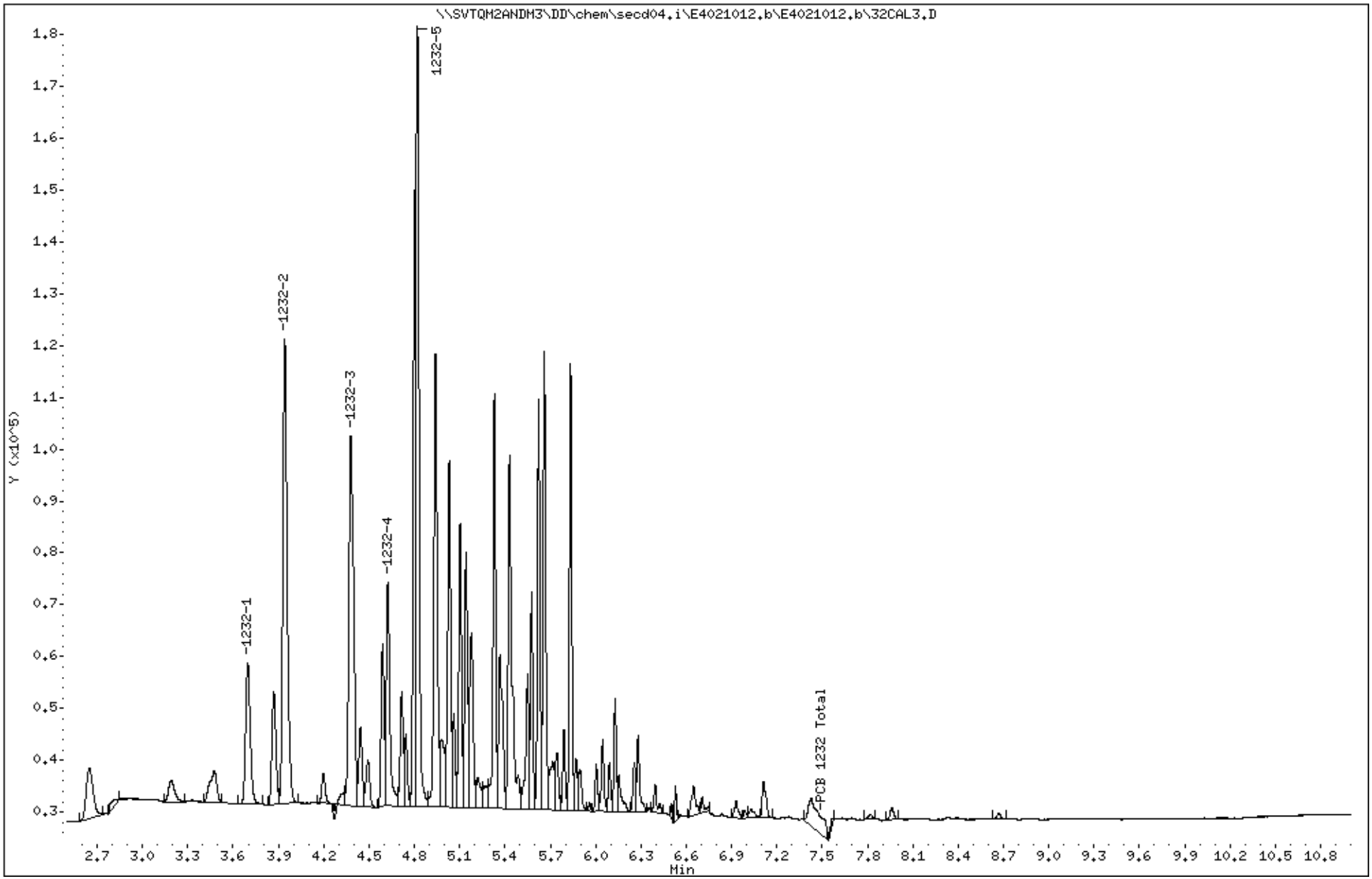
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\32CAL3.D
Date : 30-JAN-2012 12:13
Client ID: 32CAL3
Sample Info: 44134

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\42CAL3.D
Report Date: 14-Feb-2012 17:03

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\42CAL3.D
Lab Smp Id: 44821 Client Smp ID: 42CAL3
Inj Date : 30-JAN-2012 12:28
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44821
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1242.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	25 1242-1	3.818	3.818	0.000	57181	0.10000	0.10
	26 1242-2	4.233	4.233	0.000	81867	0.10000	0.10(M)
	27 1242-3	4.711	4.711	0.000	185773	0.10000	0.10(M)
	28 1242-4	4.836	4.836	0.000	89979	0.10000	0.10(M)
	29 1242-5	4.896	4.896	0.000	86969	0.10000	0.10(M)
M	30 PCB 1242 Total				501769	0.50000	0.50

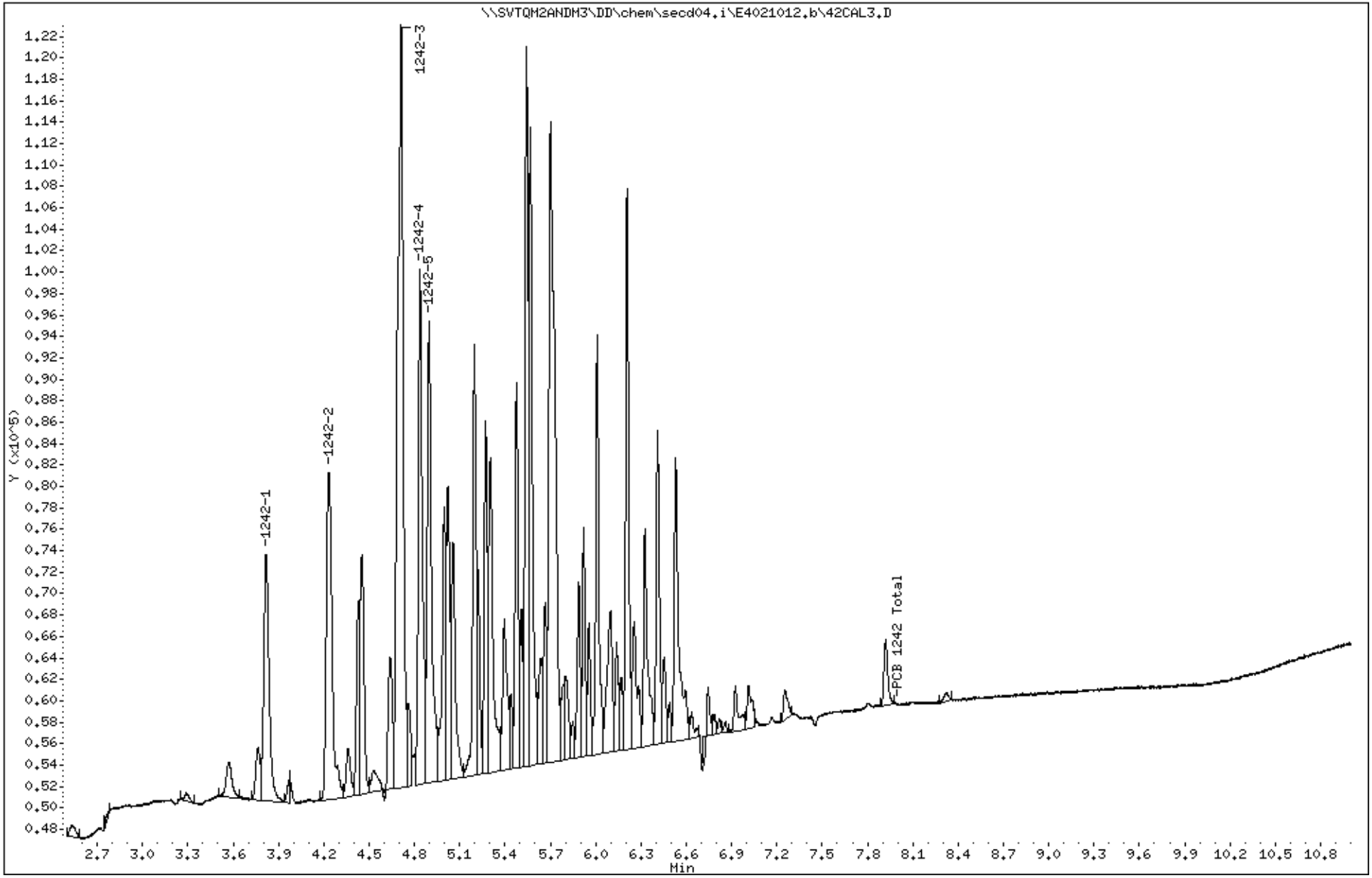
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\42CAL3.D
Date : 30-JAN-2012 12:28
Client ID: 42CAL3
Sample Info: 44821

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: 42CAL3.D
Report Date: 14-Feb-2012 17:03

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\42CAL3.D
Lab Smp Id: 44821 Client Smp ID: 42CAL3
Inj Date : 30-JAN-2012 12:28
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44821
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1242.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	
	25 1242-1	3.941	3.941	0.000	126682	0.10000		
	26 1242-2	4.378	4.378	0.000	252855	0.10000		(M)
	27 1242-3	4.820	4.820	0.000	577083	0.10000		(M)
	28 1242-4	4.940	4.940	0.000	228730	0.10000		(M)
	29 1242-5	5.030	5.030	0.000	149534	0.10000		(M)
M	30 PCB 1242 Total				1334884	0.50000		

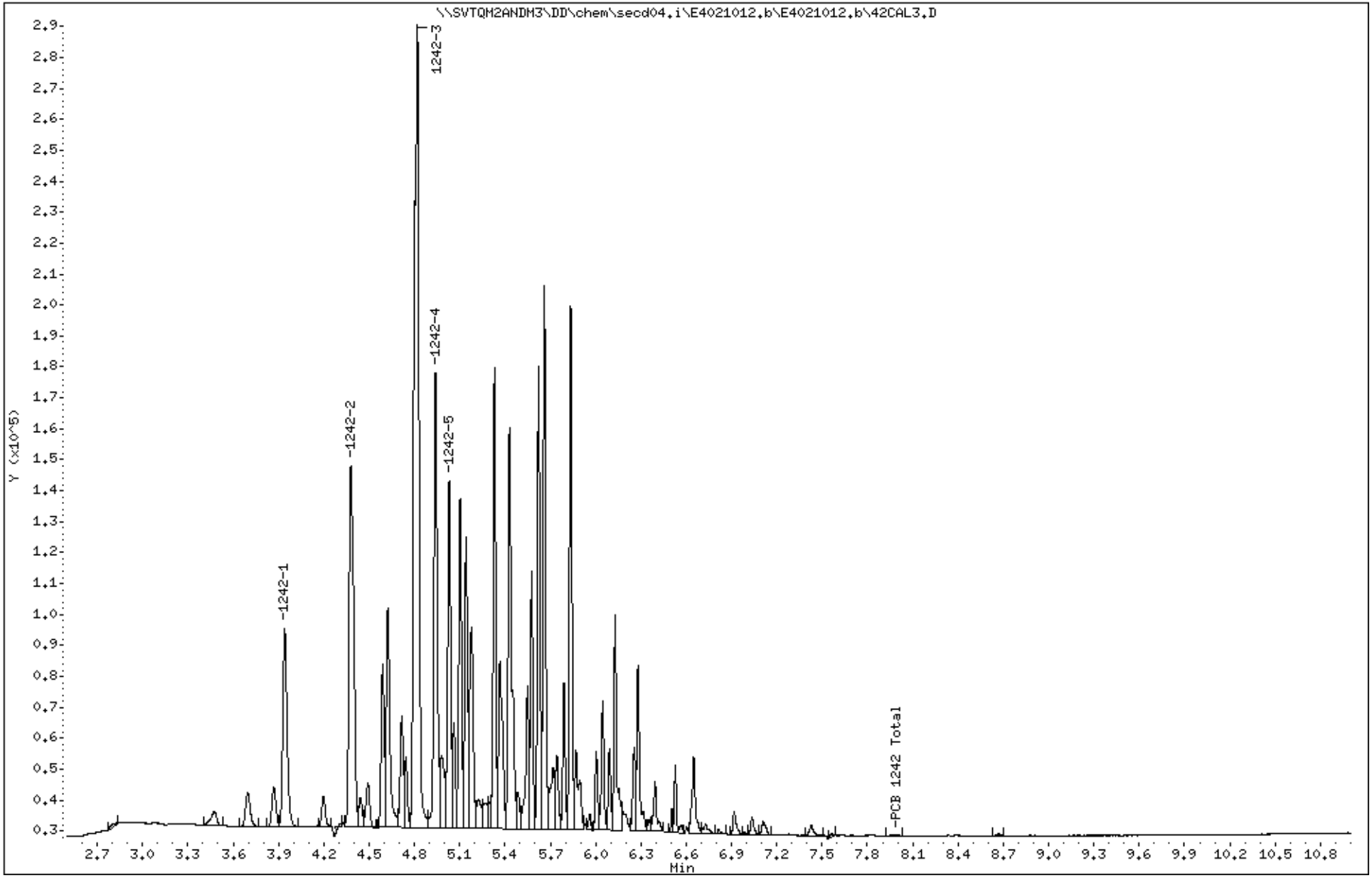
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\42CAL3.D
Date : 30-JAN-2012 12:28
Client ID: 42CAL3
Sample Info: 44821

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\48CAL3.D
Report Date: 14-Feb-2012 17:03

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\48CAL3.D
Lab Smp Id: 44340 Client Smp ID: 48CAL3
Inj Date : 30-JAN-2012 12:43
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44340
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1248.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	31 1248-1	4.715	4.715	0.000	129921	0.10000	0.10(M)
	32 1248-2	4.999	4.999	0.000	71955	0.10000	0.10(M)
	33 1248-3	5.274	5.274	0.000	83795	0.10000	0.10(M)
	34 1248-4	5.478	5.478	0.000	96557	0.10000	0.10(M)
	35 1248-5	5.544	5.544	0.000	185617	0.10000	0.10(M)
M	36 PCB 1248 Total				567845	0.50000	0.50

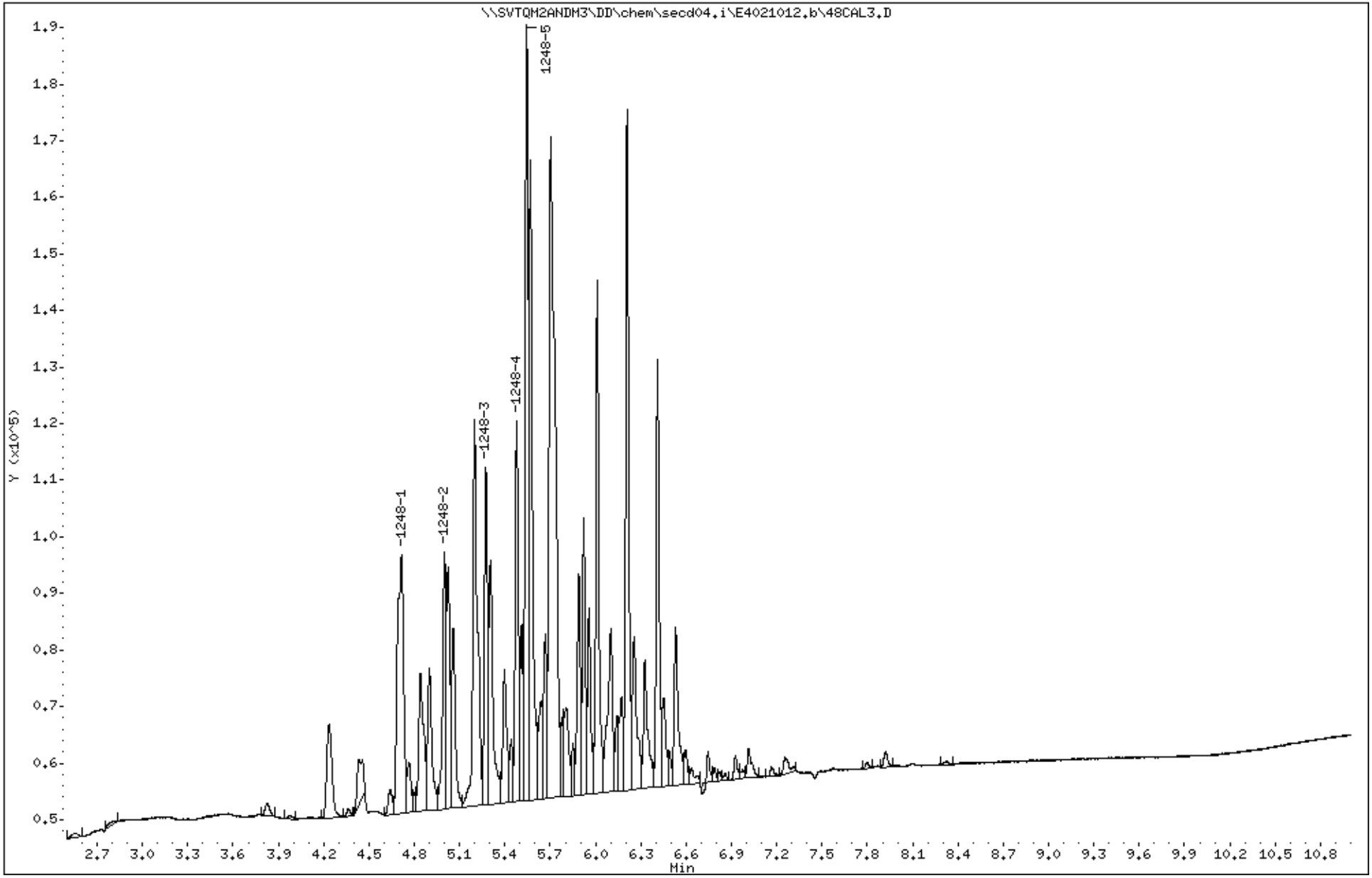
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\48CAL3.D
Date : 30-JAN-2012 12:43
Client ID: 48CAL3
Sample Info: 44340

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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Data File: 48CAL3.D
Report Date: 14-Feb-2012 17:03

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\48CAL3.D
Lab Smp Id: 44340 Client Smp ID: 48CAL3
Inj Date : 30-JAN-2012 12:43
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44340
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 1248.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	
31	1248-1	4.822	4.822	0.000	218656	0.10000		(M)
32	1248-2	5.104	5.104	0.000	243880	0.10000		(M)
33	1248-3	5.332	5.332	0.000	316147	0.10000		(M)
34	1248-4	5.624	5.624	0.000	359882	0.10000		(M)
35	1248-5	5.661	5.661	0.000	426459	0.10000		(M)
M 36	PCB 1248 Total				1565024	0.50000		

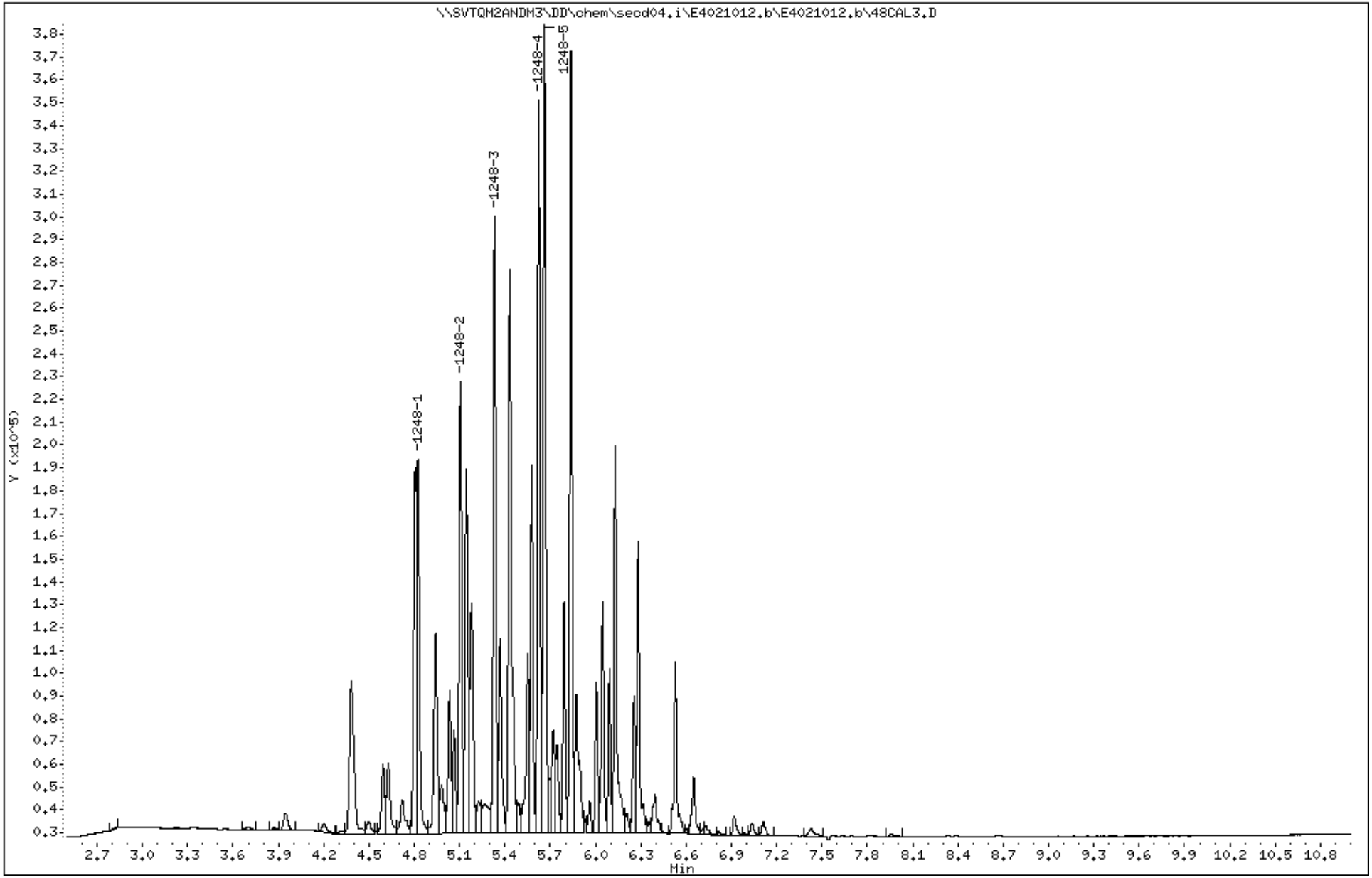
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\48CAL3.D
Date : 30-JAN-2012 12:43
Client ID: 48CAL3
Sample Info: 44340

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\2154CAL3.D
Report Date: 14-Feb-2012 17:03

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\2154CAL3.D
Lab Smp Id: 44135 Client Smp ID: 2154CAL3
Inj Date : 30-JAN-2012 12:58
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44135
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2154.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	13 1221-1	3.572	3.572	0.000	37400	0.17000	0.17
	14 1221-2	3.764	3.764	0.000	25414	0.17000	0.17
	15 1221-3	3.818	3.818	0.000	111807	0.17000	0.17
M	18 PCB 1221 Total				174621	0.50000	0.51
	37 1254-1	5.543	5.543	0.000	128847	0.10000	0.10(M)
	38 1254-2	5.705	5.705	0.000	313285	0.10000	0.10(M)
	39 1254-3	5.921	5.921	0.000	151925	0.10000	0.10(M)
	40 1254-4	6.010	6.010	0.000	313188	0.10000	0.10(M)
	41 1254-5	6.208	6.208	0.000	497659	0.10000	0.10(M)
M	42 PCB 1254 Total				1404904	0.50000	0.50

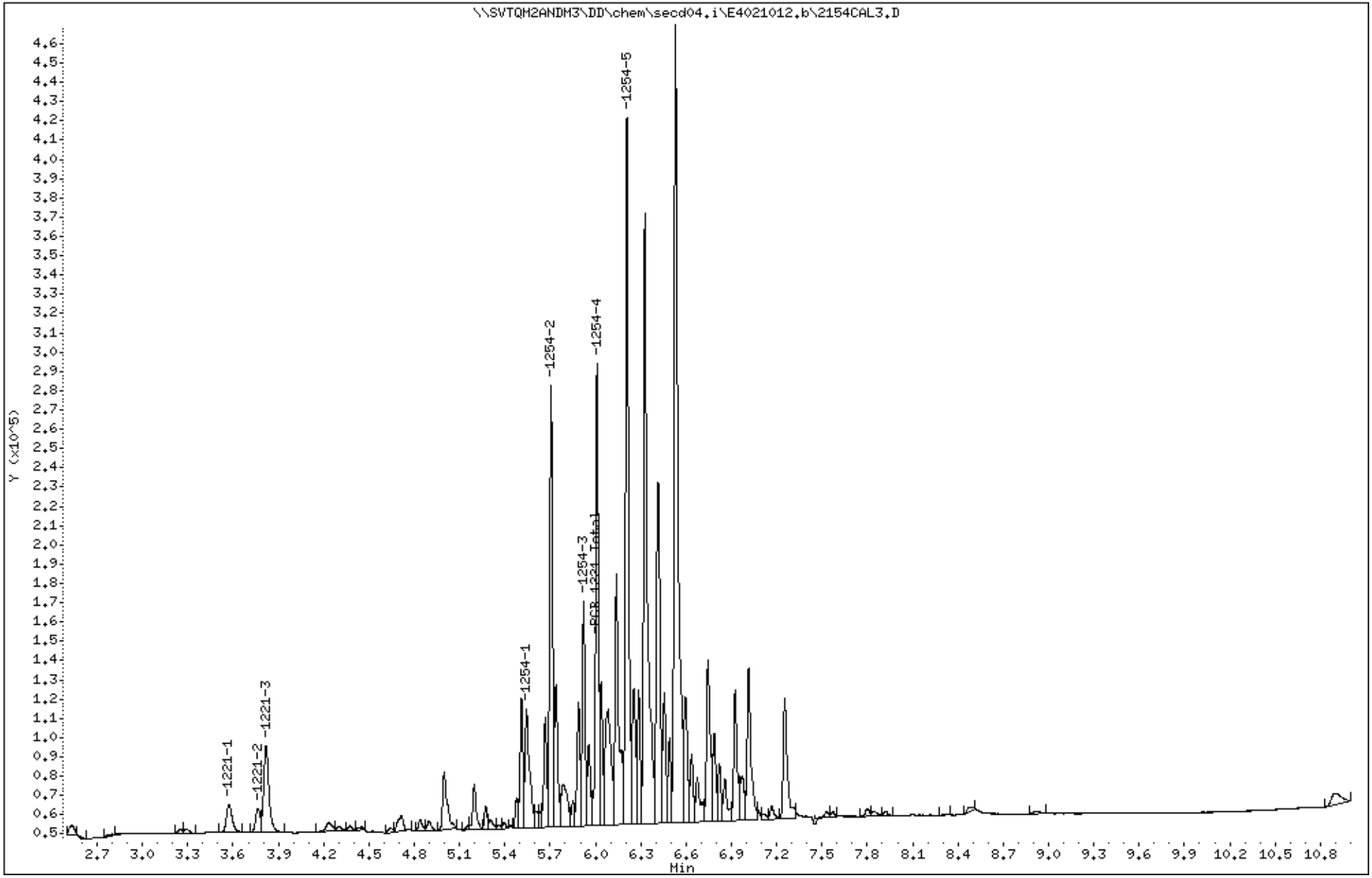
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\2154CAL3.D
Date : 30-JAN-2012 12:58
Client ID: 2154CAL3
Sample Info: 44135

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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Data File: 2154CAL3.D
Report Date: 14-Feb-2012 17:03

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\2154CAL3.D
Lab Smp Id: 44135 Client Smp ID: 2154CAL3
Inj Date : 30-JAN-2012 12:58
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44135
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 7 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 2154.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

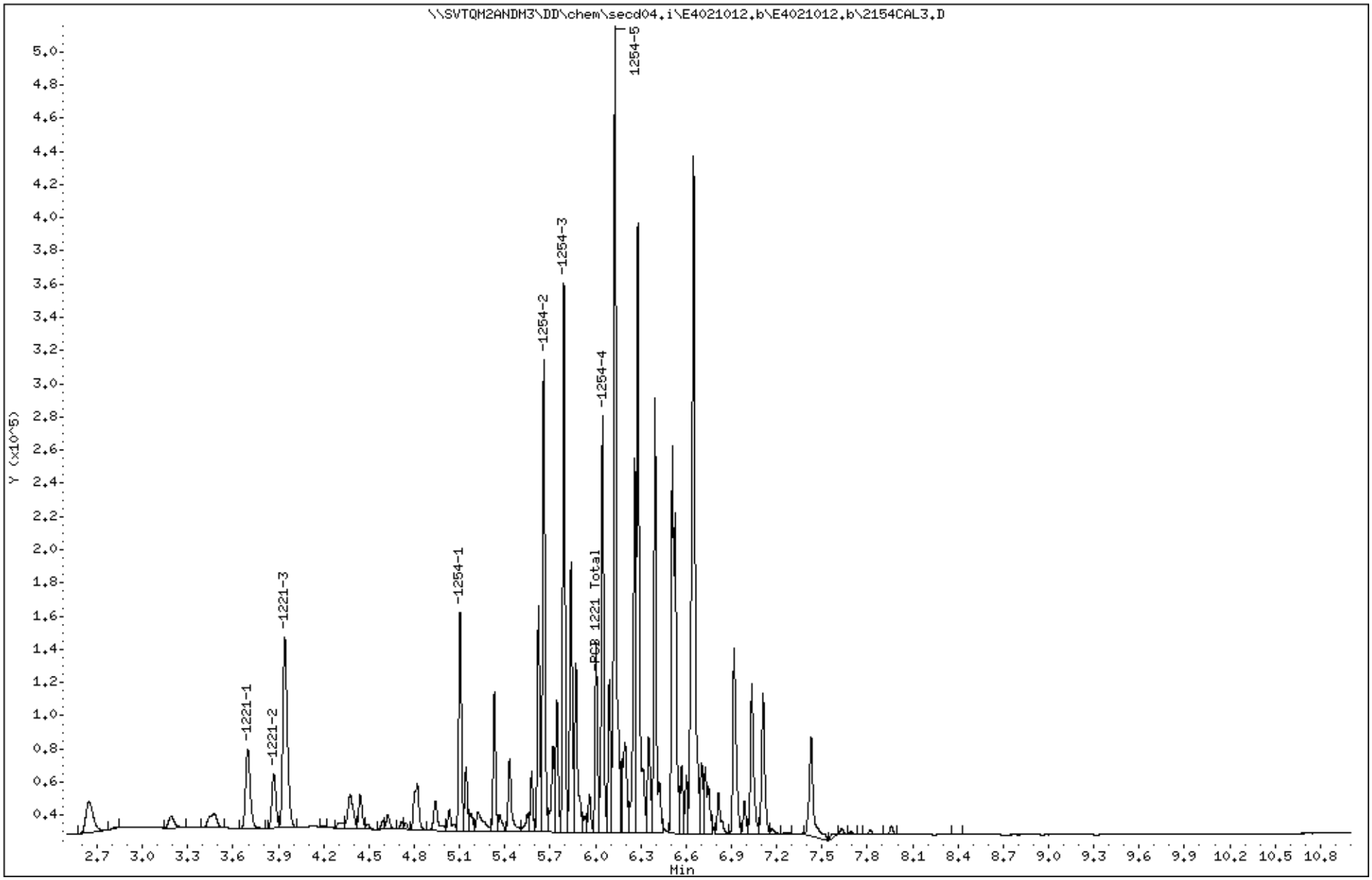
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)	
	13 1221-1	3.697	3.697	0.000	103772	0.17000		
	14 1221-2	3.869	3.869	0.000	62401	0.17000		
	15 1221-3	3.942	3.942	0.000	242208	0.17000		
M	18 PCB 1221 Total				408381	0.50000		
	37 1254-1	5.103	5.103	0.000	162043	0.10000		(M)
	38 1254-2	5.657	5.657	0.000	321432	0.10000		(M)
	39 1254-3	5.790	5.790	0.000	362224	0.10000		(M)
	40 1254-4	6.047	6.047	0.000	275440	0.10000		(M)
	41 1254-5	6.128	6.128	0.000	580367	0.10000		(M)
M	42 PCB 1254 Total				1701506	0.50000		

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\2154CAL3.D
Date : 30-JAN-2012 12:58
Client ID: 2154CAL3
Instrument: secd04.i
Sample Info: 44135
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL6.D
Report Date: 14-Feb-2012 17:03

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL6.D
Lab Smp Id: 44123 Client Smp ID: ACAL6
Inj Date : 30-JAN-2012 13:13
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44123
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.818	3.813	0.005	406276	0.50000	0.51(M)
	2 1016-2	4.234	4.228	0.006	526739	0.50000	0.48(M)
	3 1016-3	4.711	4.708	0.003	1315390	0.50000	0.47(M)
	4 1016-4	4.837	4.833	0.004	616215	0.50000	0.46(M)
	5 1016-5	5.272	5.269	0.003	298254	0.50000	0.47(M)
M	6 PCB 1016 Total				3162874	2.50000	2.4
	7 1260-1	6.326	6.326	0.000	5183345	0.50000	0.54(M)
	8 1260-2	6.603	6.603	0.000	3782647	0.50000	0.54(M)
	9 1260-3	6.788	6.788	0.000	2898125	0.50000	0.53(M)
	10 1260-4	7.013	7.014	-0.001	8995113	0.50000	0.54(M)
	11 1260-5	7.798	7.800	-0.002	1648161	0.50000	0.50
M	12 PCB 1260 Total				22507391	2.50000	2.6
$	45 decachlorobiphenyl	8.313	8.315	-0.002	5066599	0.25000	0.25

QC Flag Legend

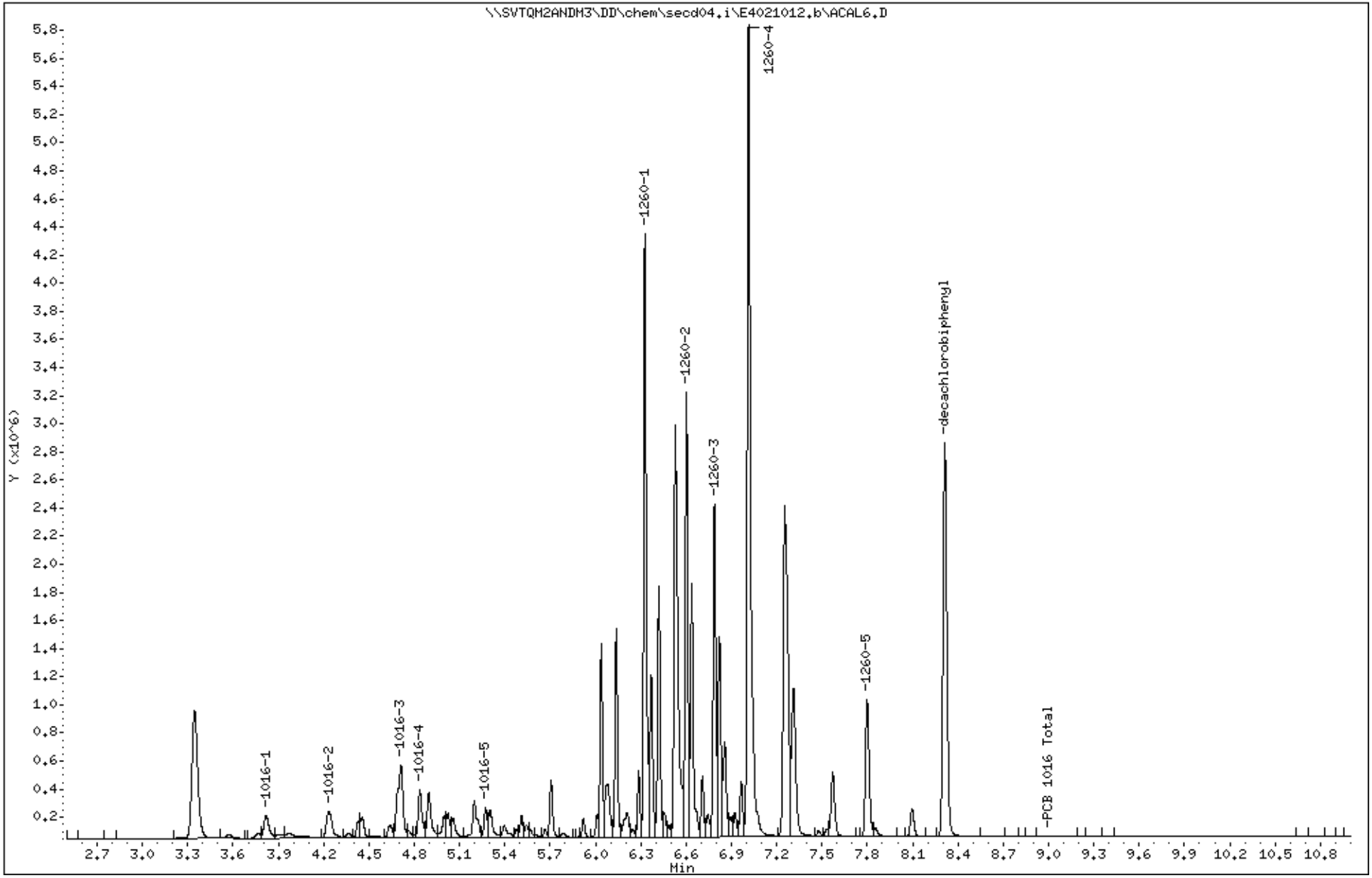
M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL6.D
Date : 30-JAN-2012 13:13
Client ID: ACAL6
Sample Info: 44123

Column phase: STX-CLP1

Instrument: secd04.i

Operator: PEL Labs
Column diameter: 0.32



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Data File: ACAL6.D
Report Date: 14-Feb-2012 17:03

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL6.D
Lab Smp Id: 44123 Client Smp ID: ACAL6
Inj Date : 30-JAN-2012 13:13
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44123
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)	
	1 1016-1	3.942	3.937	0.005	1344853	0.50000		
	2 1016-2	4.379	4.375	0.004	1867540	0.50000		
	3 1016-3	4.819	4.816	0.003	3024480	0.50000		(M)
	4 1016-4	4.939	4.936	0.003	1726940	0.50000		
	5 1016-5	5.330	5.327	0.003	1292013	0.50000		
M	6 PCB 1016 Total				9255826	2.50000		
	7 1260-1	6.393	6.391	0.002	2998841	0.50000		
	8 1260-2	6.707	6.705	0.002	2479871	0.50000		
	9 1260-3	6.930	6.927	0.003	2628378	0.50000		
	10 1260-4	7.110	7.107	0.003	6552980	0.50000		
	11 1260-5	7.958	7.956	0.002	1681510	0.50000		
M	12 PCB 1260 Total				16341580	2.50000		
$	45 decachlorobiphenyl	8.663	8.660	0.003	5193012	0.25000		

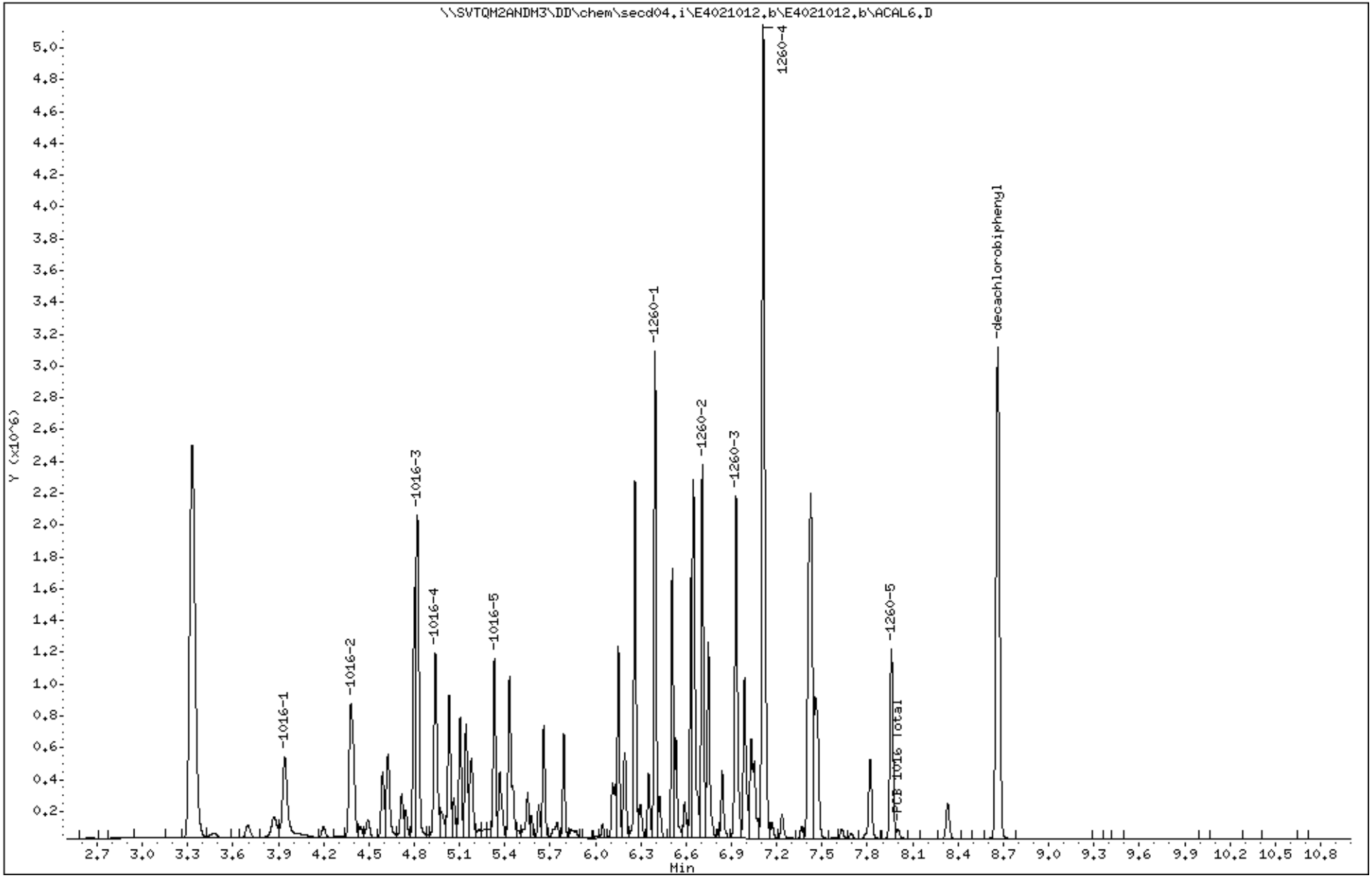
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL6.D
Date : 30-JAN-2012 13:13
Client ID: ACAL6
Sample Info: 44123

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL5.D
Report Date: 14-Feb-2012 17:03

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL5.D
Lab Smp Id: 44124 Client Smp ID: ACAL5
Inj Date : 30-JAN-2012 13:28
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44124
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 9 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

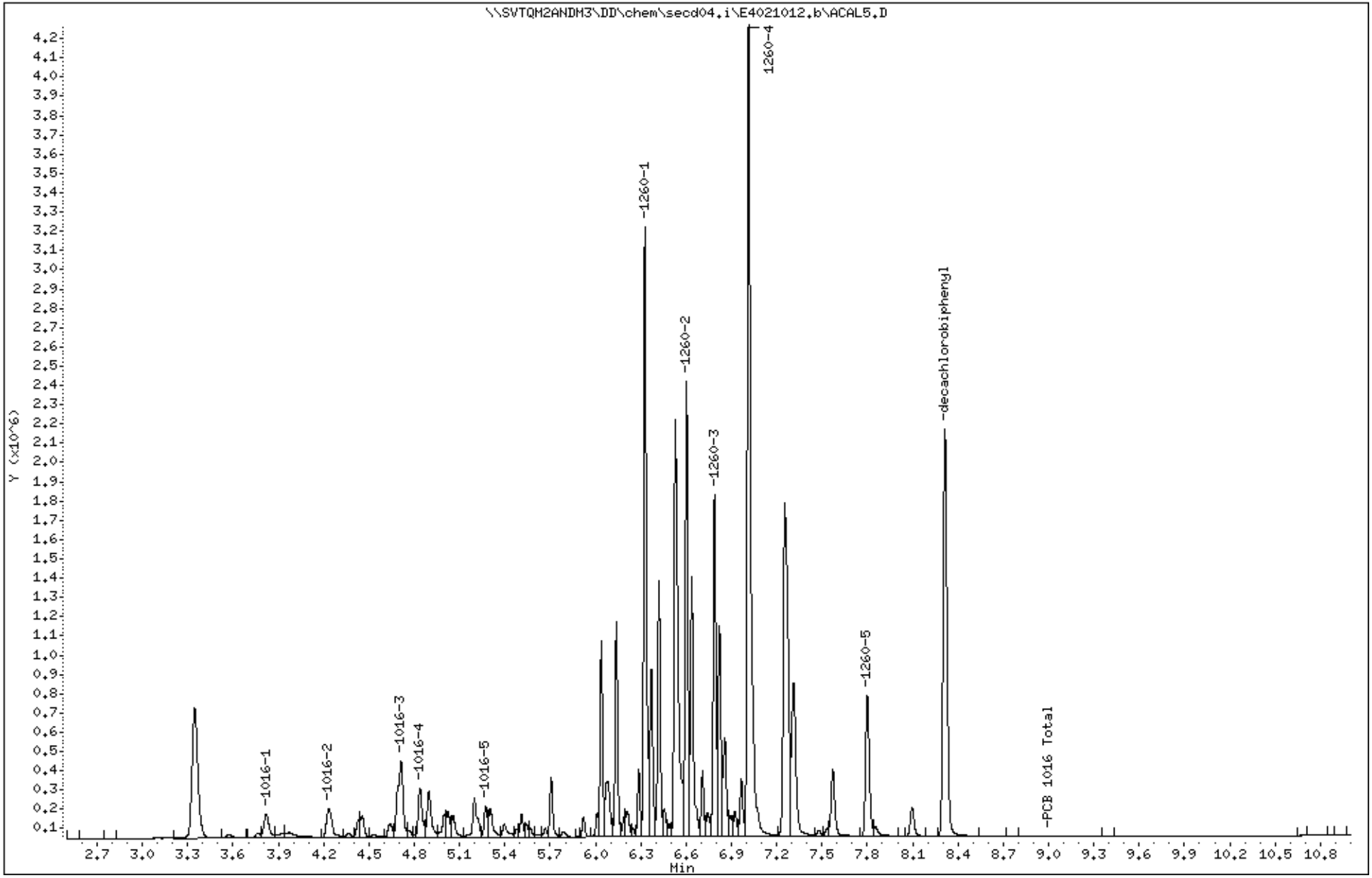
	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.819	3.813	0.006	310246	0.40000	0.39
	2 1016-2	4.233	4.228	0.005	400023	0.40000	0.36
	3 1016-3	4.712	4.708	0.004	997629	0.40000	0.36
	4 1016-4	4.837	4.833	0.004	470111	0.40000	0.35
	5 1016-5	5.272	5.269	0.003	227618	0.40000	0.36
M	6 PCB 1016 Total				2405627	2.00000	1.8
	7 1260-1	6.327	6.326	0.001	3863176	0.40000	0.40
	8 1260-2	6.602	6.603	-0.001	2799341	0.40000	0.40
	9 1260-3	6.787	6.788	-0.001	2157253	0.40000	0.40
	10 1260-4	7.013	7.014	-0.001	6764018	0.40000	0.41
	11 1260-5	7.799	7.800	-0.001	1245167	0.40000	0.38
M	12 PCB 1260 Total				16828955	2.00000	2.0
$	45 decachlorobiphenyl	8.314	8.315	-0.001	3847122	0.20000	0.19

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL5.D
Date : 30-JAN-2012 13:28
Client ID: ACAL5
Sample Info: 44124

Column phase: STX-CLP1

Instrument: secd04.i

Operator: PEL Labs
Column diameter: 0.32



Data File: ACAL5.D
Report Date: 14-Feb-2012 17:03

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL5.D
Lab Smp Id: 44124 Client Smp ID: ACAL5
Inj Date : 30-JAN-2012 13:28
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44124
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 9 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.942	3.937	0.005	1033767	0.40000	0.38
	2 1016-2	4.379	4.375	0.004	1438959	0.40000	0.38
	3 1016-3	4.820	4.816	0.004	2294660	0.40000	0.38(M)
	4 1016-4	4.940	4.936	0.004	1324009	0.40000	0.38
	5 1016-5	5.330	5.327	0.003	984110	0.40000	0.38
M	6 PCB 1016 Total				7075505	2.00000	
	7 1260-1	6.393	6.391	0.002	2292101	0.40000	0.38
	8 1260-2	6.707	6.705	0.002	1907502	0.40000	0.38
	9 1260-3	6.930	6.927	0.003	2007627	0.40000	0.38
	10 1260-4	7.110	7.107	0.003	5055307	0.40000	0.38
	11 1260-5	7.958	7.956	0.002	1271263	0.40000	0.38(M)
M	12 PCB 1260 Total				12533800	2.00000	
$	45 decachlorobiphenyl	8.662	8.660	0.002	3972928	0.20000	0.19

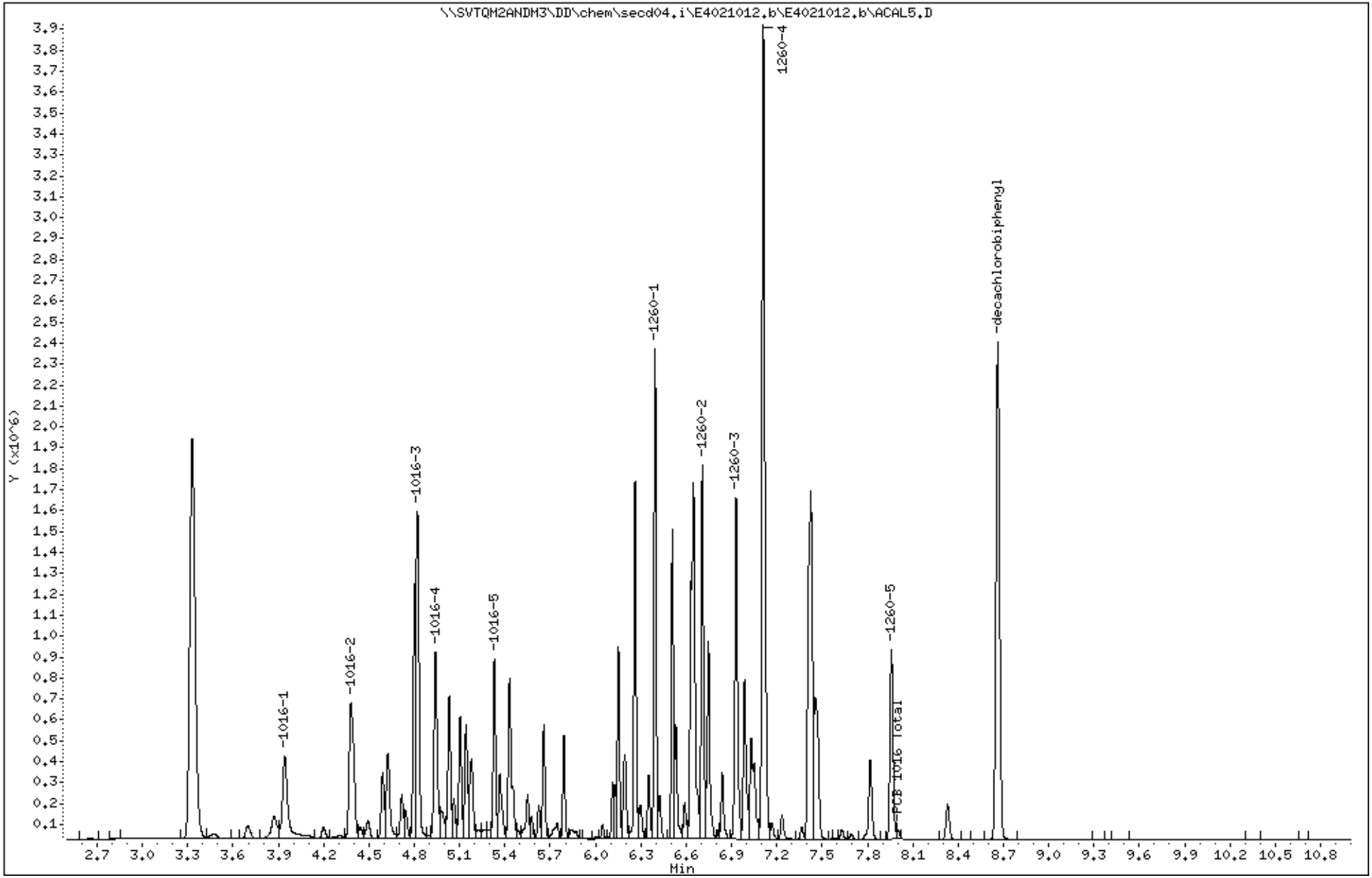
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL5.D
Date : 30-JAN-2012 13:28
Client ID: ACAL5
Sample Info: 44124

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL4.D
Report Date: 14-Feb-2012 17:03

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL4.D
Lab Smp Id: 44125 Client Smp ID: ACAL4
Inj Date : 30-JAN-2012 13:44
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44125
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 10 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.819	3.813	0.006	155768	0.20000	0.20(M)
	2 1016-2	4.232	4.228	0.004	208202	0.20000	0.19(M)
	3 1016-3	4.712	4.708	0.004	503980	0.20000	0.18(M)
	4 1016-4	4.837	4.833	0.004	241871	0.20000	0.18(M)
	5 1016-5	5.272	5.269	0.003	120323	0.20000	0.19(M)
M	6 PCB 1016 Total				1230144	1.00000	0.94
	7 1260-1	6.327	6.326	0.001	1842933	0.20000	0.19(M)
	8 1260-2	6.603	6.603	0.000	1354115	0.20000	0.19(M)
	9 1260-3	6.788	6.788	0.000	1050545	0.20000	0.19(M)
	10 1260-4	7.014	7.014	0.000	3254514	0.20000	0.20(M)
	11 1260-5	7.799	7.800	-0.001	619089	0.20000	0.19
M	12 PCB 1260 Total				8121196	1.00000	0.96
$	45 decachlorobiphenyl	8.314	8.315	-0.001	1913096	0.10000	0.093

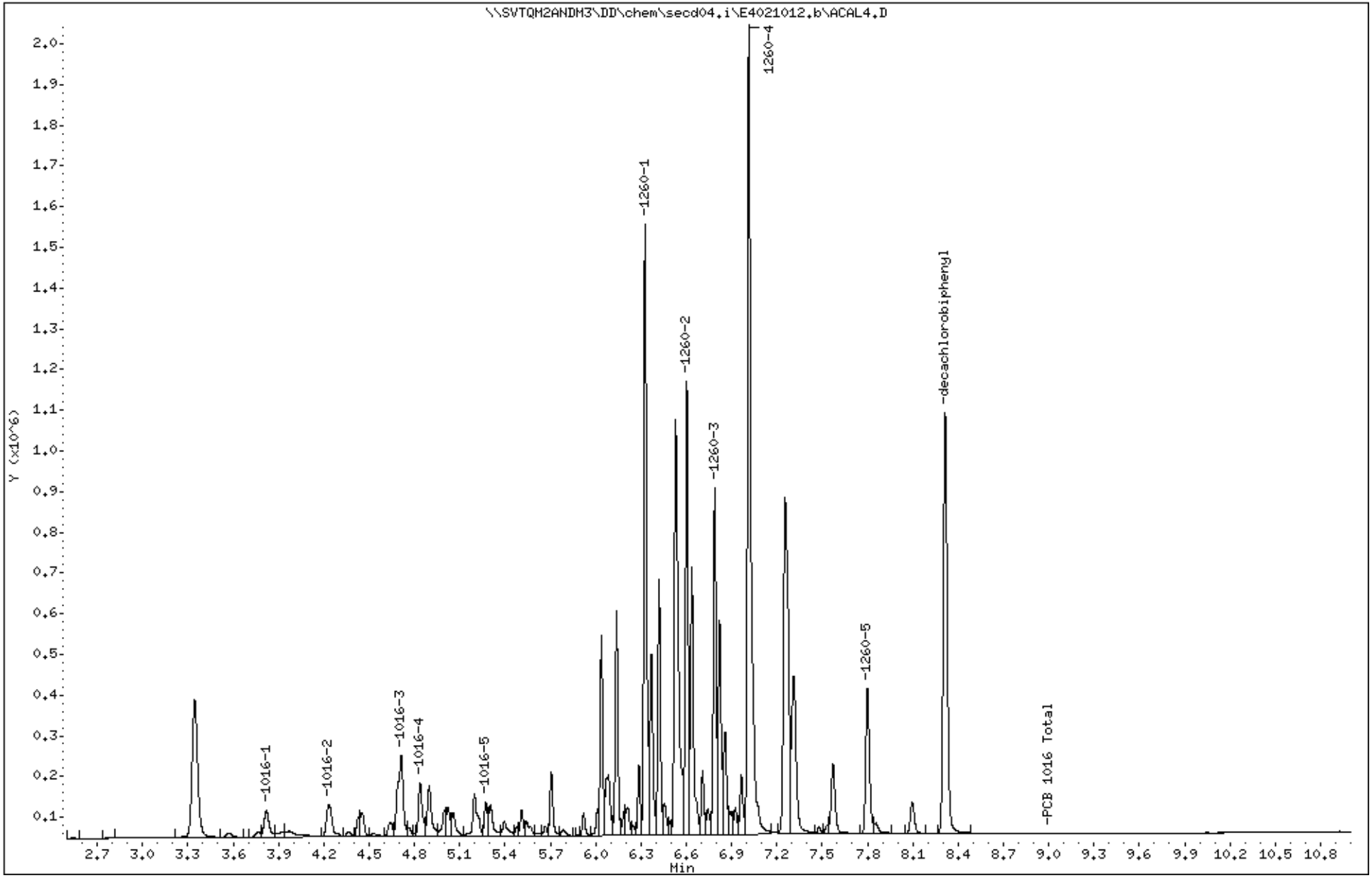
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL4.D
Date : 30-JAN-2012 13:44
Client ID: ACAL4
Sample Info: 44125

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: ACAL4.D
Report Date: 14-Feb-2012 17:03

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL4.D
Lab Smp Id: 44125 Client Smp ID: ACAL4
Inj Date : 30-JAN-2012 13:44
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44125
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 10 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.941	3.937	0.004	523441	0.20000	0.20(M)
	2 1016-2	4.378	4.375	0.003	714751	0.20000	0.19(M)
	3 1016-3	4.819	4.816	0.003	1109651	0.20000	0.19(M)
	4 1016-4	4.939	4.936	0.003	661557	0.20000	0.20(M)
	5 1016-5	5.330	5.327	0.003	489645	0.20000	0.19(M)
M	6 PCB 1016 Total				3499045	1.00000	
	7 1260-1	6.394	6.391	0.003	1140126	0.20000	0.19
	8 1260-2	6.706	6.705	0.001	942166	0.20000	0.19
	9 1260-3	6.930	6.927	0.003	995015	0.20000	0.19
	10 1260-4	7.110	7.107	0.003	2544426	0.20000	0.20
	11 1260-5	7.959	7.956	0.003	630440	0.20000	0.19
M	12 PCB 1260 Total				6252173	1.00000	
$	45 decachlorobiphenyl	8.663	8.660	0.003	1988040	0.10000	0.098

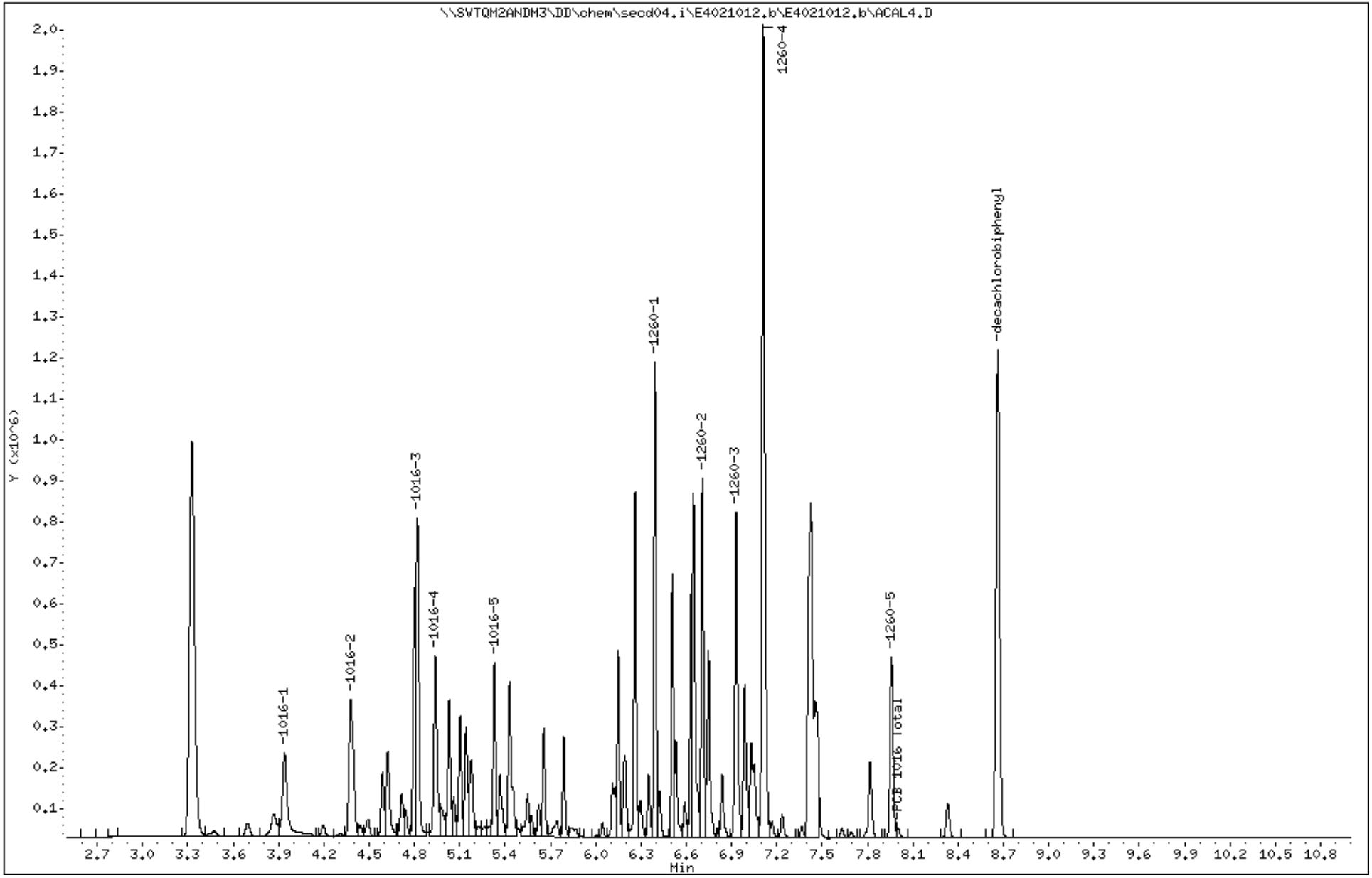
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL4.D
Date : 30-JAN-2012 13:44
Client ID: ACAL4
Sample Info: 44125

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL3.D
Report Date: 14-Feb-2012 17:03

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL3.D
Lab Smp Id: 44593 Client Smp ID: ACAL3
Inj Date : 30-JAN-2012 13:59
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44593
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 11 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.817	3.813	0.004	81882	0.10000	0.10(M)
	2 1016-2	4.231	4.228	0.003	111063	0.10000	0.10(M)
	3 1016-3	4.711	4.708	0.003	266617	0.10000	0.096(M)
	4 1016-4	4.836	4.833	0.003	129236	0.10000	0.097(M)
	5 1016-5	5.271	5.269	0.002	63444	0.10000	0.10(M)
M	6 PCB 1016 Total				652242	0.50000	0.50
	7 1260-1	6.326	6.326	0.000	908449	0.10000	0.095
	8 1260-2	6.602	6.603	-0.001	664026	0.10000	0.095
	9 1260-3	6.788	6.788	0.000	523650	0.10000	0.096
	10 1260-4	7.014	7.014	0.000	1618142	0.10000	0.097
	11 1260-5	7.799	7.800	-0.001	317043	0.10000	0.097
M	12 PCB 1260 Total				4031310	0.50000	0.48
$	45 decachlorobiphenyl	8.313	8.315	-0.002	977472	0.05000	0.048

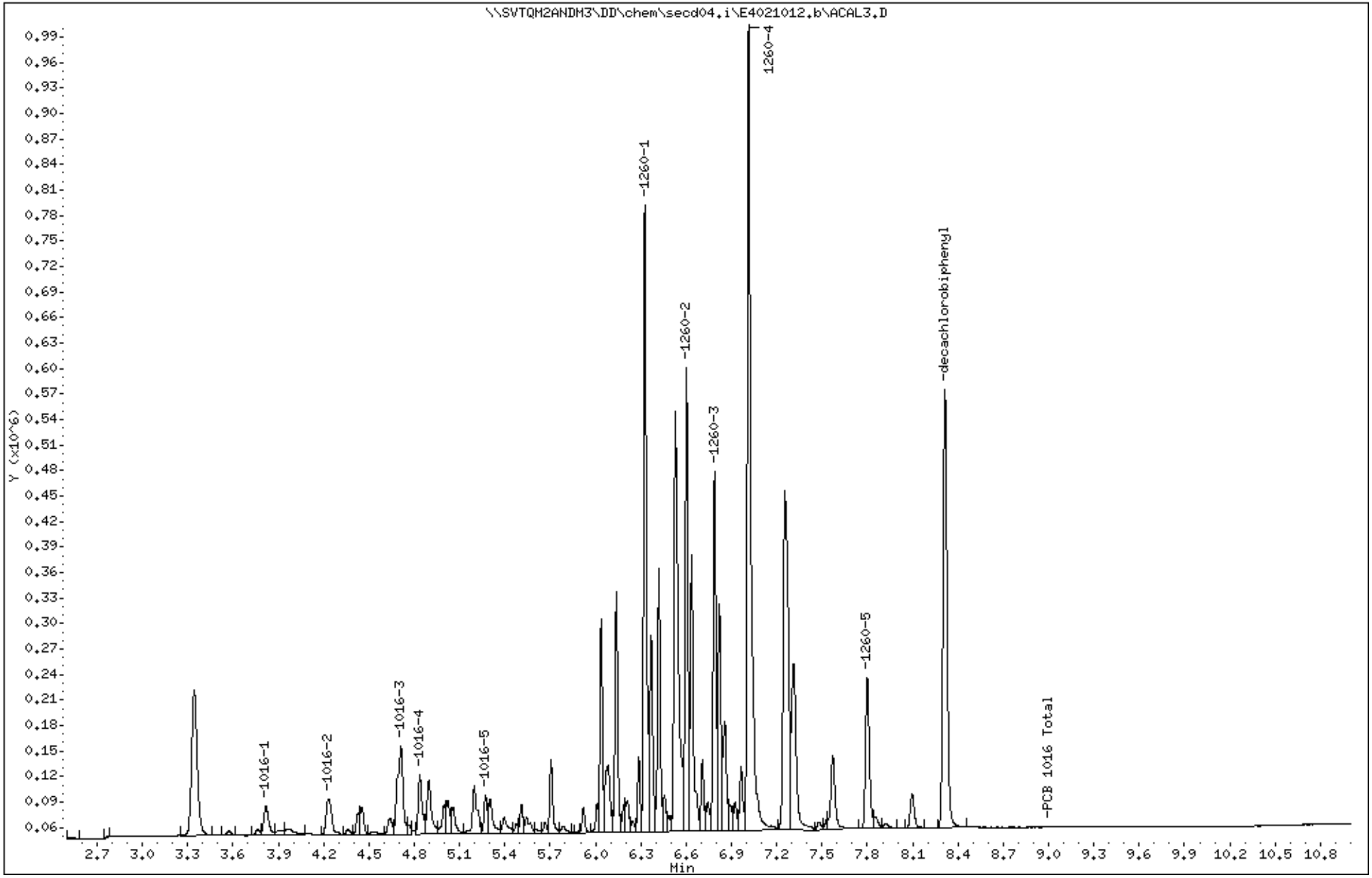
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL3.D
Date : 30-JAN-2012 13:59
Client ID: ACAL3
Sample Info: 44593

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: ACAL3.D
Report Date: 14-Feb-2012 17:03

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL3.D
Lab Smp Id: 44593 Client Smp ID: ACAL3
Inj Date : 30-JAN-2012 13:59
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44593
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 11 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.940	3.937	0.003	273555	0.10000	0.10(M)
	2 1016-2	4.378	4.375	0.003	369058	0.10000	0.10(M)
	3 1016-3	4.819	4.816	0.003	508104	0.10000	0.088(M)
	4 1016-4	4.939	4.936	0.003	345343	0.10000	0.10(M)
	5 1016-5	5.329	5.327	0.002	250436	0.10000	0.10(M)
M	6 PCB 1016 Total				1746496	0.50000	
	7 1260-1	6.394	6.391	0.003	568377	0.10000	0.098
	8 1260-2	6.706	6.705	0.001	488891	0.10000	0.10
	9 1260-3	6.929	6.927	0.002	501465	0.10000	0.099
	10 1260-4	7.109	7.107	0.002	1276659	0.10000	0.100
	11 1260-5	7.959	7.956	0.003	315532	0.10000	0.098
M	12 PCB 1260 Total				3150924	0.50000	
$	45 decachlorobiphenyl	8.662	8.660	0.002	999045	0.05000	0.050

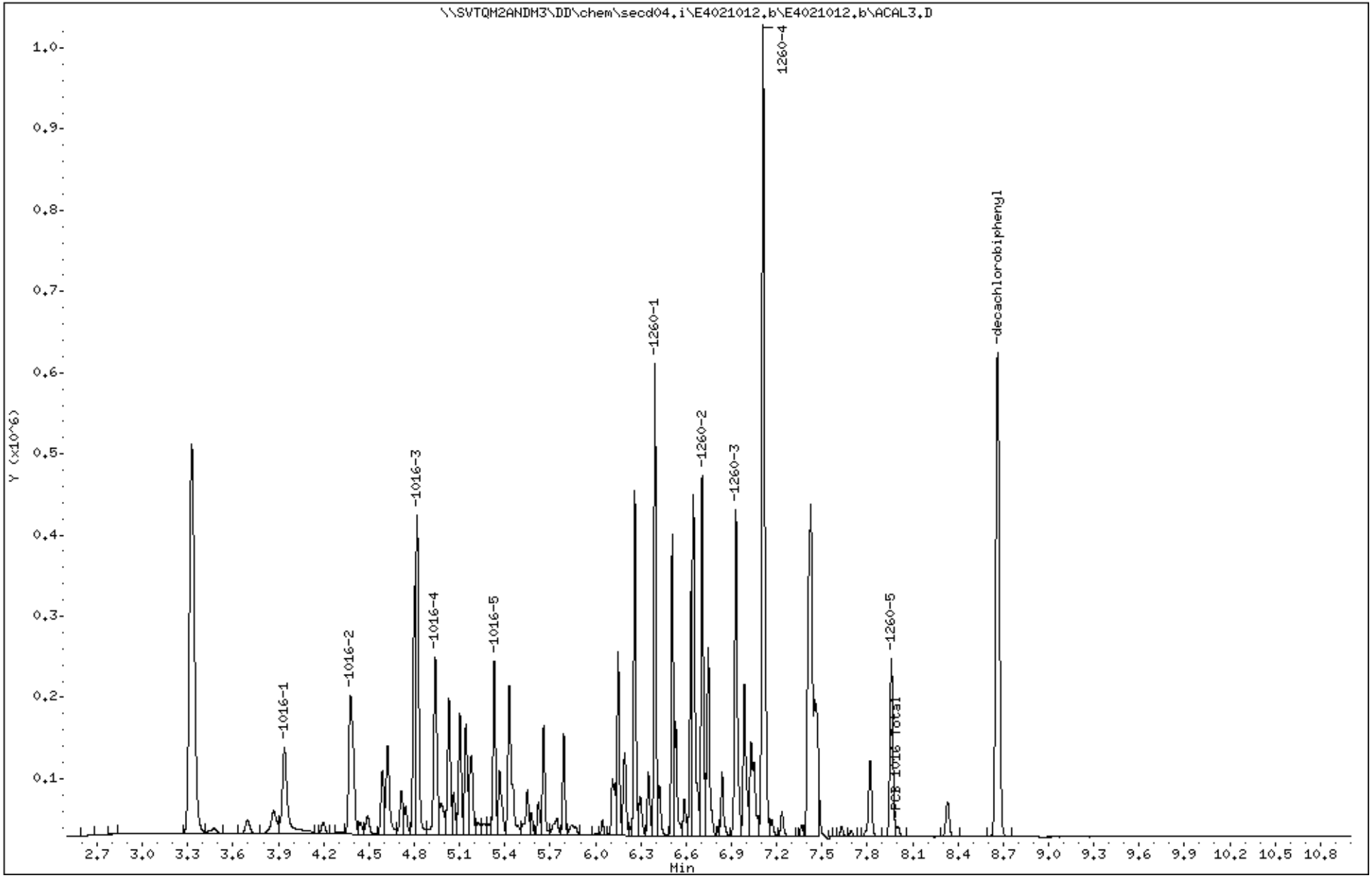
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL3.D
Date : 30-JAN-2012 13:59
Client ID: ACAL3
Sample Info: 44593

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL2.D
Report Date: 14-Feb-2012 17:03

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL2.D
Lab Smp Id: 44127 Client Smp ID: ACAL2
Inj Date : 30-JAN-2012 14:14
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44127
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.819	3.813	0.006	16979	0.02000	0.021(M)
	2 1016-2	4.232	4.228	0.004	23555	0.02000	0.021(M)
	3 1016-3	4.713	4.708	0.005	61358	0.02000	0.022(M)
	4 1016-4	4.838	4.833	0.005	29147	0.02000	0.022(M)
	5 1016-5	5.272	5.269	0.003	13217	0.02000	0.021(M)
M	6 PCB 1016 Total				144256	0.10000	0.11
	7 1260-1	6.326	6.326	0.000	186787	0.02000	0.020(M)
	8 1260-2	6.602	6.603	-0.001	136559	0.02000	0.020(M)
	9 1260-3	6.788	6.788	0.000	109946	0.02000	0.020(M)
	10 1260-4	7.013	7.014	-0.001	323876	0.02000	0.019(M)
	11 1260-5	7.799	7.800	-0.001	68724	0.02000	0.021(M)
M	12 PCB 1260 Total				825892	0.10000	0.100
$	45 decachlorobiphenyl	8.313	8.315	-0.002	214767	0.01000	0.010

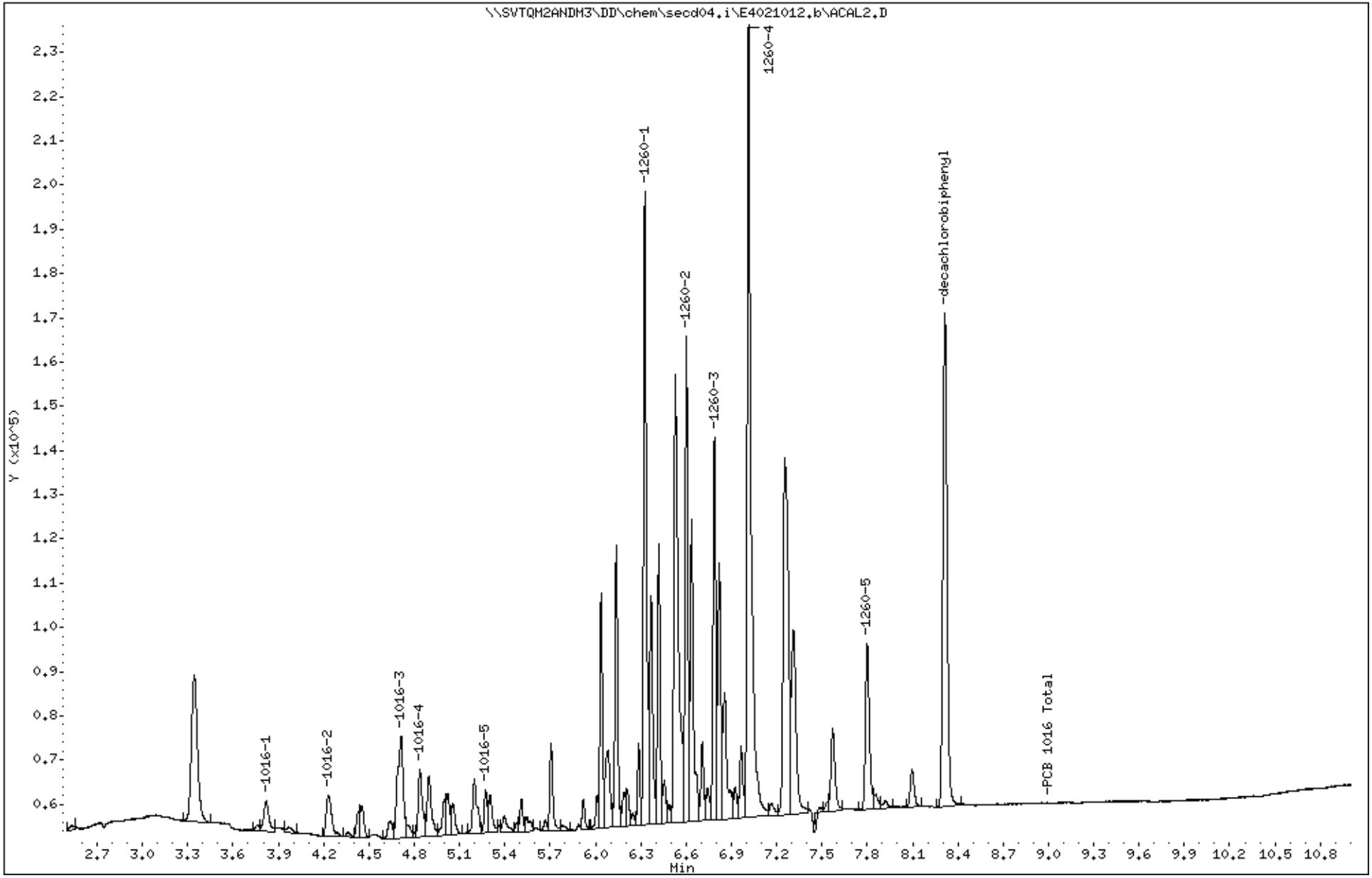
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL2.D
Date : 30-JAN-2012 14:14
Client ID: ACAL2
Sample Info: 44127

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: ACAL2.D
Report Date: 14-Feb-2012 17:03

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL2.D
Lab Smp Id: 44127 Client Smp ID: ACAL2
Inj Date : 30-JAN-2012 14:14
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44127
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.940	3.937	0.003	53383	0.02000	0.020(M)
	2 1016-2	4.378	4.375	0.003	77513	0.02000	0.021(M)
	3 1016-3	4.819	4.816	0.003	118779	0.02000	0.021(MH)
	4 1016-4	4.939	4.936	0.003	73930	0.02000	0.022(M)
	5 1016-5	5.330	5.327	0.003	53931	0.02000	0.022(M)
M	6 PCB 1016 Total				377536	0.10000	
	7 1260-1	6.393	6.391	0.002	118597	0.02000	0.020(M)
	8 1260-2	6.706	6.705	0.001	99900	0.02000	0.021(M)
	9 1260-3	6.930	6.927	0.003	104076	0.02000	0.020(M)
	10 1260-4	7.110	7.107	0.003	252401	0.02000	0.020(M)
	11 1260-5	7.959	7.956	0.003	64220	0.02000	0.020(M)
M	12 PCB 1260 Total				639194	0.10000	
$	45 decachlorobiphenyl	8.663	8.660	0.003	207077	0.01000	0.010

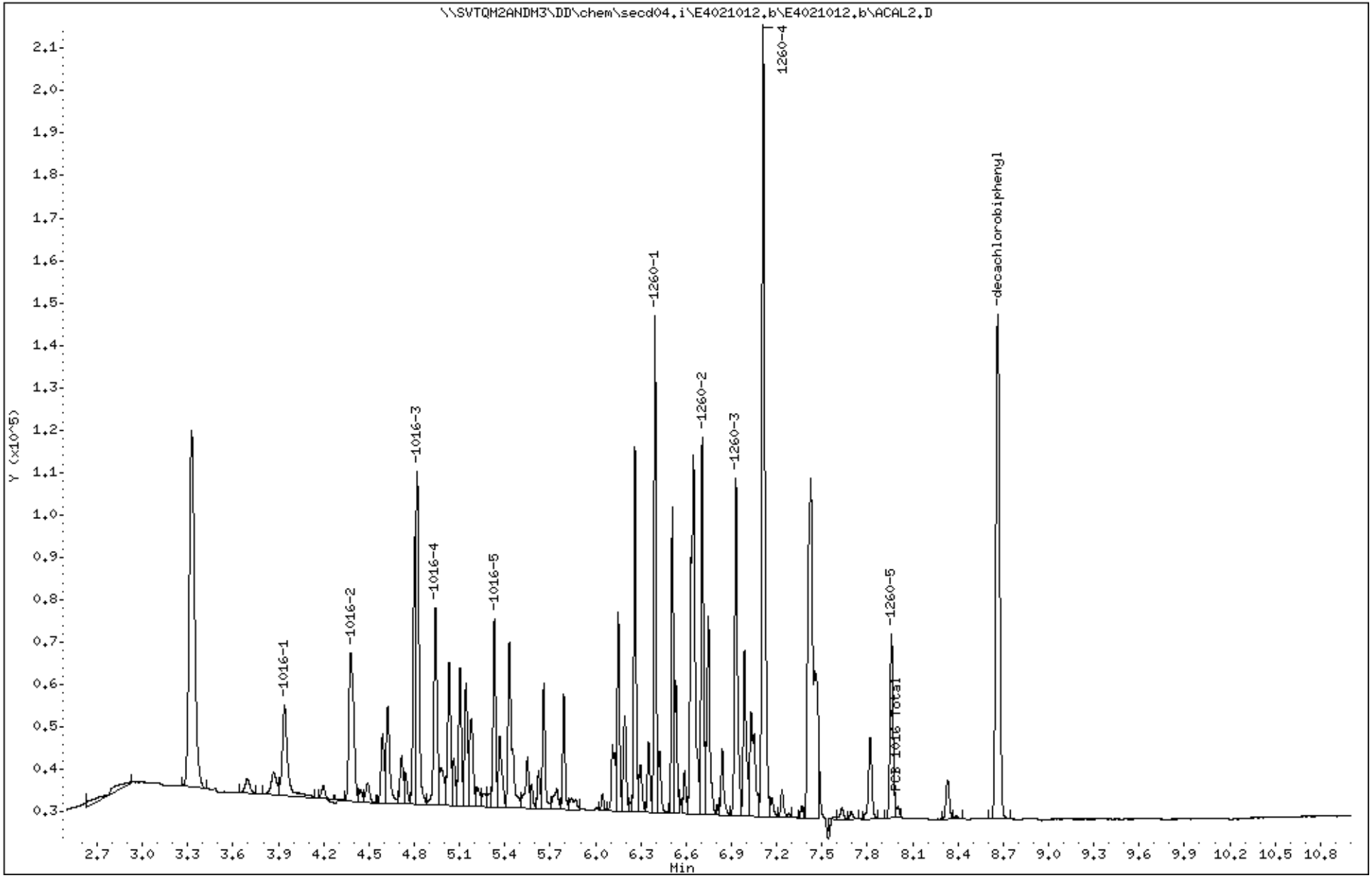
QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL2.D
Date : 30-JAN-2012 14:14
Client ID: ACAL2
Sample Info: 44127

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL1.D
Report Date: 14-Feb-2012 17:03

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL1.D
Lab Smp Id: 44128 Client Smp ID: ACAL1
Inj Date : 30-JAN-2012 14:29
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44128
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 13 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	1 1016-1	3.817	3.813	0.004	4483	0.00600	0.0056
	2 1016-2	4.229	4.228	0.001	7588	0.00600	0.0068(M)
	3 1016-3	4.712	4.708	0.004	19684	0.00600	0.0071(M)
	4 1016-4	4.837	4.833	0.004	9555	0.00600	0.0072(M)
	5 1016-5	5.272	5.269	0.003	4363	0.00600	0.0069
M	6 PCB 1016 Total				45673	0.03000	0.034
	7 1260-1	6.327	6.326	0.001	57821	0.00600	0.0060(M)
	8 1260-2	6.602	6.603	-0.001	42523	0.00600	0.0061(M)
	9 1260-3	6.787	6.788	-0.001	33402	0.00600	0.0061(M)
	10 1260-4	7.013	7.014	-0.001	98257	0.00600	0.0059(M)
	11 1260-5	7.798	7.800	-0.002	21165	0.00600	0.0065(M)
M	12 PCB 1260 Total				253168	0.03000	0.031
$	45 decachlorobiphenyl	8.313	8.315	-0.002	69653	0.00300	0.0034

QC Flag Legend

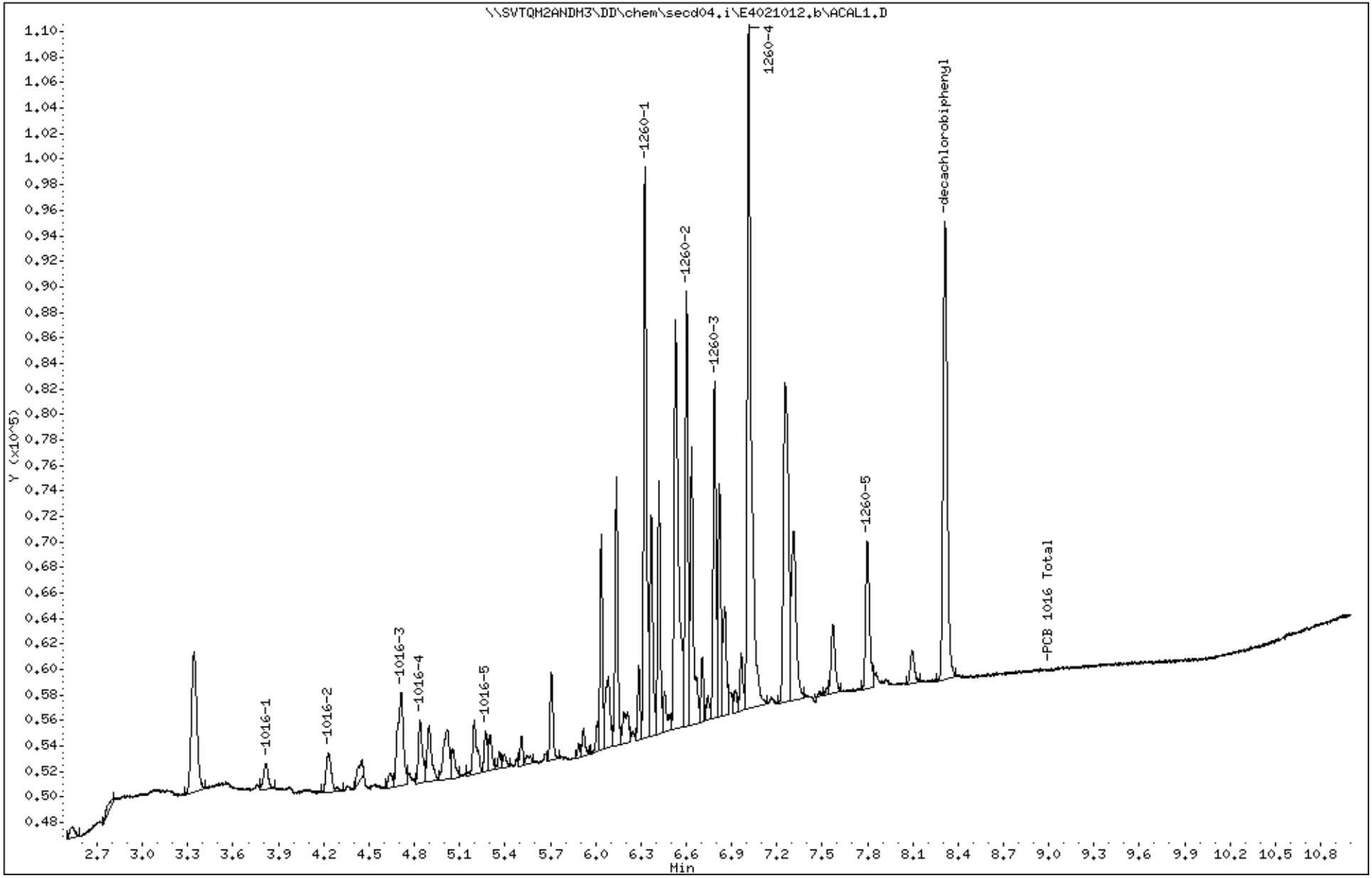
M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ACAL1.D
Date : 30-JAN-2012 14:29
Client ID: ACAL1
Sample Info: 44128

Column phase: STX-CLP1

Instrument: secd04.i

Operator: PEL Labs
Column diameter: 0.32



Data File: ACAL1.D
Report Date: 14-Feb-2012 17:03

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL1.D
Lab Smp Id: 44128 Client Smp ID: ACAL1
Inj Date : 30-JAN-2012 14:29
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44128
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 13 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.940	3.937	0.003	17100	0.00600	0.0064(M)
	2 1016-2	4.377	4.375	0.002	23767	0.00600	0.0064(M)
	3 1016-3	4.819	4.816	0.003	37800	0.00600	0.0067(M)
	4 1016-4	4.939	4.936	0.003	30231	0.00600	0.0088(M)
	5 1016-5	5.329	5.327	0.002	18788	0.00600	0.0074(M)
M	6 PCB 1016 Total				127686	0.03000	
	7 1260-1	6.394	6.391	0.003	37753	0.00600	0.0065(M)
	8 1260-2	6.707	6.705	0.002	31408	0.00600	0.0064(M)
	9 1260-3	6.930	6.927	0.003	32621	0.00600	0.0064(M)
	10 1260-4	7.110	7.107	0.003	77282	0.00600	0.0060(M)
	11 1260-5	7.960	7.956	0.004	20483	0.00600	0.0064(M)
M	12 PCB 1260 Total				199547	0.03000	
$	45 decachlorobiphenyl	8.663	8.660	0.003	65653	0.00300	0.0032

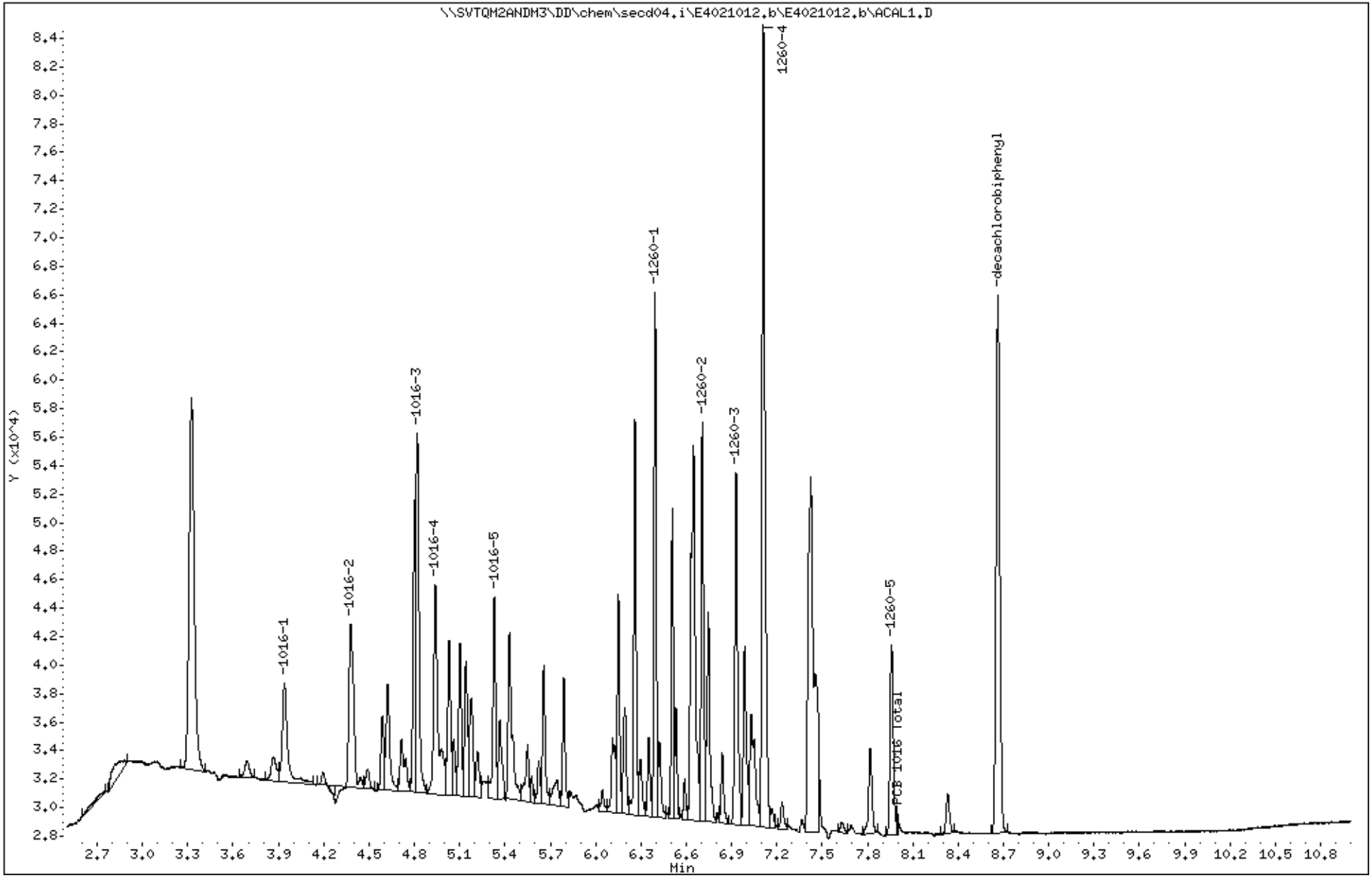
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ACAL1.D
Date : 30-JAN-2012 14:29
Client ID: ACAL1
Sample Info: 44128

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ASEC.D
Report Date: 14-Feb-2012 17:03

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ASEC.D
Lab Smp Id: 43164 Client Smp ID: ASEC
Inj Date : 30-JAN-2012 14:44
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 43164
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m
Meth Date : 13-Feb-2012 09:58 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 14 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (1/(Vo/1000)*Vf) * CpndVariable

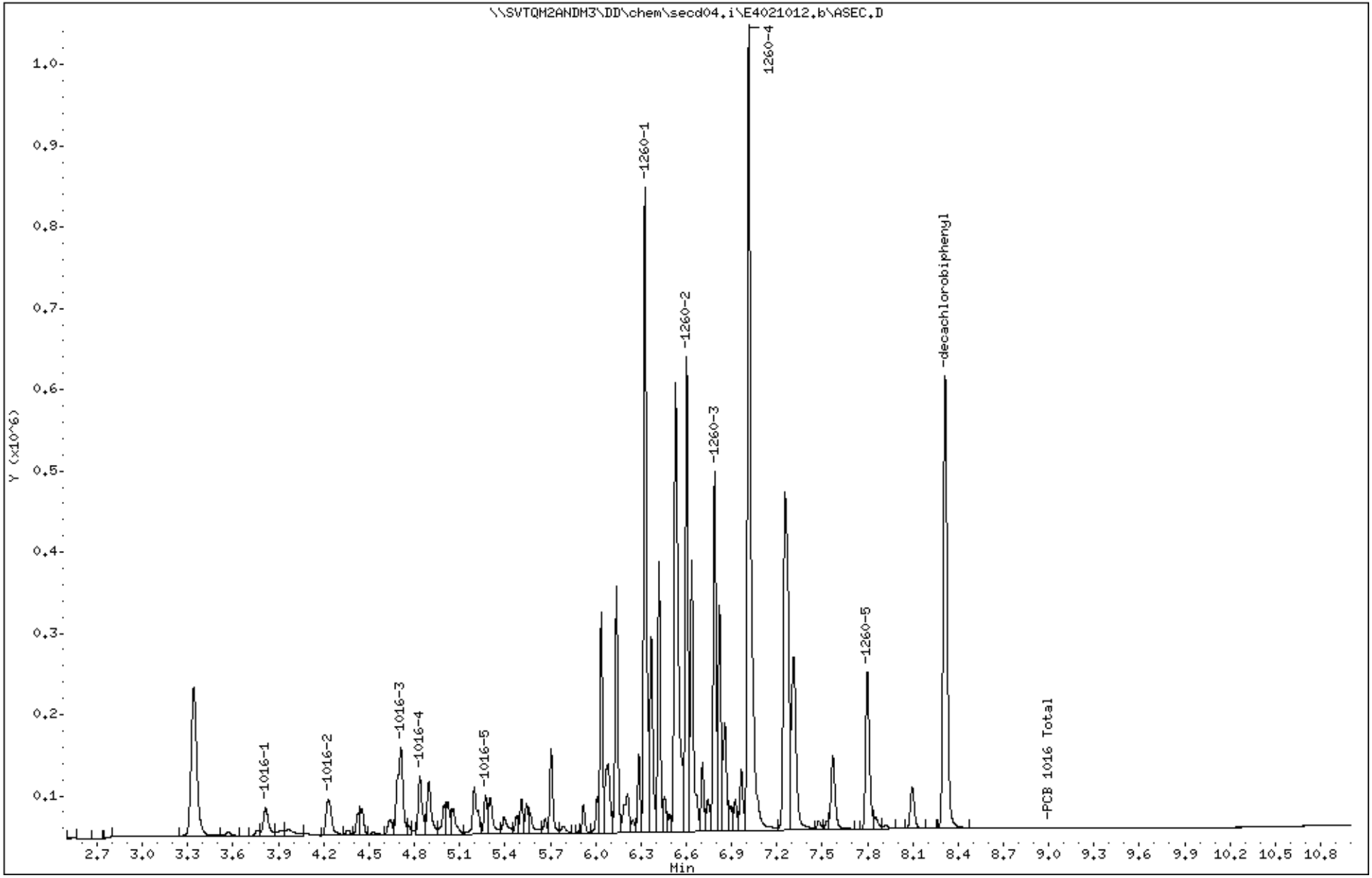
Name	Value	Description
DF	1.000	Dilution Factor
Vo	1000.000	Volume of sample extracted (mL)
Vf	10.000	final vol of sample
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.816	3.813	0.003	83782	0.10000	0.10(M)
	2 1016-2	4.231	4.228	0.003	113325	0.10000	0.10(M)
	3 1016-3	4.711	4.708	0.003	276634	0.10000	0.100(M)
	4 1016-4	4.836	4.833	0.003	134007	0.10000	0.10(M)
	5 1016-5	5.271	5.269	0.002	67920	0.10000	0.11(M)
M	6 PCB 1016 Total				675668	0.50000	0.52
	7 1260-1	6.326	6.326	0.000	987794	0.10000	0.10
	8 1260-2	6.602	6.603	-0.001	706828	0.10000	0.10
	9 1260-3	6.787	6.788	-0.001	549873	0.10000	0.10
	10 1260-4	7.014	7.014	0.000	1670615	0.10000	0.10
	11 1260-5	7.799	7.800	-0.001	347144	0.10000	0.11
M	12 PCB 1260 Total				4262254	0.50000	0.51
$	45 decachlorobiphenyl	8.314	8.315	-0.001	1044906	0.05000	0.051

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\ASEC.D
Date : 30-JAN-2012 14:44
Client ID: ASEC
Instrument: secd04.i
Sample Info: 43164
Volume Injected (uL): 5.0
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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Data File: ASEC.D
Report Date: 14-Feb-2012 17:03

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ASEC.D
Lab Smp Id: 43164 Client Smp ID: ASEC
Inj Date : 30-JAN-2012 14:44
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 43164
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\8082A.m\8082a.m
Meth Date : 10-Feb-2012 15:09 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 14 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (1/(Vo/1000)*Vf) * CpndVariable

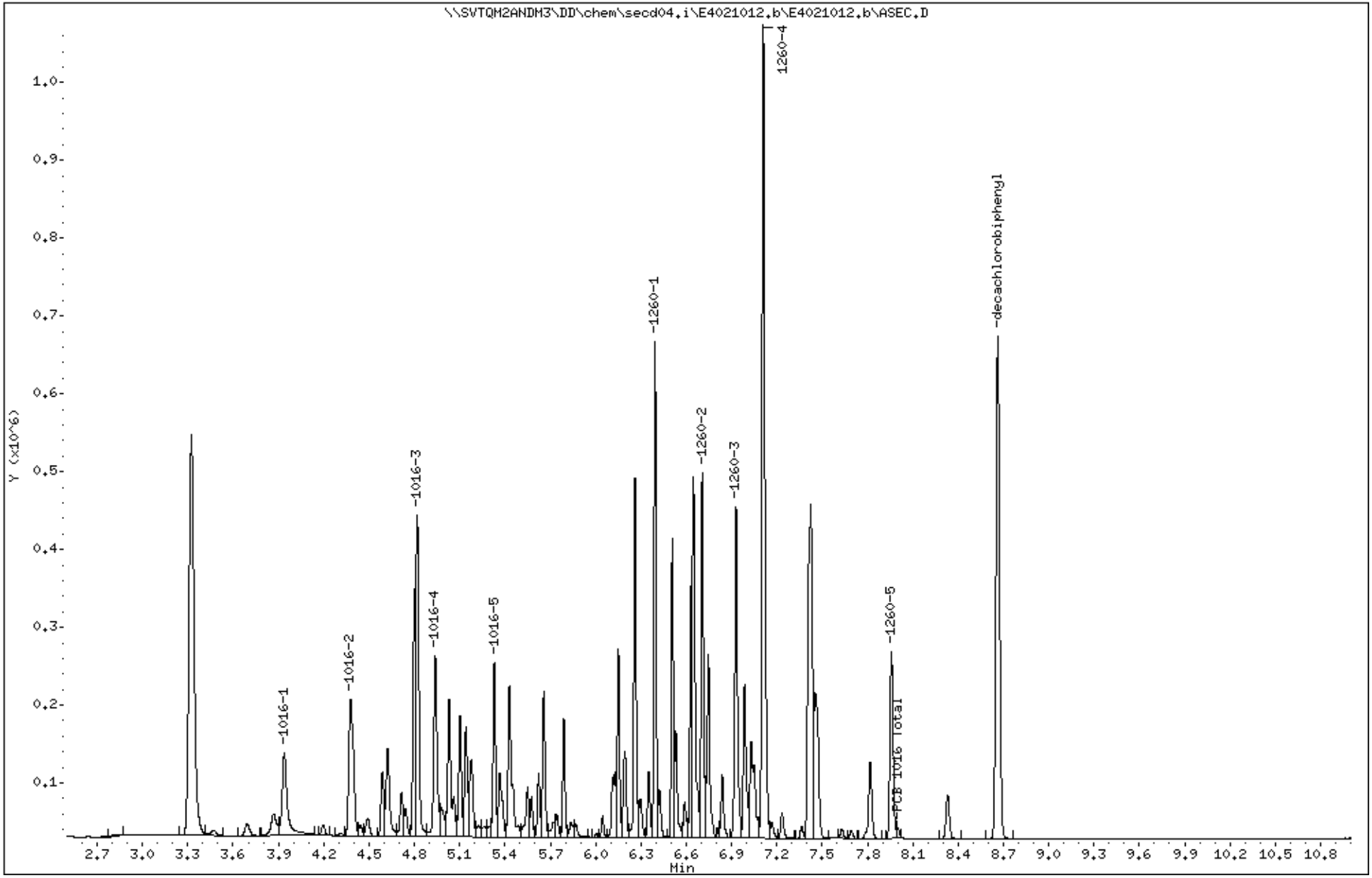
Name	Value	Description
DF	1.000	Dilution Factor
Vo	1000.000	Volume of sample extracted (mL)
Vf	10.000	final vol of sample
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.939	3.937	0.002	273452	0.10000	0.10(M)
	2 1016-2	4.376	4.375	0.001	388989	0.10000	0.10
	3 1016-3	4.819	4.816	0.003	531541	0.10000	0.092
	4 1016-4	4.938	4.936	0.002	361062	0.10000	0.097
	5 1016-5	5.329	5.327	0.002	262248	0.10000	0.099
M	6 PCB 1016 Total				1817292	0.50000	0.49
	7 1260-1	6.393	6.391	0.002	615554	0.10000	0.10
	8 1260-2	6.706	6.705	0.001	504514	0.10000	0.10
	9 1260-3	6.930	6.927	0.003	531373	0.10000	0.10
	10 1260-4	7.110	7.107	0.003	1328128	0.10000	0.10
	11 1260-5	7.958	7.956	0.002	346479	0.10000	0.11(M)
M	12 PCB 1260 Total				3326048	0.50000	0.52
$	45 decachlorobiphenyl	8.663	8.660	0.003	1080836	0.05000	0.053

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021012.b\E4021012.b\ASEC.D
Date : 30-JAN-2012 14:44
Client ID: ASEC
Instrument: secd04.i
Sample Info: 43164
Volume Injected (uL): 5.0
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\ACCV1.D
Report Date: 14-Feb-2012 17:03

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\ACCV1.D
Lab Smp Id: 44593 Client Smp ID: ACCV1
Inj Date : 14-FEB-2012 14:01
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44593
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\8082A.m
Meth Date : 14-Feb-2012 16:27 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	1 1016-1	3.810	3.824	-0.014	82345	0.10000	0.10(M)
	2 1016-2	4.226	4.238	-0.012	110202	0.10000	0.099(M)
	3 1016-3	4.707	4.718	-0.011	283505	0.10000	0.10(M)
	4 1016-4	4.832	4.843	-0.011	126684	0.10000	0.095(M)
	5 1016-5	5.269	5.278	-0.009	63888	0.10000	0.10(M)
M	6 PCB 1016 Total				666624	0.50000	0.50
	7 1260-1	6.326	6.334	-0.008	994115	0.10000	0.10(M)
	8 1260-2	6.603	6.611	-0.008	703012	0.10000	0.10(M)
	9 1260-3	6.788	6.797	-0.009	557210	0.10000	0.10(M)
	10 1260-4	7.015	7.023	-0.008	1716455	0.10000	0.10(M)
	11 1260-5	7.802	7.813	-0.011	338963	0.10000	0.10
M	12 PCB 1260 Total				4309755	0.50000	0.51
$	45 decachlorobiphenyl	8.317	8.328	-0.011	1020783	0.05000	0.050

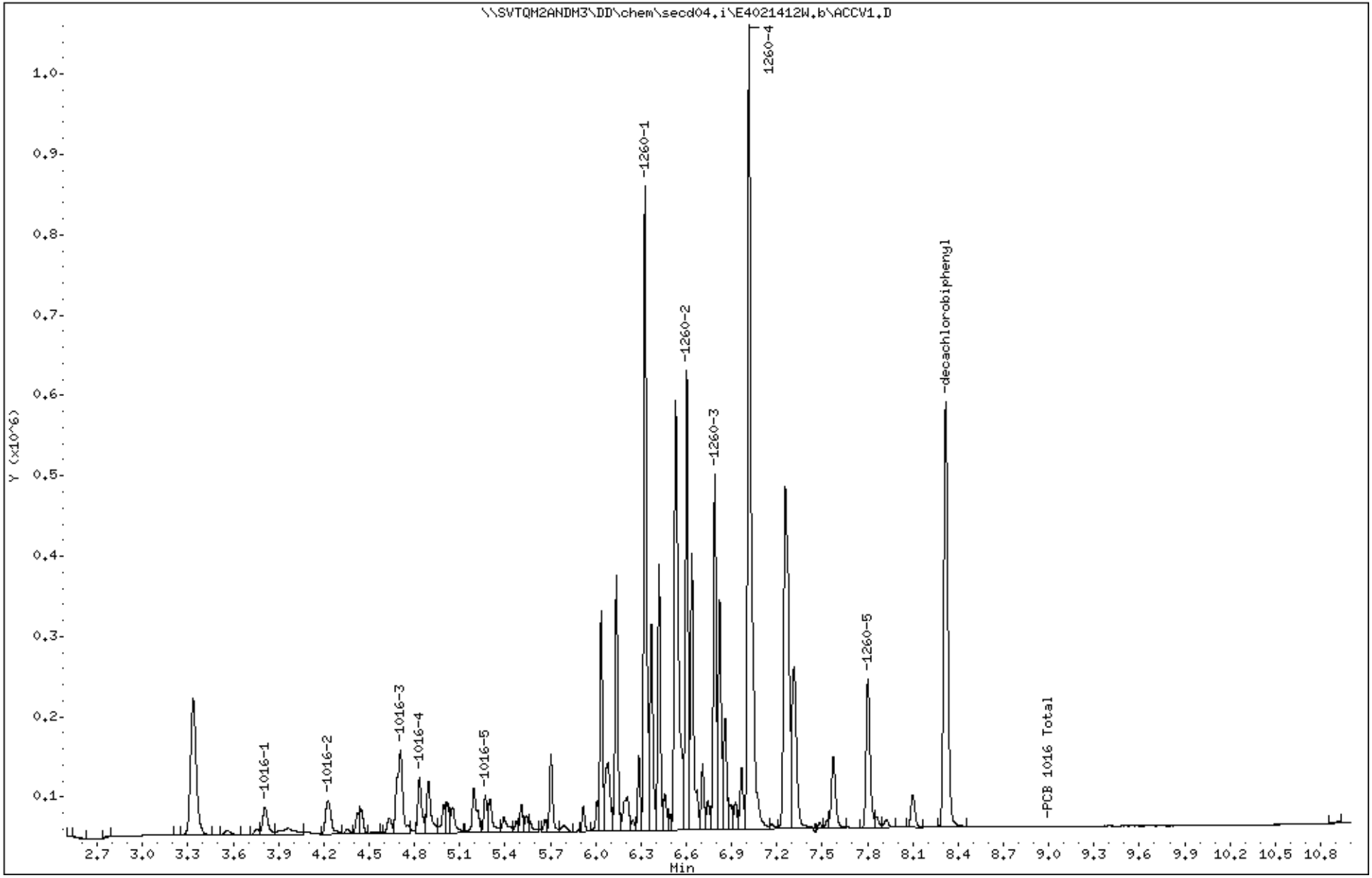
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\ACCV1.D
Date : 14-FEB-2012 14:01
Client ID: ACCV1
Sample Info: 44593

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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Data File: ACCV1.D
Report Date: 14-Feb-2012 17:03

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\E4021412W.b\ACCV1.D
Lab Smp Id: 44593 Client Smp ID: ACCV1
Inj Date : 14-FEB-2012 14:01
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 44593
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\8082A.m\8082a.m
Meth Date : 14-Feb-2012 16:27 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	1 1016-1	3.934	3.935	-0.001	305505	0.10000	0.11
	2 1016-2	4.372	4.374	-0.002	416254	0.10000	0.11(M)
	3 1016-3	4.815	4.816	-0.001	627023	0.10000	0.11(M)
	4 1016-4	4.934	4.937	-0.003	368234	0.10000	0.099(M)
	5 1016-5	5.325	5.328	-0.003	298319	0.10000	0.11(M)
M	6 PCB 1016 Total				2015335	0.50000	0.54
	7 1260-1	6.390	6.393	-0.003	672298	0.10000	0.11(M)
	8 1260-2	6.703	6.706	-0.003	575133	0.10000	0.12(M)
	9 1260-3	6.926	6.930	-0.004	591429	0.10000	0.11(M)
	10 1260-4	7.105	7.109	-0.004	1528916	0.10000	0.12(M)
	11 1260-5	7.955	7.958	-0.003	353120	0.10000	0.11(M)
M	12 PCB 1260 Total				3720896	0.50000	0.57
$	45 decachlorobiphenyl	8.657	8.663	-0.006	1086003	0.05000	0.053

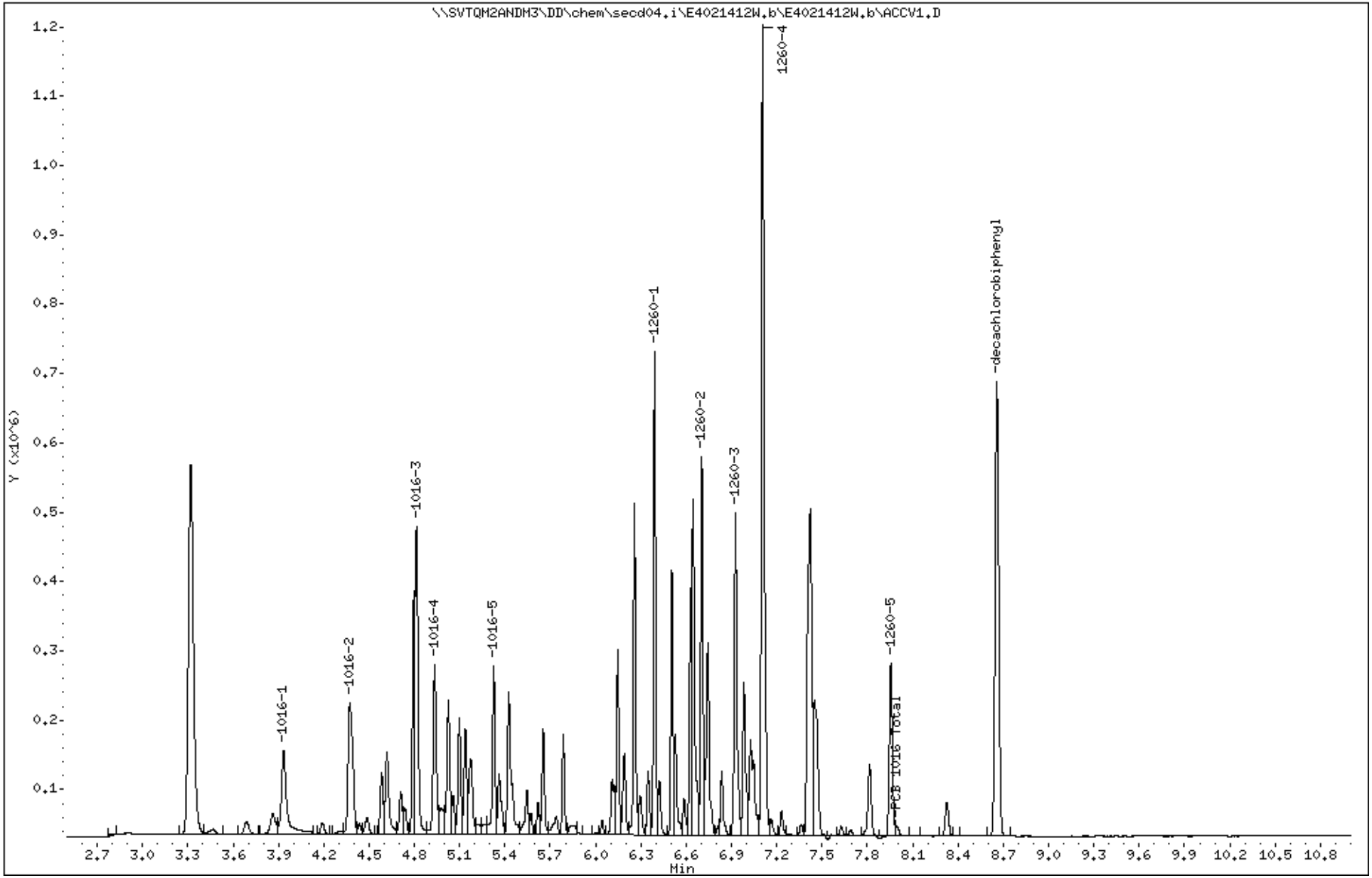
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\E4021412W.b\ACCV1.D
Date : 14-FEB-2012 14:01
Client ID: ACCV1
Sample Info: 44593

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\8282MB.D
Report Date: 14-Feb-2012 17:03

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\8282MB.D
Lab Smp Id: 116707MB Client Smp ID: 116707MB
Inj Date : 14-FEB-2012 14:30
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a116707mb
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\8082A.m
Meth Date : 14-Feb-2012 16:27 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pall.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

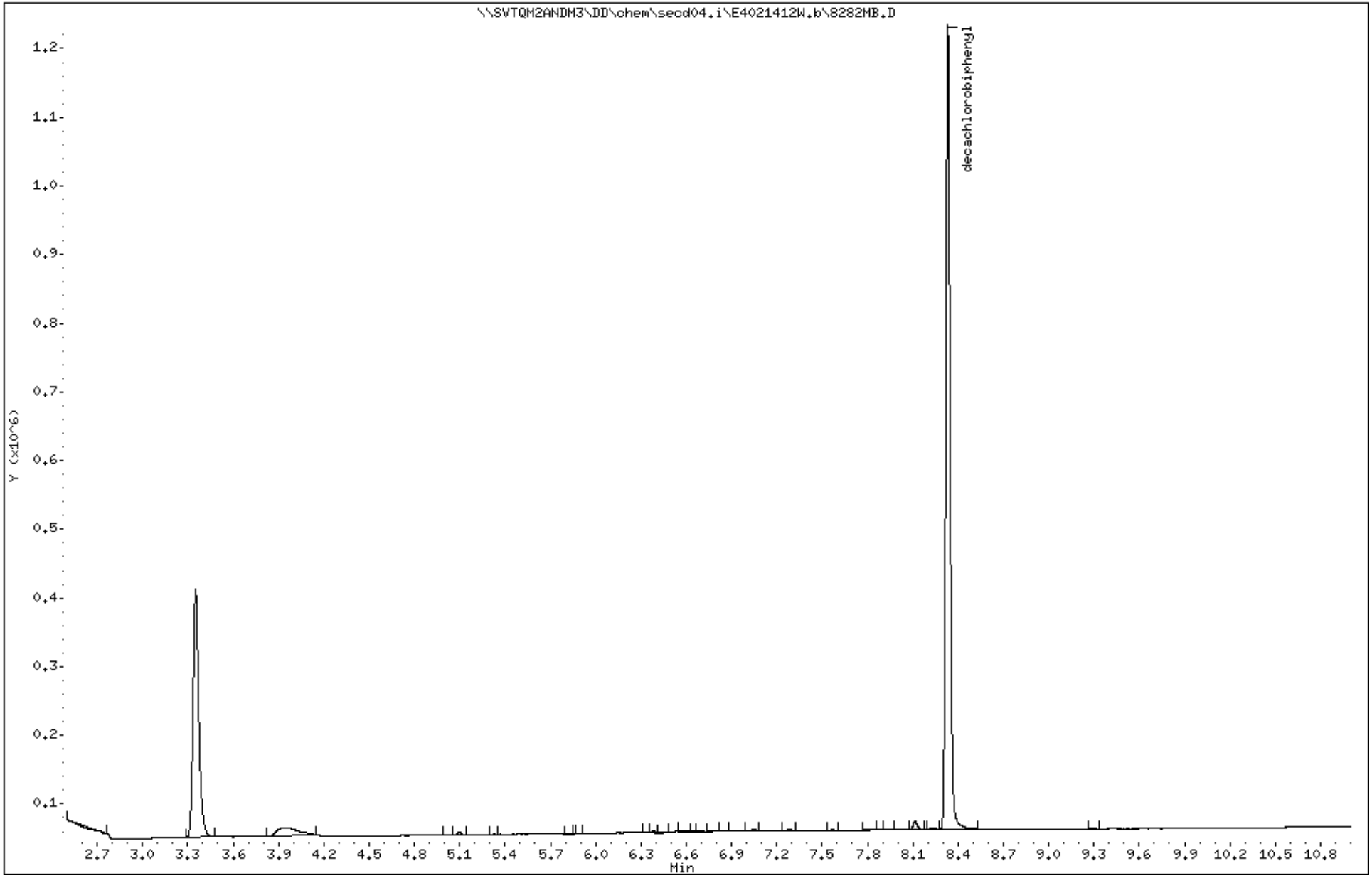
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol.of extract
Wp	1.000	Wipe
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/ml)	(ug/Kg)
$ 45 decachlorobiphenyl	8.331	8.328	0.003	2263801	0.11054	1.1

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\8282MB.D
Date : 14-FEB-2012 14:30
Client ID: 116707MB
Sample Info: a116707mb

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: 8282MB.D
Report Date: 14-Feb-2012 17:03

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\E4021412W.b\8282MB.D
Lab Smp Id: 116707MB Client Smp ID: 116707MB
Inj Date : 14-FEB-2012 14:30
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a116707mb
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\8082A.m\8082a.m
Meth Date : 14-Feb-2012 16:27 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pall.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

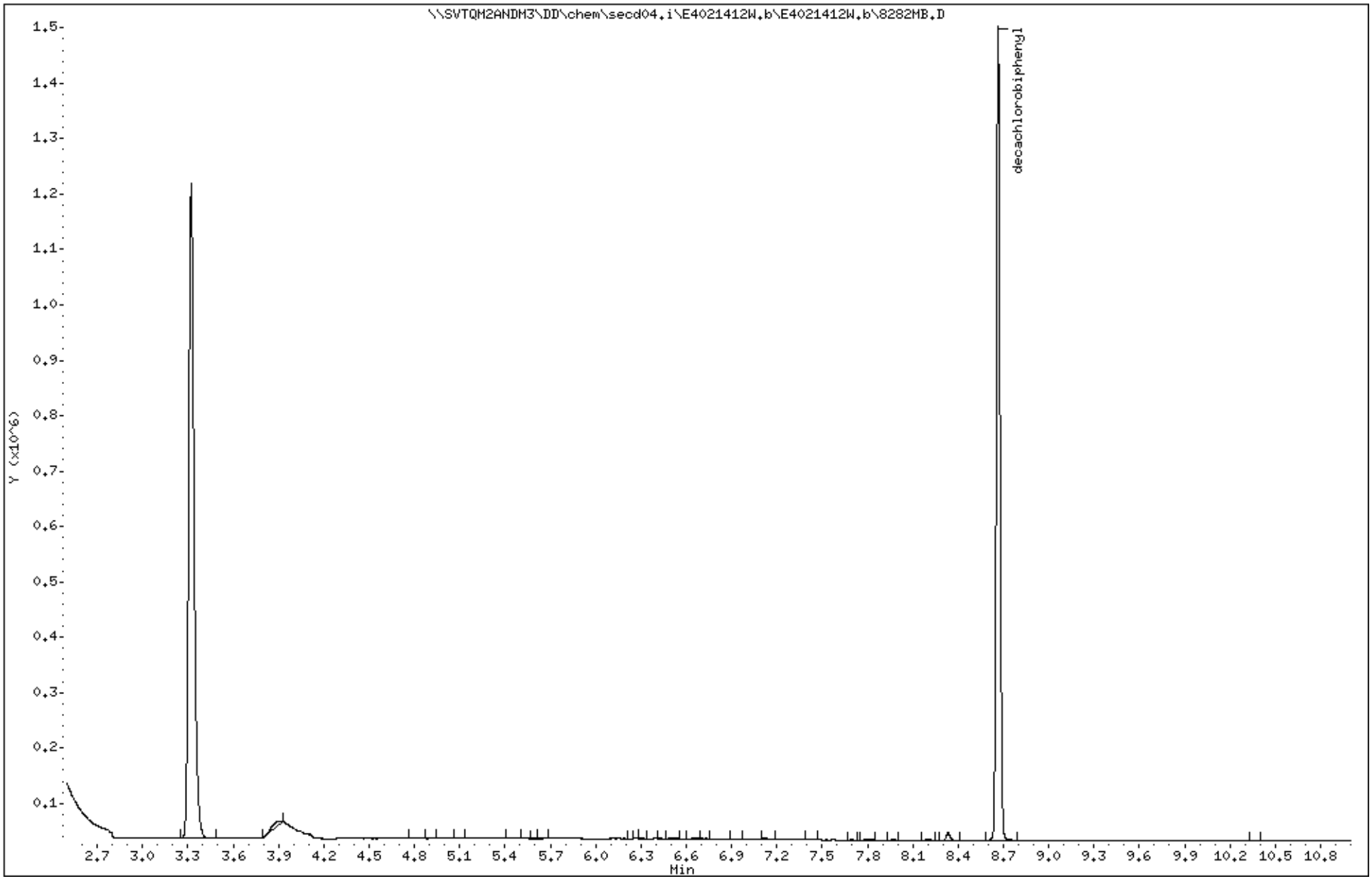
Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol.of extract
Wp	1.000	Wipe
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/ml)	(ug/Kg)
$ 45 decachlorobiphenyl	8.665	8.663	0.002	2463953	0.12010	1.2

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\E4021412W.b\8282MB.D
Date : 14-FEB-2012 14:30
Client ID: 116707MB
Sample Info: a116707mb

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\8282LCS.D
Report Date: 14-Feb-2012 17:03

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\8282LCS.D
Lab Smp Id: 116708LCS Client Smp ID: 116708LCS
Inj Date : 14-FEB-2012 14:45
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a116708lcs
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\8082A.m
Meth Date : 14-Feb-2012 16:27 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 6 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	1 1016-1	3.814	3.824	-0.010	127734	0.16027	1.6
	2 1016-2	4.229	4.238	-0.009	173843	0.15691	1.6
	3 1016-3	4.709	4.718	-0.009	431165	0.15529	1.6
	4 1016-4	4.834	4.843	-0.009	210297	0.15853	1.6
	5 1016-5	5.270	5.278	-0.008	104626	0.16565	1.6
M	6 PCB 1016 Total				1047665	0.79665	8.0
	7 1260-1	6.327	6.334	-0.007	1742494	0.18246	1.8
	8 1260-2	6.604	6.611	-0.007	1209458	0.17324	1.7
	9 1260-3	6.789	6.797	-0.008	955249	0.17505	1.8
	10 1260-4	7.016	7.023	-0.007	2946670	0.17693	1.8
	11 1260-5	7.804	7.813	-0.009	632587	0.19327	1.9(M)
M	12 PCB 1260 Total				7486458	0.90094	9.0
$	45 decachlorobiphenyl	8.319	8.328	-0.009	2300795	0.11235	1.1

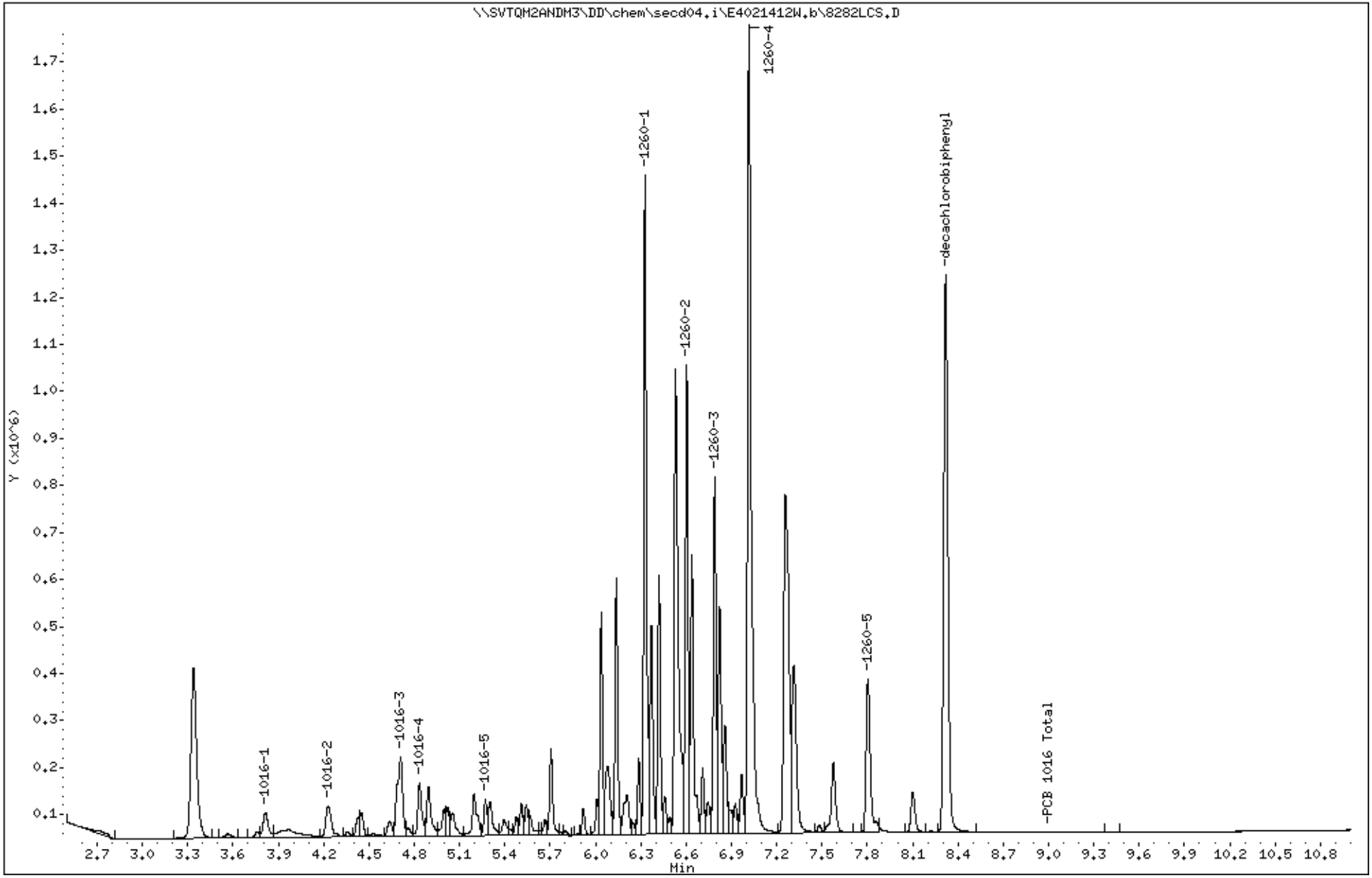
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\8282LCS.D
Date : 14-FEB-2012 14:45
Client ID: 116708LCS
Sample Info: a116708lcs

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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Data File: 8282LCS.D
Report Date: 14-Feb-2012 17:03

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\E4021412W.b\8282LCS.D
Lab Smp Id: 116708LCS Client Smp ID: 116708LCS
Inj Date : 14-FEB-2012 14:45
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a116708lcs
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\8082A.m\8082a.m
Meth Date : 14-Feb-2012 16:27 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 6 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	1 1016-1	3.934	3.935	-0.001	595429	0.22127	2.2
	2 1016-2	4.373	4.374	-0.001	691654	0.18499	1.8
	3 1016-3	4.814	4.816	-0.002	985033	0.17055	1.7(M)
	4 1016-4	4.934	4.937	-0.003	640903	0.17275	1.7(M)
	5 1016-5	5.325	5.328	-0.003	472435	0.17912	1.8(M)
M	6 PCB 1016 Total				3385454	0.92868	9.3
	7 1260-1	6.390	6.393	-0.003	1185459	0.20130	2.0
	8 1260-2	6.703	6.706	-0.003	981119	0.19916	2.0(M)
	9 1260-3	6.927	6.930	-0.003	1016302	0.19730	2.0(M)
	10 1260-4	7.106	7.109	-0.003	2584276	0.20207	2.0
	11 1260-5	7.954	7.958	-0.004	652904	0.20117	2.0(M)
M	12 PCB 1260 Total				6420060	1.00100	10.0
$	45 decachlorobiphenyl	8.657	8.663	-0.006	2505788	0.12214	1.2

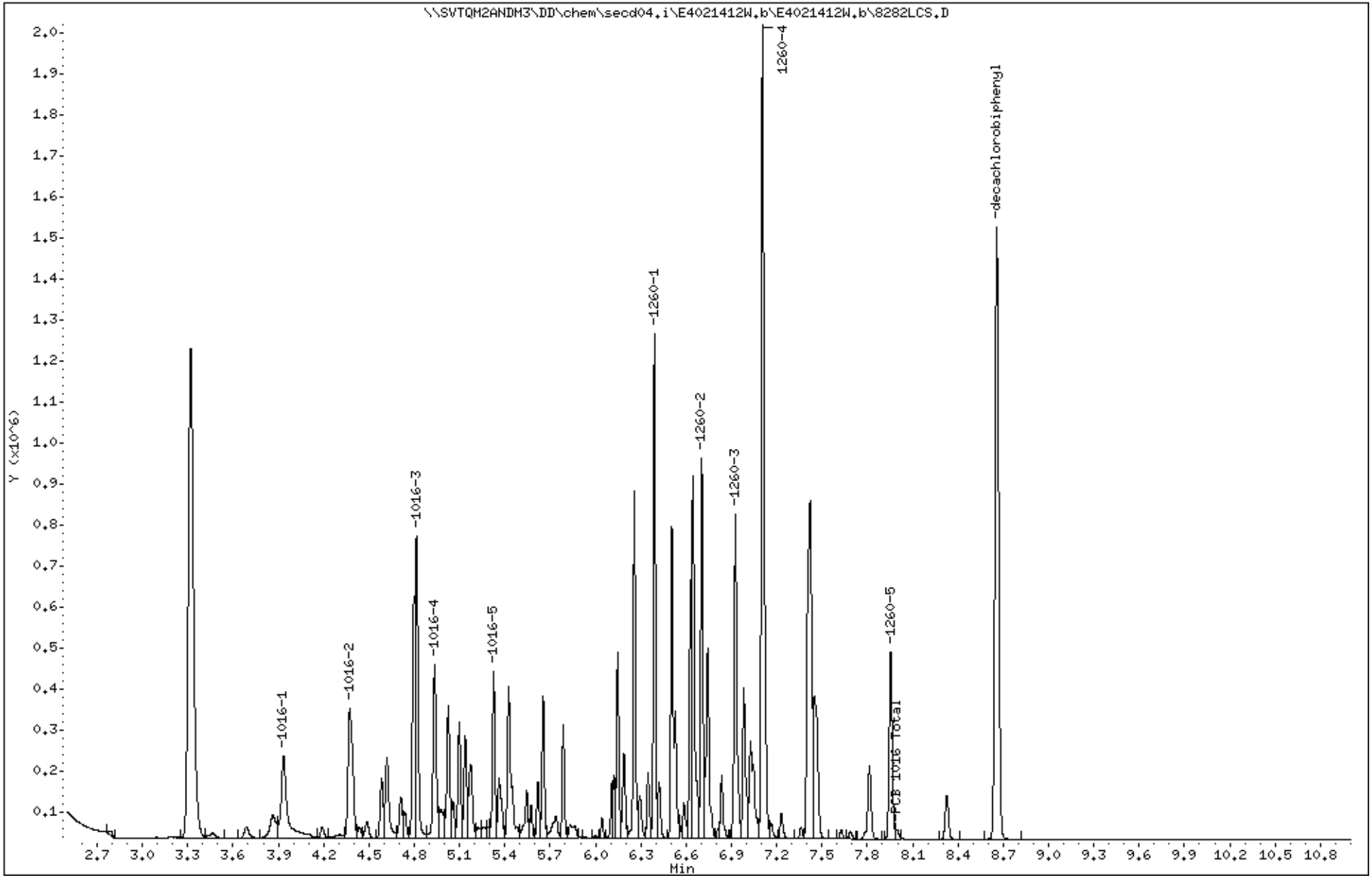
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\E4021412W.b\8282LCS.D
Date : 14-FEB-2012 14:45
Client ID: 116708LCS
Sample Info: a116708lcs

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\8282LCSD.D
Report Date: 14-Feb-2012 17:03

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\8282LCSD.D
Lab Smp Id: 116709LCSD Client Smp ID: 116709LCSD
Inj Date : 14-FEB-2012 15:01
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a116709lcsd
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\8082A.m
Meth Date : 14-Feb-2012 16:27 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 7 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	1 1016-1	3.812	3.824	-0.012	136718	0.17154	1.7
	2 1016-2	4.228	4.238	-0.010	182798	0.16499	1.6
	3 1016-3	4.708	4.718	-0.010	452722	0.16305	1.6
	4 1016-4	4.833	4.843	-0.010	220923	0.16654	1.7
	5 1016-5	5.269	5.278	-0.009	108615	0.17197	1.7
M	6 PCB 1016 Total				1101776	0.83809	8.4
	7 1260-1	6.327	6.334	-0.007	1821703	0.19075	1.9
	8 1260-2	6.603	6.611	-0.008	1266405	0.18139	1.8
	9 1260-3	6.788	6.797	-0.009	985015	0.18050	1.8
	10 1260-4	7.016	7.023	-0.007	3075630	0.18468	1.8
	11 1260-5	7.803	7.813	-0.010	657148	0.20077	2.0(M)
M	12 PCB 1260 Total				7805901	0.93809	9.4
$	45 decachlorobiphenyl	8.318	8.328	-0.010	2330397	0.11379	1.1

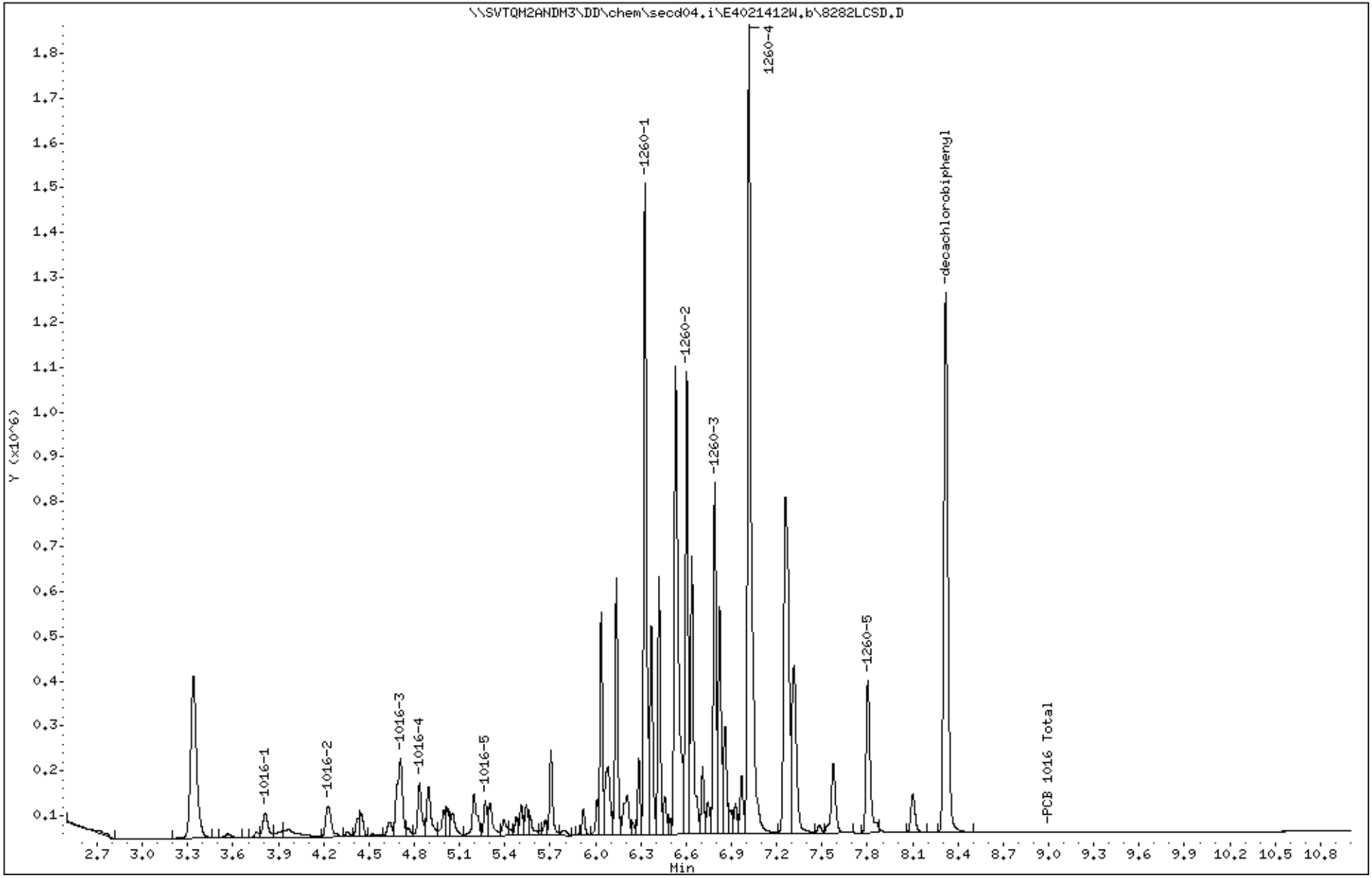
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\8282LCSD.D
Date : 14-FEB-2012 15:01
Client ID: 116709LCSD
Sample Info: a116709lcsd

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



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3505197

Data File: 8282LCSD.D
Report Date: 14-Feb-2012 17:03

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\E4021412W.b\8282LCSD.D
Lab Smp Id: 116709LCSD Client Smp ID: 116709LCSD
Inj Date : 14-FEB-2012 15:01
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a116709lcsd
Misc Info :
Comment   :
Method   : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\8082A.m\8082a.m
Meth Date : 14-Feb-2012 16:27 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 7 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

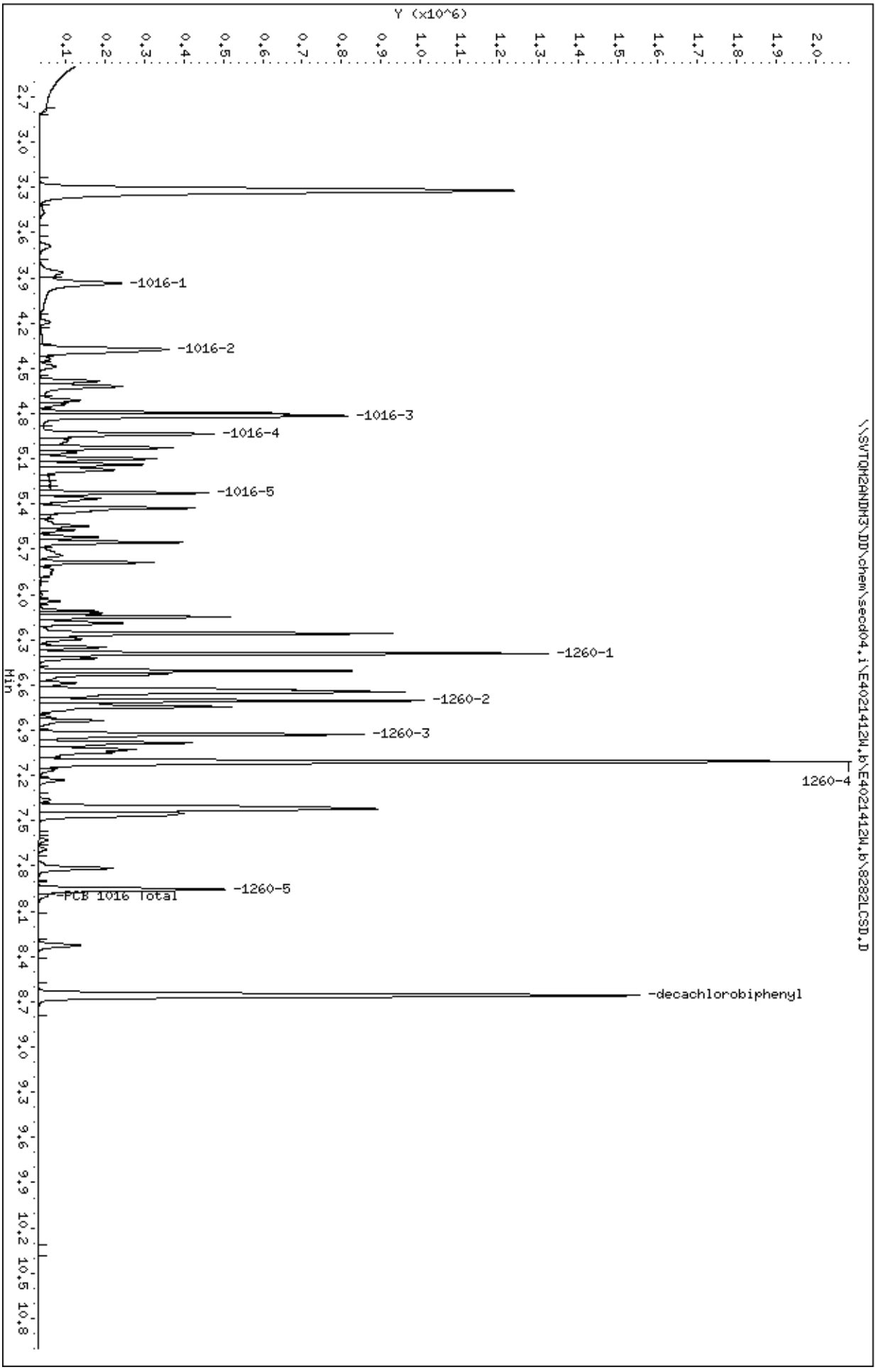
Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	1 1016-1	3.935	3.935	0.000	616340	0.22904	2.3
	2 1016-2	4.373	4.374	-0.001	726442	0.19429	1.9
	3 1016-3	4.814	4.816	-0.002	1120148	0.19394	1.9(M)
	4 1016-4	4.935	4.937	-0.002	670656	0.18077	1.8(M)
	5 1016-5	5.326	5.328	-0.002	493979	0.18729	1.9(M)
M	6 PCB 1016 Total				3627565	0.98533	9.8
	7 1260-1	6.391	6.393	-0.002	1242238	0.21094	2.1
	8 1260-2	6.703	6.706	-0.003	1022177	0.20749	2.1
	9 1260-3	6.927	6.930	-0.003	1064396	0.20664	2.1
	10 1260-4	7.107	7.109	-0.002	2701399	0.21123	2.1
	11 1260-5	7.955	7.958	-0.003	682476	0.21028	2.1
M	12 PCB 1260 Total				6712686	1.04658	10.5
$	45 decachlorobiphenyl	8.658	8.663	-0.005	2557147	0.12465	1.2

QC Flag Legend

M - Compound response manually integrated.


Data File: \\SVTQM2ANDM3\DD\chem\secd04,i\E4021412W,b\E4021412W,b\8282LCSD,D
Date : 14-FEB-2012 15:01
Client ID: 116709LCSD
Sample Info: a116709lcsd
Column phase: STX-CLP2
Instrument: secd04,i
Operator: PEL Labs
Column diameter: 0.32
Y (x10^6)
Min
-1016-1
-1016-2
-1016-3
-1016-4
-1016-5
-1260-1
-1260-2
-1260-3
1260-4
-1260-5
-PCB 1016 Total
-decachlorobiphenyl
\\SVTQM2ANDM3\DD\chem\secd04,i\E4021412W,b\E4021412W,b\8282LCSD,D

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\19701.D
Report Date: 14-Feb-2012 17:03

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Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\19701.D
Lab Smp Id: 350519701 Client Smp ID: JM22-QCWIPE4-021312
Inj Date : 14-FEB-2012 15:16
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a350519701
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\8082A.m
Meth Date : 14-Feb-2012 16:27 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pall.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

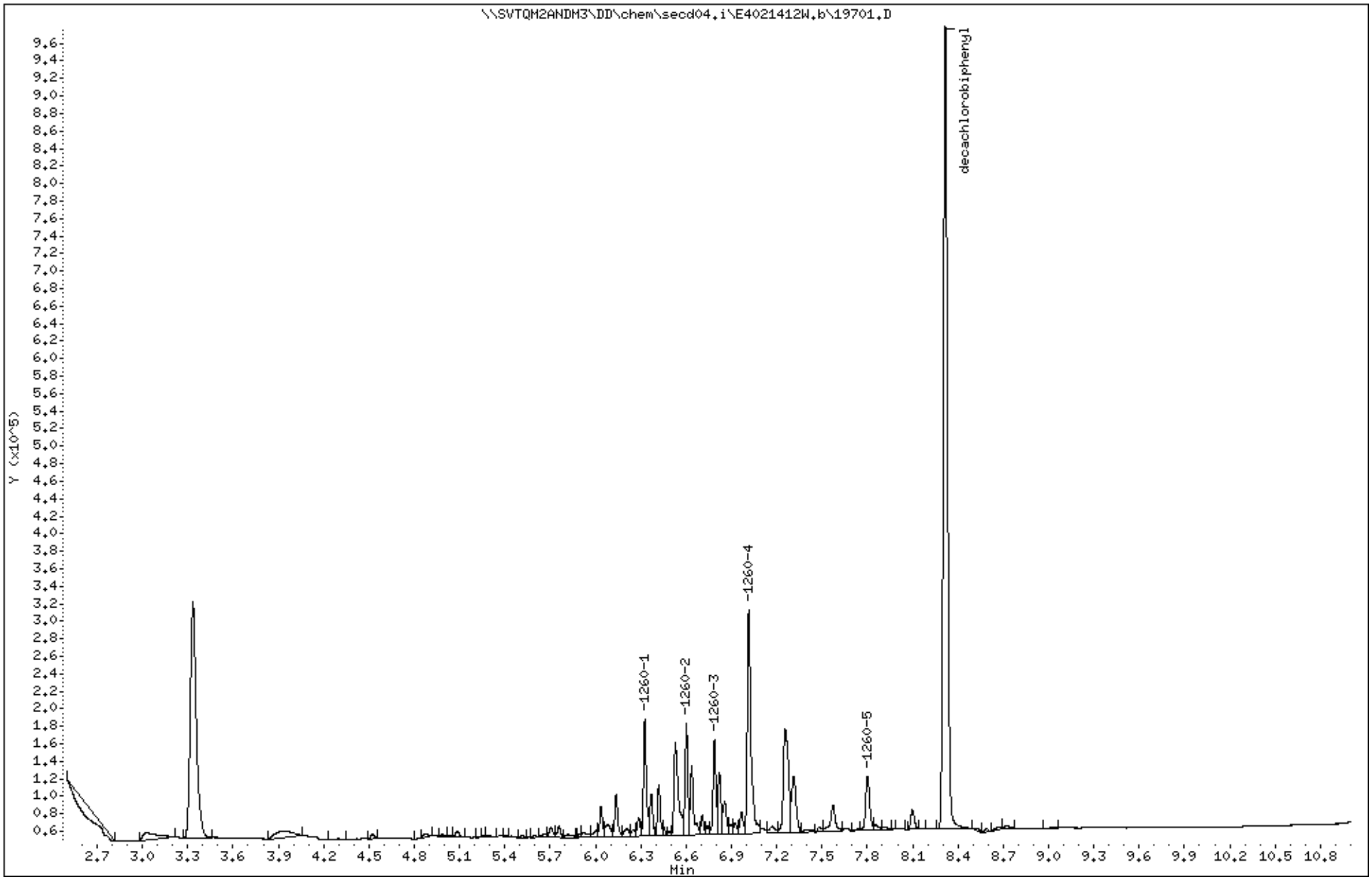
	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
7	1260-1	6.326	6.334	-0.008	176177	0.01845	0.18(M)
8	1260-2	6.602	6.611	-0.009	162035	0.02321	0.23(M)
9	1260-3	6.788	6.797	-0.009	140826	0.02581	0.26(M)
10	1260-4	7.014	7.023	-0.009	429992	0.02582	0.26(M)
11	1260-5	7.801	7.813	-0.012	113274	0.03461	0.35(M)
M 12	PCB 1260 Total				1022304	0.12789	1.3
$ 45	decachlorobiphenyl	8.316	8.328	-0.012	1732318	0.08459	0.84

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\19701.D
Date : 14-FEB-2012 15:16
Client ID: JM22-QCWIPE4-021312
Sample Info: a350519701

Instrument: secd04.i
Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



Data File: 19701.D
Report Date: 14-Feb-2012 17:03

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\E4021412W.b\19701.D
Lab Smp Id: 350519701 Client Smp ID: JM22-QCWIPE4-021312
Inj Date : 14-FEB-2012 15:16
Operator : PEL Labs Inst ID: secd04.i
Smp Info : a350519701
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\8082A.m\8082a.m
Meth Date : 14-Feb-2012 16:27 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pall.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * Vf/Wp * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Wp	1.000	Wipes
Cpnd Variable		Local Compound Variable

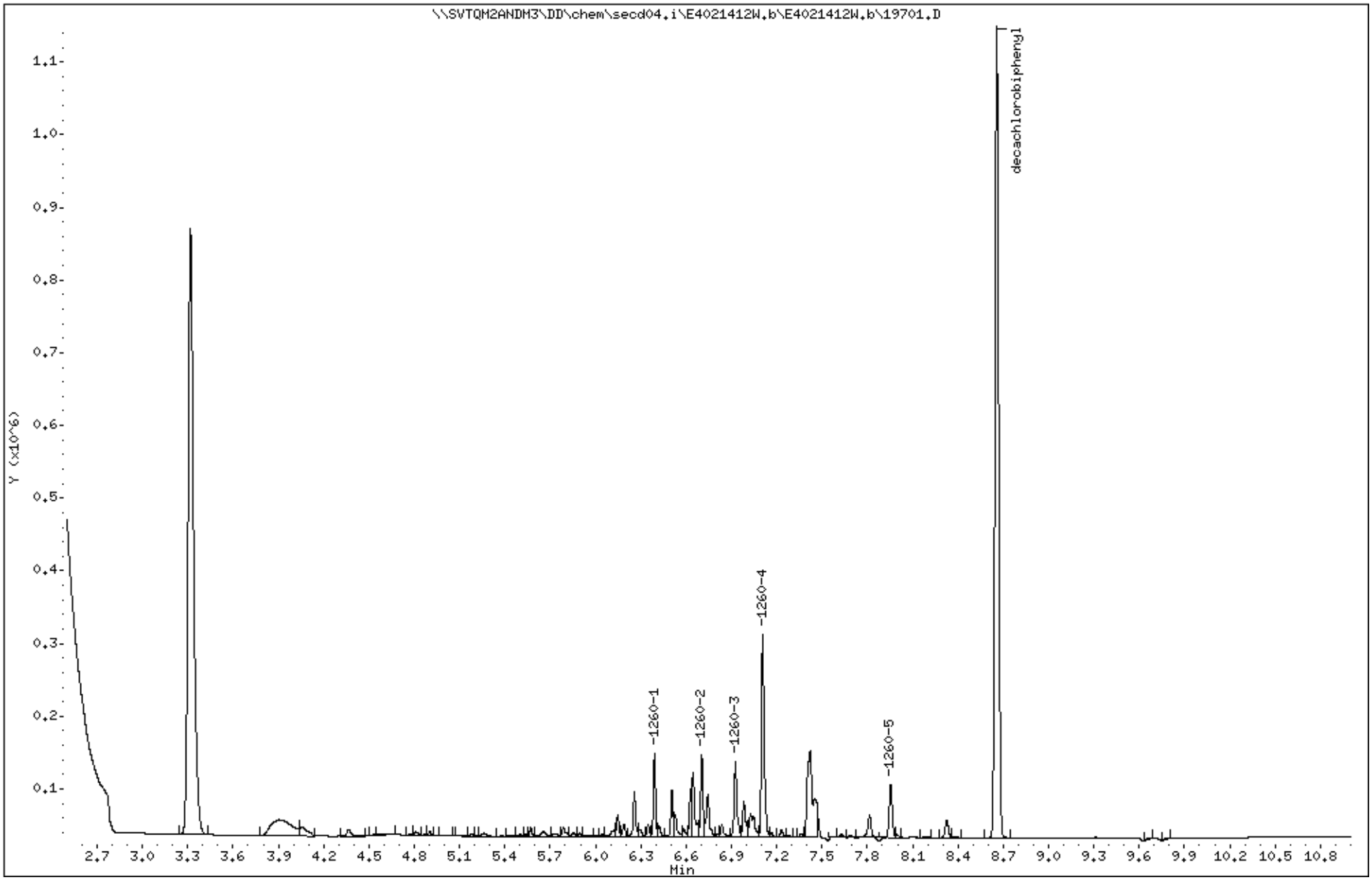
	Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
7	1260-1	6.391	6.393	-0.002	114878	0.01951	0.20
8	1260-2	6.703	6.706	-0.003	123003	0.02497	0.25
9	1260-3	6.926	6.930	-0.004	134272	0.02607	0.26
10	1260-4	7.106	7.109	-0.003	358884	0.02806	0.28
11	1260-5	7.953	7.958	-0.005	96662	0.02978	0.30(M)
M 12	PCB 1260 Total				827699	0.12839	1.3
$ 45	decachlorobiphenyl	8.657	8.663	-0.006	1806619	0.08806	0.88

QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\E4021412W.b\19701.D
Date : 14-FEB-2012 15:16
Client ID: JM22-QCWIPE4-021312
Sample Info: a350519701

Instrument: secd04.i
Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\ACCV2R.D
Report Date: 14-Feb-2012 17:03

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METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\ACCV2R.D
Lab Smp Id: 45004 Client Smp ID: ACCV2R
Inj Date : 14-FEB-2012 16:12
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 45004
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\8082A.m
Meth Date : 14-Feb-2012 16:27 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol.of extract
Ws	15.000	weight of sample extracted (g)
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	1 1016-1	3.824	3.824	0.000	76402	0.10000	0.096(M)
	2 1016-2	4.238	4.238	0.000	102396	0.10000	0.092(M)
	3 1016-3	4.718	4.718	0.000	250738	0.10000	0.090(M)
	4 1016-4	4.843	4.843	0.000	124771	0.10000	0.094(M)
	5 1016-5	5.278	5.278	0.000	60853	0.10000	0.096(M)
M	6 PCB 1016 Total				615160	0.50000	0.47
	7 1260-1	6.334	6.334	0.000	899829	0.10000	0.094(M)
	8 1260-2	6.611	6.611	0.000	641052	0.10000	0.092(M)
	9 1260-3	6.797	6.797	0.000	510700	0.10000	0.094(M)
	10 1260-4	7.023	7.023	0.000	1556283	0.10000	0.093(M)
	11 1260-5	7.813	7.813	0.000	326922	0.10000	0.100(M)
M	12 PCB 1260 Total				3934786	0.50000	0.47
$	45 decachlorobiphenyl	8.328	8.328	0.000	936143	0.05000	0.046

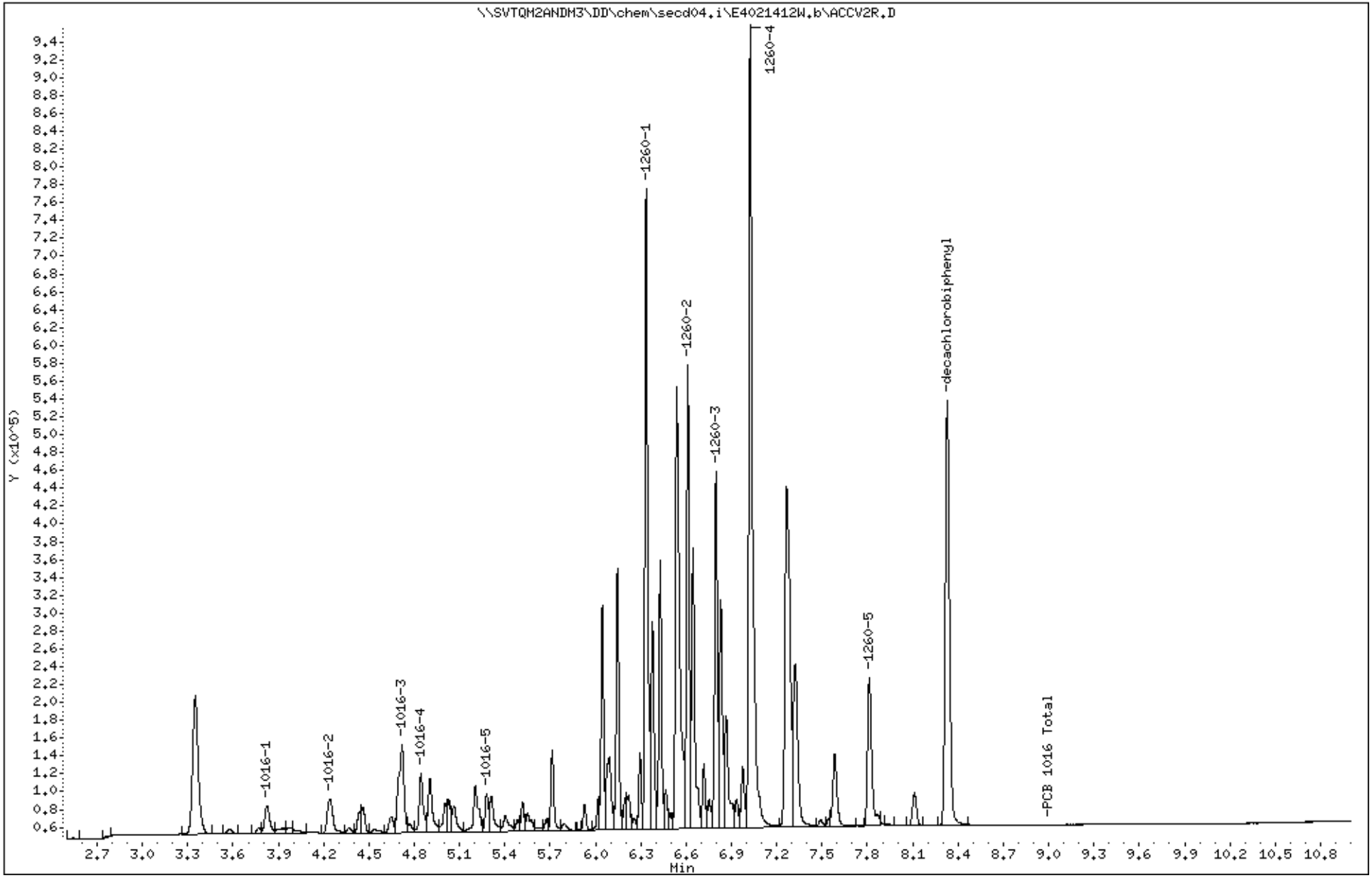
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\ACCV2R.D
Date : 14-FEB-2012 16:12
Client ID: ACCV2R
Sample Info: 45004

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP1
Column diameter: 0.32



3505197

Data File: ACCV2R.D
Report Date: 14-Feb-2012 17:03

PEL Laboratories, Inc.

METHOD 8082

Data file : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\E4021412W.b\ACCV2R.D
Lab Smp Id: 45004 Client Smp ID: ACCV2R
Inj Date : 14-FEB-2012 16:12
Operator : PEL Labs Inst ID: secd04.i
Smp Info : 45004
Misc Info :
Comment :
Method : \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\8082A.m\8082a.m
Meth Date : 14-Feb-2012 16:27 rortiz Quant Type: ESTD
Cal Date : 30-JAN-2012 14:29 Cal File: ACAL1.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 10161260.sub
Target Version: 4.14
Processing Host: SVTQM2ANDM3

Concentration Formula: Amt * DF * (Vf/((Ws*(1-(M/100)))/1000)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	10.000	final vol of sample
Ws	15.000	weight of sample extracted
M	0.00000	% moisture
Cpnd Variable		Local Compound Variable

	Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	1 1016-1	3.935	3.935	0.000	284221	0.10000	0.10(M)
	2 1016-2	4.374	4.374	0.000	385126	0.10000	0.10(M)
	3 1016-3	4.816	4.816	0.000	591564	0.10000	0.10(M)
	4 1016-4	4.937	4.937	0.000	350912	0.10000	0.094(M)
	5 1016-5	5.328	5.328	0.000	254777	0.10000	0.096(M)
M	6 PCB 1016 Total				1866600	0.50000	0.50
	7 1260-1	6.393	6.393	0.000	624298	0.10000	0.11(M)
	8 1260-2	6.706	6.706	0.000	526469	0.10000	0.11(M)
	9 1260-3	6.930	6.930	0.000	534544	0.10000	0.10(M)
	10 1260-4	7.109	7.109	0.000	1390801	0.10000	0.11(M)
	11 1260-5	7.958	7.958	0.000	317659	0.10000	0.098(M)
M	12 PCB 1260 Total				3393771	0.50000	0.52
$	45 decachlorobiphenyl	8.663	8.663	0.000	995154	0.05000	0.048

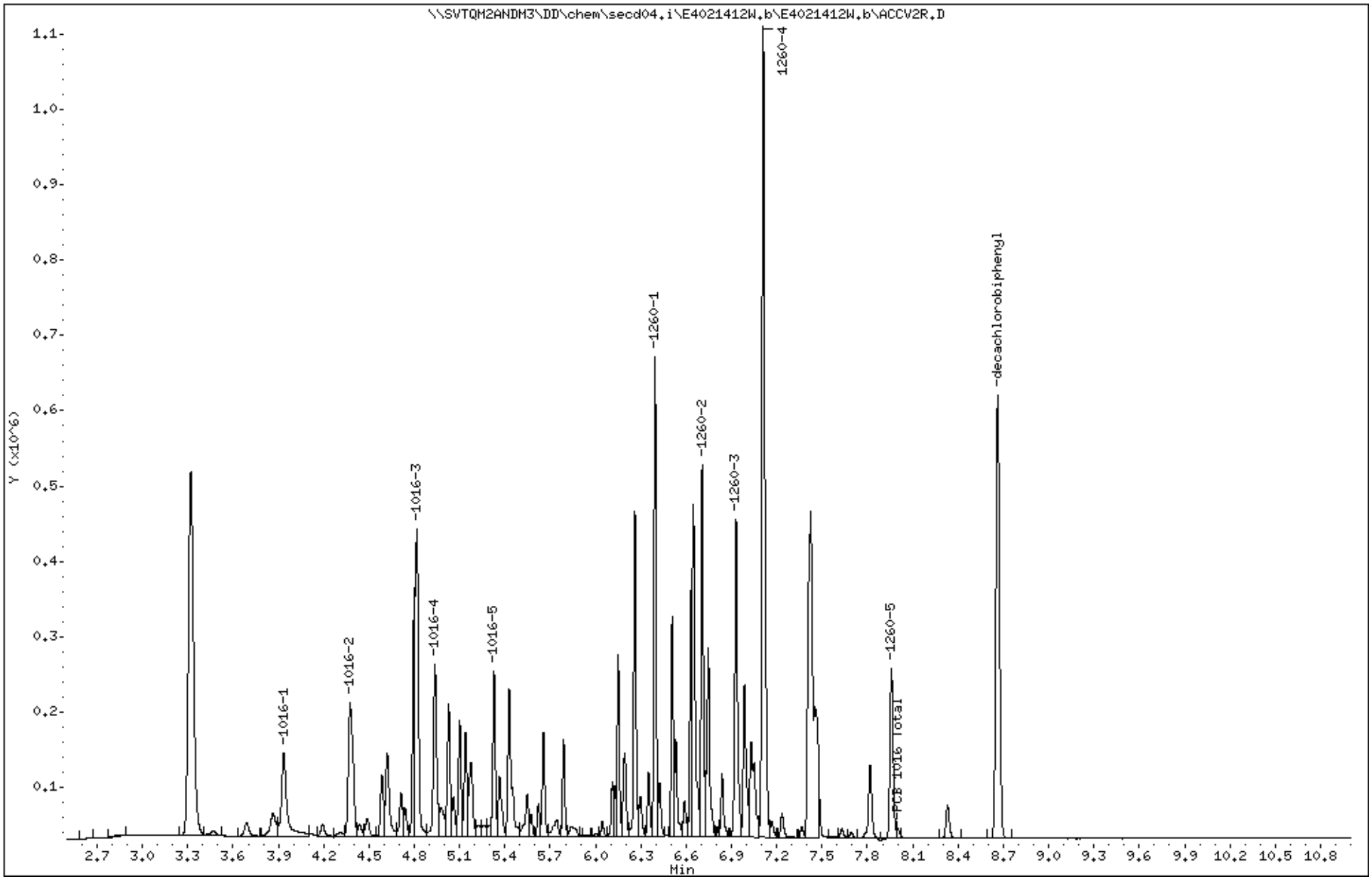
QC Flag Legend

M - Compound response manually integrated.

Data File: \\SVTQM2ANDM3\DD\chem\secd04.i\E4021412W.b\E4021412W.b\ACCV2R.D
Date : 14-FEB-2012 16:12
Client ID: ACCV2R
Sample Info: 45004

Instrument: secd04.i

Operator: PEL Labs
Column phase: STX-CLP2
Column diameter: 0.32



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3505197

End Of Report

240212 1614

Groundwater Samples

NAS Key West

PREPARED FOR:	NAS Key West / Parcel K Groundwater Sampling 2013
FINAL REVIEWER/ INITIAL REVIEWER	Camden Robinson/ Project Chemist/CH2M Hill
COPIES:	Amy Twitty /Project Manager/AGVIQ-CH2M HILL
DATE:	September 16th, 2013
SUBJECT:	Quality Assessment for Samples collected August 22nd, 2013

This quality assurance memorandum is based upon a review of analytical data generated for the groundwater samples and the associated field quality control samples collected August 22nd, 2013 at the Naval Activity Station Key West in Key West, Florida. The samples were collected as a part of the Parcel K Groundwater sampling event conducted at the site. The specific samples and analytical fractions reviewed are summarized below in Table 1.

The Quality Control areas that were reviewed and the resulting findings are documented within each subsection that follows. Data validation was conducted using the validation criteria outlined in the guidance procedures described in the Environmental Protection Agency (EPA *National Functional Guidelines for Inorganic Data Review (EPA 2010)* and/or the general guidance provided in the Department of Defense (DOD) Quality Systems Manual - Version 4.2 Final October 2010 (based on NELAC Voted Version – 5 June 2003). Analytical methods and laboratory standard operating procedures (SOPs) were used to evaluate compliance against quality assurance (QA)/QC criteria. If QA/QC criteria were not met, data was considered for qualification.

Samples were submitted to Gulf Coast Analytical Laboratories, Inc. of Baton Rouge, Louisiana for the following analysis: SW-846 6010C Lead.

Sample results that were not within the acceptance limits were appended with a qualifying flag, which consisted of a single- or double-letter code that indicated a possible problem with the data. The qualifying flags originated during the data review and validation processes. These also include the secondary, or the two/three-digit "sub-qualifier" flags. The secondary qualifiers provide the reasoning behind the assignment of a qualifier flag to the data. The secondary qualifiers are presented and defined below.

Attachment 1 lists the changes in data qualifiers, due to the validation process.

The following primary flags were used to qualify the data:

[=] Detected. The analyte was analyzed for and detected at the concentration shown.

[J] Estimated. The analyte was present but the reported value may not be accurate or precise.

[JB] Estimated. The data validator applied this qualifier to indicate that the analyte may be present but the reported value may not be accurate or precise due to the analyte was detected in the associated field, equipment, and/or trip blank.

[B] Estimated. The data validator applied this qualifier to indicate that the analyte may be present but the reported value may not be accurate or precise due to the analyte was detected in the associated method, initial calibration, and/or continuing calibration blank.

[U] Undetected. The analyte was analyzed for but not detected above the method detection limit. The data validator may also apply this qualifier to indicate that a concentration was not detected at significantly greater than that in an associated blank.

[UJ] Detection limit estimated. The analyte was analyzed for but qualified as not detected; the result is estimated.

[UR] Rejected. The data is not useable. The absence of the analyte cannot be verified.

[R] Rejected. The data is not useable.

Secondary Qualifier Codes

Code	Definition
2SH	Second Source Accuracy High
2SL	Second Source Accuracy Low
BD	Blank Spike/Blank Spike Duplicate (LCS/LCSD) Precision
BL	Blank
BSH	Blank Spike/LCS Recovery High
BSL	Blank Spike/LCS Recovery Low
CCH	Continuing Calibration Verification Accuracy High
CCL	Continuing Calibration Verification Accuracy Low
DL	Dilution
EB	Equipment Blank
FD	Field Duplicate
LD	Laboratory Duplicate
HT	Holding Time
ICH	Initial Calibration High
ICL	Initial Calibration Low
ISH	Internal Standard Area Response High
ISL	Internal Standard Area Response Low
LR	Linear Range (Exceeded calibration range)
MD	Matrix Spike/Matrix Spike Duplicate Precision
MSH	Matrix Spike and/or Matrix Spike Duplicate Recovery High
MSL	Matrix Spike and/or Matrix Spike Duplicate Recovery Low
OT	Other
PS	Post Digest Spike
RA	Re-analysis
RE	Re-extraction
RF	Response Factor
SSH	Spiked Surrogate Recovery High
SSL	Spiked Surrogate Recovery Low
TN	Tune
EMPC	Estimated Maximum Possible Concentration

Table 1 - Chemical Analytical Methods – Field and Quality Control Samples

SDG	Sample ID	Lab Sample ID	Matrix	Sample Type	Date Collected	Analyses Performed
213082301	JM22-MW-I2E-082213	21308230101	GW	N	08/22/2013	[1]
213082301	JM22-MW-I2E-MS-082213	21308230102	WQ	MS	08/22/2013	[1]
213082301	JM22-MW-I2E-SD-082213	21308230103	WQ	SD	08/22/2013	[1]
213082301	JM22-FD-01-082213	21308230104	GW	FD	08/22/2013	[1]
213082301	JM22-EB-01-082213	21308230105	WQ	EB	08/22/2013	[1]

MATRIX CODE

GW – Groundwater
WQ – Water Quality Control Sample

SAMPLE TYPE CODE

N – Native Sample
EB – Equipment Blank
FD – Field Duplicate
MS - Matrix Spike
SD – Matrix Spike Duplicate

ANALYSIS CODE

[1] – Lead by SW-846 method 6010C

Inorganic Parameters

Quality Control Review

The following list represents the QA/QC measures that were reviewed during the data quality evaluation procedure for organic data.

- **Holding Times** – The holding times are evaluated to verify that samples were extracted and analyzed within holding times.
- **Blank samples** – Method blanks, initial calibration blanks, continuing calibration blanks, and equipment blanks were provided for this project. Blank samples enable the reviewer to determine if an analyte may be attributed to sampling or laboratory procedures, rather than environmental contamination from site activities.
- **Lab Control Sample (LCS)** – This sample is a "controlled matrix", either laboratory reagent water or Ottawa sand, in which target compounds have been added prior to extraction/analysis. The recoveries serve as a monitor of the overall performance of each step during the analysis, including sample preparation.
- **Matrix Spike/Matrix Spike Duplicate (MS/MSD) Samples** – Spike recovery is used to evaluate potential matrix interferences, as well as accuracy. Precision information is also determined by calculating the reproducibility between the recoveries of each spiked parameter.
- **Field Duplicate Samples** – These samples are collected to determine precision between a native and it's duplicate. This information can only be determined when target compounds are detected.
- **Initial Calibration** – The initial calibration ensures that the instrument is capable of producing acceptable qualitative and quantitative data for the compounds of interest.
- **Continuing Calibration** – The continuing calibration checks satisfactory performance of the instrument and its predicted response to the target compounds.
- **ICP Serial Dilution** - The serial dilution of samples quantitated by ICP determines whether or not significant physical or chemical interferences exist due to sample matrix. If the analyte concentration is sufficiently high, the serial dilution analysis must agree within a 10% difference of the original determination after correction for dilution.
- **Post Digest Spike Sample** - The post digest spike sample indicates the possible presence of matrix interferences in the sample.

Lead Analyses

Holding Time

All samples analyses were performed within hold time.

Instrument Calibration

All Initial and Continuing Calibration criteria were met.

Low Level Spike Calibration Verification

All low level spike calibration verification criteria were met.

Interference Check Sample

The interference check standard criteria were met

Serial Dilution

All serial dilution criteria were met.

Blanks

There were no detections in the initial calibration, continuing calibration, equipment, and method blanks.

Laboratory Control Sample Recoveries

Laboratory control samples (LCS) were prepared and analyzed with each sample preparation batch and analytical run. Laboratory accuracy objectives were met for all LCS samples.

Matrix Spike and Matrix Spike Duplicate Recoveries

A matrix spike and spike duplicate samples were collected and analyzed using field sample JM22-MW-12E-082213. The matrix spike / matrix spike duplicate (MS/MSD) accuracy and precision objectives were met.

Field Duplicates

Field sample JM22-MW-12E-082213 was collected and analyzed in duplicate. Field duplicate precision objectives were met.

Rejected Data

No data were rejected based upon the validation process for this sampling event.

GROUNDWATER CLEANUP TARGET LEVELS

All samples collected and analyzed August 2013 for the total lead analyses were less than the groundwater cleanup target levels.

Data Usability

A review of the analytical data submitted regarding the investigation of NAS Key West Parcel K Groundwater Sampling, by CH2M HILL has been completed. An overall evaluation of the data indicates that the sample handling, shipment, and analytical procedures have been adequately completed, and that the analytical results should be considered usable as qualified.

Data reviewed in this report meet the data quality goals stated in the project quality assurance project plan (QAPP). The data user can use the data as reported.

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL | Sample ID: JM22-MW-I2E-082213

Lab Code: LA024 | Case No.: | Contract:

Matrix: (soil / water) Water | SAS No.: | SDG No.: 213082301

Level: (low / med) | % Solids: | Lab Sample ID: 21308230101

Date Received: 08/23/13 | Time: 0805 | Date Collected: 08/22/13 | Time: 1539

Analyte	Conc.	Units	C	MDL	LOD	LOQ	Method	Type	Analyzed
Lead	0.0075	mg/L	U	0.0038	0.0075	0.015	SW-846 6010C	P	08/23/13 1455

C.L

FORM I -IN

21308230[illegible] 7

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL | Sample ID: JM22-FD-01-082213

Lab Code: LA024 | Case No.: | Contract:

Matrix: (soil / water) Water | SAS No.: | SDG No.: 213082301

Level: (low / med) | % Solids: | Lab Sample ID: 21308230104

Date Received: 08/23/13 | Time: 0805 | Date Collected: 08/22/13 | Time: 0000

Analyte	Conc.	Units	C	MDL	LOD	LOQ	Method	Type	Analyzed
Lead	0.0075	mg/L	U	0.0038	0.0075	0.015	SW-846 6010C	P	08/23/13 1529

CA

FORM I - IN

21308230104 IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: GCAL | Sample ID: JM22-EB-01-082213

Lab Code: LA024 | Case No.: | Contract:

Matrix: (soil / water) Water | SAS No.: | SDG No.: 213082301

Level: (low / med) | % Solids: | Lab Sample ID: 21308230105

Date Received: 08/23/13 | Time: 0805 | Date Collected: 08/22/13 | Time: 1550

Analyte	Conc.	Units	C	MDL	LOD	LOQ	Method	Type	Analyzed
Lead	0.0075	mg/L	U	0.0038	0.0075	0.015	SW-846 6010C	P	08/23/13 1536

C.L

FORM I - IN

AGVIQ
CH2M HILL

115 Perimeter Center Place, Suite 700
Atlanta, GA 30346-1278
Tel No. (770) 604-9182
Fax No. (770) 604-9282

CHAIN-OF-CUSTODY RECORD

[1] COC NUMBER: 395479-082213-01

[2] PROJECT NAME	[3] PROJECT NUMBER	[4] LAB NAME AND CONTACT	[11] FAX AND MAIL REPORTS/EDD TO RECIPIENT 1 (Name and Company)	[12] RECIPIENT 1 (Address, Tel No., and Fax No.)
NAS Key West - Parcel K	395479	GCAL	Camden Robinson/CH2M HILL	camden.robinson@ch2m.com
[5] PROJECT PHASE/SITE/TASK	[6] CTO OR DO NUMBER	[7] LAB PO NUMBER	[13] FAX AND MAIL REPORTS/EDD TO RECIPIENT 2 (Name and Company)	[14] RECIPIENT 2 (Address, Tel No., and Fax No.)
Groundwater sampling	JM22	817368	Bethany Garvey/CH2M HILL	bethany.garvey@ch2m.com
[8] PROJECT CONTACT	[9] PROJECT TEL NO AND FAX NO	[10] LAB TEL NO AND FAX NO	[15] FAX AND MAIL REPORTS/EDD TO RECIPIENT 3 (Name and Company)	[16] RECIPIENT 3 (Address, Tel No., and Fax No.)
Amy Twitty	850-232-0320	225-769-4900	Amy Twitty/CH2M HILL	amy.twitty@ch2m.com

[23] ANALYSES REQUIRED (Include Method Numbers)

[17] ITEM	[18] SAMPLE IDENTIFIER	[19] SAMPLE DESCRIPTION/LOCATION	[20] MATRIX (see codes on SOP)	[21] DATE COLLECTED	[22] TIME COLLECTED	[23] DATA PKG LEVEL (see codes on SOP)	[24] TAT (calendar days)	CLAD (6010C)	[27] SAMPLE TYPE (see codes on SOP)	[27] COMMENTS/ SCREENING READINGS	[28] LAB ID (for lab's use)
1	JM22-MW-12E-082213	MW-12E	GW	8/22/13	1539	C/IV	24 hr	X	N	24 hour turnaround	1
2	JM22-MW-12E-MS-082213	MW-12E	GW	8/22/13	1539	C/IV	14	X	MS		2
3	JM22-MW-12E-SD-082213	MW-12E	GW	8/22/13	1539	C/IV	14	X	SD		3
4	JM22-FD-01-082213	Field Duplicate #1	GW	8/22/13	—	C/IV	24 hr	X	FD	24 hour turnaround	4
5	JM22-EB-01-082213	Equipment Blank #1	W	8/22/13	1550	C/IV	14	X	EB		5
6	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	C/IV	[redacted]	[redacted]	TB		
7											
8											
9											
10											

Client ID: 4380 - CH2M Hill Constructors
SDG: 213082301
Due Date: 08/26/13

[29] SAMPLER(S) AND COMPANY: (please print)
John Towns, Nikki Monroe - CH2M HILL

[30] COURIER AND SHIPPING NUMBER
FED EX 8027 2540 5544

[31] SAMPLES TEMPERATURE AND CONDITION UPON RECEIPT (for lab's use):
3.4 E24

[32] RELINQUISHED BY	DATE	TIME	[33] RECEIVED BY	DATE	TIME
Printed Name and Signature: John Towns	8/22/13	1800	Printed Name and Signature:		
Printed Name and Signature: Fed EX	8/23/13	805	Printed Name and Signature: [illegible]	8/23/13	805
Printed Name and Signature:			Printed Name and Signature:		

Distribution: 1 - Original Laboratory (To be returned with Analytical Report); 1 - Copy 1 - Project File; 1 - Copy 2 - PMO

Form 1 (CH00) Rev 06-00

Appendix G
Waste Disposal Documentation

T&D Log

JM22 TRANSPORTATION AND DISPOSAL LOG
Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida

Version Date: 2/5/2014

TO No	Project No	Project Name	Site Description	Container Type	Container Designation	Accumulation Start Date	Waste Profile No. and/or Sample ID	(Sub)Contractor	Transporter	Truck Number	Date Transported	Transporter DOT # & EPA ID	Load ID	Disposal Facility	Disp Fac State ID &/or EPA ID	Matrix	Waste Type (Haz, Nonhaz, TSCA)	Waste Code/ Haz Waste No	Disposal Facility Date (found on final manifest)	Manifest Number
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	SWS	Metro Trucking	932	1/23/2012	N/A	1	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/23/2012	45564
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	SWS	Metro Trucking	600	1/23/2012	N/A	2	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/23/2012	45565
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	SWS	Metro Trucking	2605	1/23/2012	N/A	3	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/23/2012	45566
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	SWS	Metro Trucking	4954	1/23/2012	N/A	4	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/23/2012	45567
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	SWS	Metro Trucking	167	1/23/2012	N/A	5	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/23/2012	45568
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	SWS	Metro Trucking	1726	1/23/2012	N/A	6	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/23/2012	45570
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	SWS	Metro Trucking	986	1/23/2012	N/A	7	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/23/2012	45571
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	SWS	Metro Trucking	2050	1/23/2012	N/A	8	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/23/2012	45572
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	SWS	Metro Trucking	4250	1/23/2012	N/A	9	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/23/2012	45574
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	SWS	Metro Trucking	910	1/23/2012	N/A	10	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/23/2012	45575
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	SWS	Metro Trucking	8392	1/23/2012	N/A	11	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/23/2012	45576
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	SWS	Metro Trucking	1233	1/23/2012	N/A	12	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/23/2012	45577
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	SWS	Metro Trucking	7012	1/23/2012	N/A	13	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/23/2012	45578
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	SWS	Metro Trucking	3050	1/23/2012	N/A	14	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/23/2012	45579
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	SWS	Metro Trucking	4990	1/23/2012	N/A	15	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/23/2012	45580
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	SWS	Metro Trucking	259	1/23/2012	N/A	16	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/23/2012	45581
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	SWS	Metro Trucking	211	1/23/2012	N/A	17	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/23/2012	45582
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	600	1/24/2012	N/A	18	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/24/2012	45583
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	2605	1/24/2012	N/A	19	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/24/2012	45584
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	4954	1/24/2012	N/A	20	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/24/2012	45585
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	2050	1/24/2012	N/A	21	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/24/2012	45586
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	986	1/24/2012	N/A	22	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/24/2012	45587
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	927	1/24/2012	N/A	23	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/24/2012	45588
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	1609	1/24/2012	N/A	24	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/24/2012	45589

JM22 TRANSPORTATION AND DISPOSAL LOG
Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida

Version Date: 2/5/2014

TO No	Project No	Project Name	Site Description	Container Type	Container Designation	Accumulation Start Date	Waste Profile No. and/or Sample ID	(Sub)Contractor	Transporter	Truck Number	Date Transported	Transporter DOT # & EPA ID	Load ID	Disposal Facility	Disp Fac State ID &/or EPA ID	Matrix	Waste Type (Haz, Nonhaz, TSCA)	Waste Code/ Haz Waste No	Disposal Facility Date (found on final manifest)	Manifest Number
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	8485	1/24/2012	N/A	25	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/24/2012	45590
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	211	1/24/2012	N/A	26	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/24/2012	45591
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	2111	1/24/2012	N/A	27	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/24/2012	45592
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	910	1/24/2012	N/A	28	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/24/2012	45593
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	4250	1/24/2012	N/A	29	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/24/2012	45594
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	3811	1/24/2012	N/A	30	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/24/2012	45595
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	4990	1/24/2012	N/A	31	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/24/2012	45596
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	259	1/24/2012	N/A	32	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/24/2012	45597
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	932	1/24/2012	N/A	33	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/24/2012	45598
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	282	1/24/2012	N/A	34	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/24/2012	45599
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	1233	1/24/2012	N/A	35	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/24/2012	45600
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	7012	1/24/2012	N/A	36	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/24/2012	45601
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	8392	1/24/2012	N/A	37	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/24/2012	45602
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	1726	1/24/2012	N/A	38	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/26/2012	45603
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/24/2012	N/A	SWS	Metro Trucking	3200	1/24/2012	N/A	39	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/24/2012	45604
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/25/2012	N/A	SWS	Metro Trucking	7011	1/25/2012	N/A	40	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/25/2012	45605
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/25/2012	N/A	SWS	Metro Trucking	1721	1/25/2012	N/A	41	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/25/2012	45606
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/25/2012	N/A	SWS	Metro Trucking	1609	1/25/2012	N/A	42	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/25/2012	45607
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/25/2012	N/A	SWS	Metro Trucking	910	1/25/2012	N/A	43	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/25/2012	45608
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/25/2012	N/A	SWS	Metro Trucking	259	1/25/2012	N/A	44	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/25/2012	45609
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/25/2012	N/A	SWS	Metro Trucking	4250	1/25/2012	N/A	45	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/25/2012	45610
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/25/2012	N/A	SWS	Metro Trucking	927	1/25/2012	N/A	46	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/25/2012	45611
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/25/2012	N/A	SWS	Metro Trucking	1233	1/25/2012	N/A	47	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/25/2012	45612
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/25/2012	N/A	SWS	Metro Trucking	7012	1/25/2012	N/A	48	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/25/2012	45613

JM22 TRANSPORTATION AND DISPOSAL LOG
Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida

Version Date: 2/5/2014

TO No	Project No	Project Name	Site Description	Container Type	Container Designation	Accumulation Start Date	Waste Profile No. and/or Sample ID	(Sub)Contractor	Transporter	Truck Number	Date Transported	Transporter DOT # & EPA ID	Load ID	Disposal Facility	Disp Fac State ID &/or EPA ID	Matrix	Waste Type (Haz, Nonhaz, TSCA)	Waste Code/ Haz Waste No	Disposal Facility Date (found on final manifest)	Manifest Number
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/25/2012	N/A	SWS	Metro Trucking	8392	1/25/2012	N/A	49	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/25/2012	45614
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/25/2012	N/A	SWS	Metro Trucking	3811	1/25/2012	N/A	50	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/25/2012	45615
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/25/2012	N/A	SWS	Metro Trucking	4990	1/25/2012	N/A	51	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/25/2012	45616
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/27/2012	N/A	SWS	Metro Trucking	2605	1/27/2012	N/A	52	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/27/2012	45617
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/27/2012	N/A	SWS	Metro Trucking	4954	1/27/2012	N/A	53	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/27/2012	45618
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/27/2012	N/A	SWS	Metro Trucking	600	1/27/2012	N/A	54	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/27/2012	45619
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/27/2012	N/A	SWS	Metro Trucking	932	1/27/2012	N/A	55	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/27/2012	45620
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/27/2012	N/A	SWS	Metro Trucking	3200	1/27/2012	N/A	56	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/27/2012	45621
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/27/2012	N/A	SWS	Metro Trucking	2605	1/27/2012	N/A	57	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/27/2012	45622
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/30/2012	N/A	SWS	Metro Trucking	1726	1/30/2012	N/A	58	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/30/2012	45623
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/30/2012	N/A	SWS	Metro Trucking	4954	1/30/2012	N/A	59	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/30/2012	45624
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/30/2012	N/A	SWS	Metro Trucking	600	1/30/2012	N/A	60	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/30/2012	45625
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/30/2012	N/A	SWS	Metro Trucking	932	1/30/2012	N/A	61	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/30/2012	45626
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/30/2012	N/A	SWS	Metro Trucking	986	1/30/2012	N/A	62	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/30/2012	45628
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/30/2012	N/A	SWS	Metro Trucking	910	1/30/2012	N/A	63	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/30/2012	45629
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/30/2012	N/A	SWS	Metro Trucking	4250	1/30/2012	N/A	64	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/30/2012	45630
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/30/2012	N/A	SWS	Metro Trucking	4990	1/30/2012	N/A	65	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/30/2012	45631
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/30/2012	N/A	SWS	Metro Trucking	4620	1/30/2012	N/A	66	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/30/2012	45632
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/30/2012	N/A	SWS	Metro Trucking	2605	1/30/2012	N/A	67	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/30/2012	45633
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/30/2012	N/A	SWS	Metro Trucking	1233	1/30/2012	N/A	68	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/30/2012	45634
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/30/2012	N/A	SWS	Metro Trucking	7012	1/30/2012	N/A	69	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/30/2012	45635
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/30/2012	N/A	SWS	Metro Trucking	8392	1/30/2012	N/A	70	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/30/2012	45636
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/30/2012	N/A	SWS	Metro Trucking	2111	1/30/2012	N/A	71	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/30/2012	45637
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/30/2012	N/A	SWS	Metro Trucking	3811	1/30/2012	N/A	72	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/30/2012	45638

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Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida

Version Date: 2/5/2014

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JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/30/2012	N/A	SWS	Metro Trucking	2050	1/30/2012	N/A	73	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/30/2012	45639
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/30/2012	N/A	SWS	Metro Trucking	3811	1/30/2012	N/A	74	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/30/2012	45640
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/30/2012	N/A	SWS	Metro Trucking	211	1/30/2012	N/A	75	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/30/2012	45641
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/30/2012	N/A	SWS	Metro Trucking	333	1/30/2012	N/A	76	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/30/2012	45642
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/30/2012	N/A	SWS	Metro Trucking	259	1/30/2012	N/A	77	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/30/2012	45643
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/31/2012	N/A	SWS	Metro Trucking	1726	1/31/2012	N/A	78	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/31/2012	45644
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/31/2012	N/A	SWS	Metro Trucking	7011	1/31/2012	N/A	79	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/31/2012	45645
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/31/2012	N/A	SWS	Metro Trucking	1721	1/31/2012	N/A	80	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/31/2012	45646
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/31/2012	N/A	SWS	Metro Trucking	986	1/31/2012	N/A	81	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/31/2012	45647
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/31/2012	N/A	SWS	Metro Trucking	1233	1/31/2012	N/A	82	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/31/2012	45648
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/31/2012	N/A	SWS	Metro Trucking	8392	1/31/2012	N/A	83	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/31/2012	45649
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/31/2012	N/A	SWS	Metro Trucking	7012	1/31/2012	N/A	84	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/31/2012	45651
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/31/2012	N/A	SWS	Metro Trucking	211	1/31/2012	N/A	85	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/31/2012	45652
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/31/2012	N/A	SWS	Metro Trucking	333	1/31/2012	N/A	86	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/31/2012	45653
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/31/2012	N/A	SWS	Metro Trucking	2050	1/31/2012	N/A	87	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/31/2012	45654
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/31/2012	N/A	SWS	Metro Trucking	259	1/31/2012	N/A	88	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/31/2012	45655
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/31/2012	N/A	SWS	Metro Trucking	927	1/31/2012	N/A	89	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/31/2012	45656
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/31/2012	N/A	SWS	Metro Trucking	2111	1/31/2012	N/A	90	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	1/31/2012	45657
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/1/2012	N/A	SWS	Metro Trucking	8392	2/1/2012	N/A	91	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/1/2012	45658
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/1/2012	N/A	SWS	Metro Trucking	1233	2/1/2012	N/A	92	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/1/2012	45659
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/1/2012	N/A	SWS	Metro Trucking	986	2/1/2012	N/A	93	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/1/2012	45660
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/1/2012	N/A	SWS	Metro Trucking	3811	2/1/2012	N/A	94	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/1/2012	45661
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/1/2012	N/A	SWS	Metro Trucking	7011	2/1/2012	N/A	95	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/1/2012	45662
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/1/2012	N/A	SWS	Metro Trucking	1721	2/1/2012	N/A	96	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/1/2012	45663

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JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/1/2012	N/A	SWS	Metro Trucking	7012	2/1/2012	N/A	97	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/1/2012	45664
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/1/2012	N/A	SWS	Metro Trucking	211	2/1/2012	N/A	98	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/1/2012	45665
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/1/2012	N/A	SWS	Metro Trucking	333	2/1/2012	N/A	99	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/1/2012	45666
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/1/2012	N/A	SWS	Metro Trucking	2050	2/1/2012	N/A	100	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/1/2012	45667
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/1/2012	N/A	SWS	Metro Trucking	1726	2/1/2012	N/A	101	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/1/2012	45668
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/1/2012	N/A	SWS	Metro Trucking	2111	2/1/2012	N/A	102	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/1/2012	45669
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/1/2012	N/A	SWS	Metro Trucking	259	2/1/2012	N/A	103	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/1/2012	45670
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/2/2012	N/A	SWS	Metro Trucking	1836	2/2/2012	N/A	104	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/2/2012	45671
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/2/2012	N/A	SWS	Metro Trucking	986	2/2/2012	N/A	105	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/2/2012	45672
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/2/2012	N/A	SWS	Metro Trucking	333	2/2/2012	N/A	106	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/2/2012	45673
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/2/2012	N/A	SWS	Metro Trucking	211	2/2/2012	N/A	107	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/2/2012	45674
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/2/2012	N/A	SWS	Metro Trucking	910	2/2/2012	N/A	108	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/2/2012	45675
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/2/2012	N/A	SWS	Metro Trucking	4250	2/2/2012	N/A	109	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/2/2012	45676
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/2/2012	N/A	SWS	Metro Trucking	4990	2/2/2012	N/A	110	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/2/2012	45677
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/2/2012	N/A	SWS	Metro Trucking	259	2/2/2012	N/A	111	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/2/2012	45678
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/2/2012	N/A	SWS	Metro Trucking	2093	2/2/2012	N/A	112	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/2/2012	45679
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/2/2012	N/A	SWS	Metro Trucking	927	2/2/2012	N/A	113	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/2/2012	45680
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/2/2012	N/A	SWS	Metro Trucking	2111	2/2/2012	N/A	114	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/2/2012	45681
JM22	1982 / 395479	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/2/2012	N/A	SWS	Metro Trucking	2050	2/2/2012	N/A	115	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/2/2012	45682
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	292	2/3/2012	N/A	116	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	45684
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	2605	2/3/2012	N/A	117	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	45685
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	1233	2/3/2012	N/A	118	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	45686
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	8392	2/3/2012	N/A	119	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	45687
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	7012	2/3/2012	N/A	120	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	45688

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Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida

Version Date: 2/5/2014

TO No	Project No	Project Name	Site Description	Container Type	Container Designation	Accumulation Start Date	Waste Profile No. and/or Sample ID	(Sub)Contractor	Transporter	Truck Number	Date Transported	Transporter DOT # & EPA ID	Load ID	Disposal Facility	Disp Fac State ID &/or EPA ID	Matrix	Waste Type (Haz, Nonhaz, TSCA)	Waste Code/ Haz Waste No	Disposal Facility Date (found on final manifest)	Manifest Number
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	986	2/3/2012	N/A	121	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	45689
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	932	2/3/2012	N/A	122	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	45690
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	3811	2/3/2012	N/A	123	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	45691
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	1721	2/3/2012	N/A	124	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	45692
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	600	2/3/2012	N/A	125	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	45693
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	4954	2/3/2012	N/A	126	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	45694
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	1218	2/3/2012	N/A	127	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	45695
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	317	2/3/2012	N/A	128	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	45696
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	316	2/3/2012	N/A	129	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	45697
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	26	2/3/2012	N/A	130	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	45698
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	130	2/3/2012	N/A	131	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	45699
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	333	2/3/2012	N/A	132	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	45683
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	932	2/3/2012	N/A	133	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	44108
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	2111	2/3/2012	N/A	134	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	44109
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	211	2/3/2012	N/A	135	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	44110
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	927	2/3/2012	N/A	136	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	44111
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	2093	2/3/2012	N/A	137	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	44112
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	910	2/3/2012	N/A	138	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	44113
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	4250	2/3/2012	N/A	139	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	44114
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/3/2012	N/A	SWS	Metro Trucking	259	2/3/2012	N/A	140	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/3/2012	44115
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/7/2012	N/A	SWS	Metro Trucking	2605	2/7/2012	N/A	141	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/7/2012	46815
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/7/2012	N/A	SWS	Metro Trucking	4954	2/7/2012	N/A	142	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/7/2012	46816
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/7/2012	N/A	SWS	Metro Trucking	600	2/7/2012	N/A	143	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/7/2012	46817
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/7/2012	N/A	SWS	Metro Trucking	932	2/7/2012	N/A	144	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/7/2012	46818

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Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida

Version Date: 2/5/2014

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JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Roll-Off Truck	End Dump	1/30/2012	N/A	SWS	SWS Environmental Services	6009	2/13/2012	N/A	145	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/13/2012	46819
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Roll-Off Truck	End Dump	1/30/2012	N/A	SWS	SWS Environmental Services	6019	2/13/2012	N/A	146	Cemex Environmental Services- Miami, FL	FLD981758485	Soil	Non-Hazardous	NA	2/13/2012	46820
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Roll-Off Truck	(CM) Roll-Off	1/27/2012	AL 185075 ERG #171	SWS	SWS Environmental Services	6016 / 88164	2/7/2012	FLD099077257	1	Chemical Waste Management, Emelle, AL	ALD000622464	Soil	Hazardous	RQ, UN3432, Polychlorinated biphenyls, solid, 9, PGII		001226883 FLE
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/27/2012	AL 185075 ERG #171	SWS	ROBBIE D. WOOD, INC.	5283 / 1141	2/7/2012	ALD067138891	2	Chemical Waste Management, Emelle, AL	ALD000622464	Soil	Hazardous	RQ, UN3432, Polychlorinated biphenyls, solid, 9, PGII		001226884 FLE
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/27/2012	AL 185075 ERG #171	SWS	ROBBIE D. WOOD, INC.	5295 / 1145	2/7/2012	ALD067138891	3	Chemical Waste Management, Emelle, AL	ALD000622464	Soil	Hazardous	RQ, UN3432, Polychlorinated biphenyls, solid, 9, PGII		001226885 FLE
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/27/2012	AL 185075 ERG #171	SWS	ROBBIE D. WOOD, INC.	257 / 1130	2/7/2012	ALD067138891	4	Chemical Waste Management, Emelle, AL	ALD000622464	Soil	Hazardous	RQ, UN3432, Polychlorinated biphenyls, solid, 9, PGII		001226886 FLE
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/27/2012	AL 185075 ERG #171	SWS	US Bulk Transport, Inc.	1272 / 1272A	2/7/2012	PAD987347515	5	Chemical Waste Management, Emelle, AL	ALD000622464	Soil	Hazardous	RQ, UN3432, Polychlorinated biphenyls, solid, 9, PGII		001226887 FLE
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/27/2012	AL 185075 ERG #171	SWS	US Bulk Transport, Inc.	303-6 / 303-5	2/7/2012	PAD987347515	6	Chemical Waste Management, Emelle, AL	ALD000622464	Soil	Hazardous	RQ, UN3432, Polychlorinated biphenyls, solid, 9, PGII		001226888 FLE
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/27/2012	AL 185075 ERG #171	SWS	US Bulk Transport, Inc.	367 / 367	2/7/2012	PAD987347515	7	Chemical Waste Management, Emelle, AL	ALD000622464	Soil	Hazardous	RQ, UN3432, Polychlorinated biphenyls, solid, 9, PGII		001226889 FLE
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/27/2012	AL 185075 ERG #171	SWS	US Bulk Transport, Inc.	182 / RM04	2/7/2012	PAD987347515	8	Chemical Waste Management, Emelle, AL	ALD000622464	Soil	Hazardous	RQ, UN3432, Polychlorinated biphenyls, solid, 9, PGII		001226890 FLE
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/27/2012	AL 185075 ERG #171	SWS	US Bulk Transport, Inc.	336 / 336A	2/7/2012	PAD987347515	9	Chemical Waste Management, Emelle, AL	ALD000622464	Soil	Hazardous	RQ, UN3432, Polychlorinated biphenyls, solid, 9, PGII		001226891 FLE
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/27/2012	AL 185075 ERG #171	SWS	ROBBIE D. WOOD, INC.	274 / 1119	2/9/2012	ALD067138891	10	Chemical Waste Management, Emelle, AL	ALD000622464	Soil	Hazardous	RQ, UN3432, Polychlorinated biphenyls, solid, 9, PGII		001309892 GBF
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/27/2012	AL 185075 ERG #171	SWS	US Bulk Transport, Inc.	15125 / 15123A	2/9/2012	PAD987347515	11	Chemical Waste Management, Emelle, AL	ALD000622464	Soil	Hazardous	RQ, UN3432, Polychlorinated biphenyls, solid, 9, PGII		001226892 FLE
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/27/2012	AL 185075 ERG #171	SWS	ROBBIE D. WOOD, INC.	220 / 1102	2/9/2012	ALD067138891	12	Chemical Waste Management, Emelle, AL	ALD000622464	Soil	Hazardous	RQ, UN3432, Polychlorinated biphenyls, solid, 9, PGII		001309893 GBF
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Roll-Off Truck	(CM) Roll-Off	1/27/2012	AL 185075 ERG #171	SWS	SWS Environmental Services	6009 / 88166	2/9/2012	FLR000122796	13	Chemical Waste Management, Emelle, AL	ALD000622464	Soil	Hazardous	RQ, UN3432, Polychlorinated biphenyls, solid, 9, PGII		001309894 GBF
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	Naval Air Station Key West, Key West, Florida	Roll-Off Truck	(CM) Roll-Off	1/27/2012	AL 185075 ERG #171	SWS	SWS Environmental Services	6019 / 52152	2/9/2012	FLR000122796	14	Chemical Waste Management, Emelle, AL	ALD000622464	Soil	Hazardous	RQ, UN3432, Polychlorinated biphenyls, solid, 9, PGII		001309895 GBF

TOTAL TONNAGE

JM22 TRANSPORTATION AND DISPOSAL LOG
Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida

Disposal Treatment Method (Enter disposal quantity under appropriate method)							Certificate of Disposal/ Destruction Date	Comments/Notes	File Status (see note)
Incineration	Landfill	Recycle	Onsite	Offsite Water Treatment	Other	Unit			
20.79						Tons		NH Contaminated Soil	4
19.68						Tons		NH Contaminated Soil	4
22.48						Tons		NH Contaminated Soil	4
21.15						Tons		NH Contaminated Soil	4
22.42						Tons		NH Contaminated Soil	4
20.02						Tons		NH Contaminated Soil	4
20.09						Tons		NH Contaminated Soil	4
21.45						Tons		NH Contaminated Soil	4
21.57						Tons		NH Contaminated Soil	4
23.16						Tons		NH Contaminated Soil	4
20.99						Tons		NH Contaminated Soil	4
23.32						Tons		NH Contaminated Soil	4
20.87						Tons		NH Contaminated Soil	4
18.52						Tons		NH Contaminated Soil	4
20.72						Tons		NH Contaminated Soil	4
22.93						Tons		NH Contaminated Soil	4
21.14						Tons		NH Contaminated Soil	4
19.62						Tons		NH Contaminated Soil	4
21.48						Tons		NH Contaminated Soil	4
20.01						Tons		NH Contaminated Soil	4
20.42						Tons		NH Contaminated Soil	4
21.93						Tons		NH Contaminated Soil	4
21.22						Tons		NH Contaminated Soil	4
20.73						Tons		NH Contaminated Soil	4

JM22 TRANSPORTATION AND DISPOSAL LOG
Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida

Disposal Treatment Method (Enter disposal quantity under appropriate method)							Certificate of Disposal/ Destruction Date	Comments/Notes	File Status (see note)
Incineration	Landfill	Recycle	Onsite	Offsite Water Treatment	Other	Unit			
19.58						Tons		NH Contaminated Soil	4
21.67						Tons		NH Contaminated Soil	4
19.47						Tons		NH Contaminated Soil	4
22.63						Tons		NH Contaminated Soil	4
21.61						Tons		NH Contaminated Soil	4
20.38						Tons		NH Contaminated Soil	4
22.67						Tons		NH Contaminated Soil	4
22.19						Tons		NH Contaminated Soil	4
22.23						Tons		NH Contaminated Soil	4
21.18						Tons		NH Contaminated Soil	4
22.45						Tons		NH Contaminated Soil	4
24.88						Tons		NH Contaminated Soil	4
22.94						Tons		NH Contaminated Soil	4
20.86						Tons		NH Contaminated Soil	4
26.33						Tons		NH Contaminated Soil	4
22.65						Tons		NH Contaminated Soil	4
22.99						Tons		NH Contaminated Soil	4
22.37						Tons		NH Contaminated Soil	4
23.41						Tons		NH Contaminated Soil	4
22.57						Tons		NH Contaminated Soil	4
21.34						Tons		NH Contaminated Soil	4
21.75						Tons		NH Contaminated Soil	4
22.33						Tons		NH Contaminated Soil	4
27.15						Tons		NH Contaminated Soil	4

Disposal Treatment Method (Enter disposal quantity under appropriate method)							Certificate of Disposal/ Destruction Date	Comments/Notes	File Status (see note)
Incineration	Landfill	Recycle	Onsite	Offsite Water Treatment	Other	Unit			
23.18						Tons		NH Contaminated Soil	4
24.08						Tons		NH Contaminated Soil	4
20.95						Tons		NH Contaminated Soil	4
22.31						Tons		NH Contaminated Soil	4
21.28						Tons		NH Contaminated Soil	4
21.88						Tons		NH Contaminated Soil	4
21.56						Tons		NH Contaminated Soil	4
24.84						Tons		NH Contaminated Soil	4
22.55						Tons		NH Contaminated Soil	4
21.51						Tons		NH Contaminated Soil	4
20.02						Tons		NH Contaminated Soil	4
21.45						Tons		NH Contaminated Soil	4
21.96						Tons		NH Contaminated Soil	4
21.06						Tons		NH Contaminated Soil	4
23.93						Tons		NH Contaminated Soil	4
21.68						Tons		NH Contaminated Soil	4
22.93						Tons		NH Contaminated Soil	4
	Broke down (radiator). Off-loaded into two rolloffs 2/10/12					Tons		NH Contaminated Soil	1,2,3
22.81						Tons		NH Contaminated Soil	4
21.29						Tons		NH Contaminated Soil	4
22.08						Tons		NH Contaminated Soil	4
20.81						Tons		NH Contaminated Soil	4
19.26						Tons		NH Contaminated Soil	4
21.15						Tons		NH Contaminated Soil	4

JM22 TRANSPORTATION AND DISPOSAL LOG
Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida

Disposal Treatment Method (Enter disposal quantity under appropriate method)							Certificate of Disposal/ Destruction Date	Comments/Notes	File Status (see note)
Incineration	Landfill	Recycle	Onsite	Offsite Water Treatment	Other	Unit			
20.96						Tons		NH Contaminated Soil	4
22.66						Tons		NH Contaminated Soil	4
21.30						Tons		NH Contaminated Soil	4
21.55						Tons		NH Contaminated Soil	4
19.73						Tons		NH Contaminated Soil	4
20.05						Tons		NH Contaminated Soil	4
21.36						Tons		NH Contaminated Soil	4
22.60						Tons		NH Contaminated Soil	4
21.83						Tons		NH Contaminated Soil	4
21.43						Tons		NH Contaminated Soil	4
21.11						Tons		NH Contaminated Soil	4
21.29						Tons		NH Contaminated Soil	4
22.08						Tons		NH Contaminated Soil	4
21.75						Tons		NH Contaminated Soil	4
21.16						Tons		NH Contaminated Soil	4
22.81						Tons		NH Contaminated Soil	4
20.82						Tons		NH Contaminated Soil	4
22.03						Tons		NH Contaminated Soil	2
20.26						Tons		NH Contaminated Soil	4
19.94						Tons		NH Contaminated Soil	4
20.39						Tons		NH Contaminated Soil	4
20.58						Tons		NH Contaminated Soil	4
20.13						Tons		NH Contaminated Soil	4
21.36						Tons		NH Contaminated Soil	4

JM22 TRANSPORTATION AND DISPOSAL LOG
Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida

Disposal Treatment Method (Enter disposal quantity under appropriate method)							Certificate of Disposal/ Destruction Date	Comments/Notes	File Status (see note)
Incineration	Landfill	Recycle	Onsite	Offsite Water Treatment	Other	Unit			
19.90						Tons		NH Contaminated Soil	4
21.49						Tons		NH Contaminated Soil	4
22.10						Tons		NH Contaminated Soil	4
21.25						Tons		NH Contaminated Soil	4
	Returned load due to 3rd axle malfunction					Tons		NH Contaminated Soil	1,2,3
20.06						Tons		NH Contaminated Soil	4
22.96						Tons		NH Contaminated Soil	4
21.11						Tons		NH Contaminated Soil	4
22.03						Tons		NH Contaminated Soil	4
22.25						Tons		NH Contaminated Soil	4
21.81						Tons		NH Contaminated Soil	4
22.66						Tons		NH Contaminated Soil	4
21.71						Tons		NH Contaminated Soil	4
25.27						Tons		NH Contaminated Soil	4
22.57						Tons		NH Contaminated Soil	4
20.55						Tons		NH Contaminated Soil	4
21.66						Tons		NH Contaminated Soil	4
20.99						Tons		NH Contaminated Soil	4
21.94						Tons		NH Contaminated Soil	4
22.33						Tons		NH Contaminated Soil	4
21.55						Tons		NH Contaminated Soil	4
21.37						Tons		NH Contaminated Soil	4
21.89						Tons		NH Contaminated Soil	4
22.45						Tons		NH Contaminated Soil	4

JM22 TRANSPORTATION AND DISPOSAL LOG
Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida

Disposal Treatment Method (Enter disposal quantity under appropriate method)							Certificate of Disposal/ Destruction Date	Comments/Notes	File Status (see note)
Incineration	Landfill	Recycle	Onsite	Offsite Water Treatment	Other	Unit			
23.03						Tons		NH Contaminated Soil	4
	22.37 VOID (LOST MANIFEST)					Tons		NH Contaminated Soil	1,2,3
21.88						Tons		NH Contaminated Soil	4
22.66						Tons		NH Contaminated Soil	4
22.37						Tons		NH Contaminated Soil	4
21.27						Tons		NH Contaminated Soil	4
18.55						Tons		NH Contaminated Soil	4
22.34						Tons		NH Contaminated Soil	4
23.12						Tons		NH Contaminated Soil	4
21.86						Tons		NH Contaminated Soil	4
22.00						Tons		NH Contaminated Soil	4
22.28						Tons		NH Contaminated Soil	4
22.52						Tons		NH Contaminated Soil	4
21.51						Tons		NH Contaminated Soil	4
21.21						Tons		NH Contaminated Soil	4
22.10						Tons		NH Contaminated Soil	4
20.92						Tons		NH Contaminated Soil	4
21.88						Tons		NH Contaminated Soil	4
22.39						Tons		NH Contaminated Soil	4
22.06						Tons		NH Contaminated Soil	4
22.65						Tons		NH Contaminated Soil	4
21.19						Tons		NH Contaminated Soil	4
23.38						Tons		NH Contaminated Soil	4
22.37						Tons		NH Contaminated Soil	4

JM22 TRANSPORTATION AND DISPOSAL LOG
Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida

Disposal Treatment Method (Enter disposal quantity under appropriate method)							Certificate of Disposal/ Destruction Date	Comments/Notes	File Status (see note)
Incineration	Landfill	Recycle	Onsite	Offsite Water Treatment	Other	Unit			
12.83						*Tons*		*NH Contaminated Soil*	*4*
8.83						*Tons*		*NH Contaminated Soil*	*4*
	12.39					*Tons*		*HAZ Waste Soil*	*4*
	22.75					*Tons*		*HAZ Waste Soil*	*4*
	21.87					*Tons*		*HAZ Waste Soil*	*4*
	21.04					*Tons*		*HAZ Waste Soil*	*4*
	23.29					*Tons*		*HAZ Waste Soil*	*4*
	22.52					*Tons*		*HAZ Waste Soil*	*4*
	22.66					*Tons*		*HAZ Waste Soil*	*4*
	18.71					*Tons*		*HAZ Waste Soil*	*4*
	23.10					*Tons*		*HAZ Waste Soil*	*4*
	22.96					*Tons*		*HAZ Waste Soil*	*4*
	23.68					*Tons*		*HAZ Waste Soil*	*4*
	18.85					*Tons*		*HAZ Waste Soil*	*4*
	16.16					*Tons*		*HAZ Waste Soil*	*4*
	11.41					*Tons*		*HAZ Waste Soil*	*4*
3087.19	281.39								

Notes:
File Status Codes
1 = Need Manifest
2 = Need Weight Ticket
3 = Need CD
4 = File Complete

JM22 TRANSPORTATION AND DISPOSAL LOG

Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida

Version Date: 2/5/2014

TO No	Project No	Project Name	Site Description	Container Type	Container Designation	Accumulation Start Date	Waste Profile No. and/or Sample ID	(Sub)Contractor	Transporter	Truck Number	Date Transported	Transporter DOT # & EPA ID	Load ID	Disposal Facility	Disp Fac State ID &/or EPA ID	Matrix	Waste Type (Haz, Nonhaz, TSCA)	Waste Code/ Haz Waste No	Disposal Facility Date (found on final manifest)	Manifest Number
JM22	*1982 / 395479*	*Soil Removal Actions at the Truman Waterfront Parcel K*	*Naval Air Station Key West, Key West, Florida*	*Drum*	*None*	*8/29/2013*	*HFSB-IDW-W-091013*	*Capitol Environmental*	*Clark Environmental*		*12/17/2013*	*FLD 984 206 003*	*1*	*Clark Environmental*	*FLD 984 206 003*	*Water*	*Non-Hazardous*	*NA*	*12/17/2013*	
JM22	*1982 / 395479*	*Soil Removal Actions at the Truman Waterfront Parcel K*	*Naval Air Station Key West, Key West, Florida*	*Drum*	*None*	*8/29/2013*	*HFSB-IDW-S-091013*	*Capitol Environmental*	*Clark Environmental*		*12/17/2013*	*FLD 984 206 003*	*2*	*Clark Environmental*	*FLD 984 206 003*	*Soil*	*Non-Hazardous*	*NA*	*12/17/2013*	

JM22 TRANSPORTATION AND DISPOSAL LOG
Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida

Version Date: 2/5/2014

Disposal Treatment Method (Enter disposal quantity under appropriate method)							Certificate of Disposal/ Destruction Date	Comments/Notes	File Status (see note)
Incineration	Landfill	Recycle	Onsite	Offsite Water Treatment	Other	Unit			
	1 drum							*1, 55-gal durm of purge water*	*3*
	1 drum							*1, 55-gal durm of drill cuttings*	*3*

Notes:
File Status Codes
1 = Need Manifest
2 = Need Weight Ticket
3 = Need CD
4 = File Complete

JM22 TRANSPORTATION AND DISPOSAL LOG

Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida

Version Date: 2/5/2014

TO No	Project No	Project Name	Site Description	Container Type	Container Designation	Accumulation Start Date	Waste Profile No. and/or Sample ID	(Sub)Contractor	Transporter	Truck Number	Date Transported	Transporter DOT # & EPA ID	Load ID	Disposal Facility	Disp Fac State ID &/or EPA ID	Matrix	Waste Type (Haz, Nonhaz, TSCA)	Waste Code/ Haz Waste No	Disposal Facility Date (found on final manifest)	Ticket Number
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	001 (Jose)	1/24/2012	N/A	1	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	1/24/2012	13472
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	379 (Roberto)	1/24/2012	N/A	2	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	1/24/2012	12388
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	002 (Alito)	1/24/2012	N/A	3	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	1/24/2012	12262
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	001 (Jose)	1/24/2012	N/A	4	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	1/24/2012	13474
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	379 (Roberto)	1/24/2012	N/A	5	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	1/24/2012	12390
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	002 (Alito)	1/25/2012	N/A	6	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	1/25/2012	12267
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	001 (Jose)	1/25/2012	N/A	7	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	1/25/2012	13478
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	002 (Alito)	1/25/2012	N/A	8	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	1/25/2012	12264
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	001 (Jose)	1/25/2012	N/A	9	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	1/25/2012	13476
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	001 (Jose)	1/26/2012	N/A	10	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	1/26/2012	13448
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	379 (Roberto)	1/26/2012	N/A	11	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	1/26/2012	12399
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	Noel	1/27/2012	N/A	12	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	1/27/2012	13872
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	379 (Roberto)	1/27/2012	N/A	13	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	1/27/2012	13501
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	001 (Jose)	1/27/2012	N/A	14	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	1/27/2012	13486
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	001 (Jose)	1/31/2012	N/A	15	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	1/31/2012	13493
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	Noel	1/31/2012	N/A	16	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	1/31/2012	13873
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	379 (Roberto)	1/31/2012	N/A	17	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	1/31/2012	13510
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	Castro	1/31/2012	N/A	18	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	1/31/2012	12112
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	001 (Jose)	1/31/2012	N/A	19	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	1/31/2012	13495
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	001 (Jose)	2/1/2012	N/A	19	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	2/1/2012	13498
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	Noel	2/1/2012	N/A	20	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	2/1/2012	13877
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	379 (Roberto)	2/1/2012	N/A	21	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	2/1/2012	13515
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	Castro	2/1/2012	N/A	22	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	2/1/2012	12117
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	Castro	2/1/2012	N/A	23	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	2/1/2012	12121
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	Noel	2/1/2012	N/A	24	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	2/1/2012	13887
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	1/23/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	001 (Jose)	2/1/2012	N/A	25	Discount Rock & Sand	N/A	Debris	Asphalt & Concrete Debris	NA	2/1/2012	12072
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	Naval Air Station Key West, Key West, Florida	Dump Truck	End Dump	2/8/2012	N/A	Discount Rock & Sand	Discount Rock & Sand	001 (Jose)	2/1/2012	N/A	26	Discount Rock & Sand	N/A	Debris	Construction Debris	NA	2/8/2012	13981

Disposal Treatment Method (Enter disposal quantity under appropriate method)							Certificate of Disposal/ Destruction Date	Comments/Notes	File Status (see note)
Incineration	Landfill	Recycle	Onsite	Offsite Water Treatment	Other	Unit			
		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
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		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
		20.00				Tons		Asphalt & Concrete Debris	
	1.00					CY		Construction Debris	

TASK ORDER #JM22
Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida
50/50 MIX SOIL RECEIVING LOG

TO No.	Project No	Project Name	Site Description	Container Type	Container Design	Contractor	Transporter	Ticket Number	Truck Number	Date Transported	Product	Load ID	Cubic Yards	Tonnage
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12377	0379	20-Jan-2012	Certified Clean 50/50 Mix Fill	1	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12378	379	20-Jan-2012	Certified Clean 50/50 Mix Fill	2	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13467	379	21-Jan-2012	Certified Clean 50/50 Mix Fill	3	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12379	379	21-Jan-2012	Certified Clean 50/50 Mix Fill	4	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12380	379	21-Jan-2012	Certified Clean 50/50 Mix Fill	5	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12381	379	23-Jan-2012	Certified Clean 50/50 Mix Fill	6	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12382	379	23-Jan-2012	Certified Clean 50/50 Mix Fill	7	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12258	379	24-Jan-2012	Certified Clean 50/50 Mix Fill	8	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12260	002	24-Jan-2012	Certified Clean 50/50 Mix Fill	9	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12387	001	24-Jan-2012	Certified Clean 50/50 Mix Fill	10	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12471	379	24-Jan-2012	Certified Clean 50/50 Mix Fill	11	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12385	001	24-Jan-2012	Certified Clean 50/50 Mix Fill	12	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12473	001	24-Jan-2012	Certified Clean 50/50 Mix Fill	13	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12261	002	24-Jan-2012	Certified Clean 50/50 Mix Fill	14	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12389	379	24-Jan-2012	Certified Clean 50/50 Mix Fill	15	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12263	002	25-Jan-2012	Certified Clean 50/50 Mix Fill	16	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12391	379	25-Jan-2012	Certified Clean 50/50 Mix Fill	17	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13475	001	25-Jan-2012	Certified Clean 50/50 Mix Fill	18	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13477	001	25-Jan-2012	Certified Clean 50/50 Mix Fill	19	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12266	002	25-Jan-2012	Certified Clean 50/50 Mix Fill	20	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12393	379	25-Jan-2012	Certified Clean 50/50 Mix Fill	21	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13479	001	25-Jan-2012	Certified Clean 50/50 Mix Fill	22	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12394	379	25-Jan-2012	Certified Clean 50/50 Mix Fill	23	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12396	379	26-Jan-2012	Certified Clean 50/50 Mix Fill	24	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12271	003	26-Jan-2012	Certified Clean 50/50 Mix Fill	25	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13481	001	26-Jan-2012	Certified Clean 50/50 Mix Fill	26	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12653	059	26-Jan-2012	Certified Clean 50/50 Mix Fill	27	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12752	916	26-Jan-2012	Certified Clean 50/50 Mix Fill	28	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12753	910	26-Jan-2012	Certified Clean 50/50 Mix Fill	29	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12655	059	26-Jan-2012	Certified Clean 50/50 Mix Fill	30	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12754	4250	26-Jan-2012	Certified Clean 50/50 Mix Fill	31	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13482	001	26-Jan-2012	Certified Clean 50/50 Mix Fill	32	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12654	059	26-Jan-2012	Certified Clean 50/50 Mix Fill	33	18	20.00

TASK ORDER #JM22
Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida
50/50 MIX SOIL RECEIVING LOG

TO No.	Project No	Project Name	Site Description	Container Type	Container Design	Contractor	Transporter	Ticket Number	Truck Number	Date Transported	Product	Load ID	Cubic Yards	Tonnage
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13483	001	26-Jan-2012	Certified Clean 50/50 Mix Fill	34	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12755	4250	26-Jan-2012	Certified Clean 50/50 Mix Fill	35	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12756	910	26-Jan-2012	Certified Clean 50/50 Mix Fill	36	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12758	916	26-Jan-2012	Certified Clean 50/50 Mix Fill	37	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13492	001 (Jose)	31-Jan-2012	Certified Clean 50/50 Mix Fill	38	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12111	Castro	31-Jan-2012	Certified Clean 50/50 Mix Fill	39	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13884	Noel	31-Jan-2012	Certified Clean 50/50 Mix Fill	40	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13509	*379 (Roberto)*	31-Jan-2012	Certified Clean 50/50 Mix Fill	41	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13492	001 (Jose)	31-Jan-2012	Certified Clean 50/50 Mix Fill	42	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12658	59 (Hector)	31-Jan-2012	Certified Clean 50/50 Mix Fill	43	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13512	*379 (Roberto)*	31-Jan-2012	Certified Clean 50/50 Mix Fill	44	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13874	Noel	31-Jan-2012	Certified Clean 50/50 Mix Fill	45	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13494	001 (Jose)	31-Jan-2012	Certified Clean 50/50 Mix Fill	46	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12115	Castro	31-Jan-2012	Certified Clean 50/50 Mix Fill	47	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13496	001 (Jose)	31-Jan-2012	Certified Clean 50/50 Mix Fill	48	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13513	379 (Roberto)	31-Jan-2012	Certified Clean 50/50 Mix Fill	49	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13497	001 (Jose)	1-Feb-2012	Certified Clean 50/50 Mix Fill	50	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13876	Noel	1-Feb-2012	Certified Clean 50/50 Mix Fill	52	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13514	*379 (Roberto)*	1-Feb-2012	Certified Clean 50/50 Mix Fill	53	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12116	Castro	1-Feb-2012	Certified Clean 50/50 Mix Fill	54	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12218	2050	1-Feb-2012	Certified Clean 50/50 Mix Fill	55	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12659	59 (Hector)	1-Feb-2012	Certified Clean 50/50 Mix Fill	56	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13500	001 (Jose)	1-Feb-2012	Certified Clean 50/50 Mix Fill	57	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12120	Castro	1-Feb-2012	Certified Clean 50/50 Mix Fill	58	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13886	Noel	1-Feb-2012	Certified Clean 50/50 Mix Fill	59	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13517	*379 (Roberto)*	1-Feb-2012	Certified Clean 50/50 Mix Fill	60	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12660	59 (Hector)	1-Feb-2012	Certified Clean 50/50 Mix Fill	61	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12122	Castro	1-Feb-2012	Certified Clean 50/50 Mix Fill	62	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13520	379 (Roberto)	2-Feb-2012	Certified Clean 50/50 Mix Fill	63	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12073	001 (Jose)	2-Feb-2012	Certified Clean 50/50 Mix Fill	64	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13888	Noel	2-Feb-2012	Certified Clean 50/50 Mix Fill	65	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12479	333	2-Feb-2012	Certified Clean 50/50 Mix Fill	66	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12478	211	2-Feb-2012	Certified Clean 50/50 Mix Fill	67	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12074	001 (Jose)	2-Feb-2012	Certified Clean 50/50 Mix Fill	68	18	20.00

TASK ORDER #JM22
Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida
50/50 MIX SOIL RECEIVING LOG

TO No.	Project No	Project Name	Site Description	Container Type	Container Design	Contractor	Transporter	Ticket Number	Truck Number	Date Transported	Product	Load ID	Cubic Yards	Tonnage
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13521	379 (Roberto)	2-Feb-2012	Certified Clean 50/50 Mix Fill	69	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13889	Noel	2-Feb-2012	Certified Clean 50/50 Mix Fill	70	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12663	2093	2-Feb-2012	Certified Clean 50/50 Mix Fill	71	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13553	2050	2-Feb-2012	Certified Clean 50/50 Mix Fill	72	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13890	Noel	3-Feb-2012	Certified Clean 50/50 Mix Fill	73	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12077	001 (Jose)	3-Feb-2012	Certified Clean 50/50 Mix Fill	74	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13703	927	3-Feb-2012	Certified Clean 50/50 Mix Fill	75	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13704	2093	3-Feb-2012	Certified Clean 50/50 Mix Fill	76	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12079	001 (Jose)	4-Feb-2012	Certified Clean 50/50 Mix Fill	77	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12080	001 (Jose)	4-Feb-2012	Certified Clean 50/50 Mix Fill	78	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12129	Castro	4-Feb-2012	Certified Clean 50/50 Mix Fill	79	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13527	379 (Roberto)	4-Feb-2012	Certified Clean 50/50 Mix Fill	80	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12130	Castro	4-Feb-2012	Certified Clean 50/50 Mix Fill	81	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13528	379 (Roberto)	4-Feb-2012	Certified Clean 50/50 Mix Fill	82	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12087	Castro	6-Feb-2012	Certified Clean 50/50 Mix Fill	83	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13973	Noel	6-Feb-2012	Certified Clean 50/50 Mix Fill	84	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12084	001 (Jose)	6-Feb-2012	Certified Clean 50/50 Mix Fill	85	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13705	2093	6-Feb-2012	Certified Clean 50/50 Mix Fill	86	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13715	2093	6-Feb-2012	Certified Clean 50/50 Mix Fill	87	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13711	2093	6-Feb-2012	Certified Clean 50/50 Mix Fill	88	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13712	927	6-Feb-2012	Certified Clean 50/50 Mix Fill	89	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13706	927	6-Feb-2012	Certified Clean 50/50 Mix Fill	90	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13713	927	6-Feb-2012	Certified Clean 50/50 Mix Fill	91	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12279	333	6-Feb-2012	Certified Clean 50/50 Mix Fill	92	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12280	211	6-Feb-2012	Certified Clean 50/50 Mix Fill	93	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13972	Noel	6-Feb-2012	Certified Clean 50/50 Mix Fill	94	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13972-2	Noel	6-Feb-2012	Certified Clean 50/50 Mix Fill	94	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13530	379 (Roberto)	6-Feb-2012	Certified Clean 50/50 Mix Fill	95	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13530-2	379 (Roberto)	6-Feb-2012	Certified Clean 50/50 Mix Fill	95	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13709	333	6-Feb-2012	Certified Clean 50/50 Mix Fill	96	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13710	211	6-Feb-2012	Certified Clean 50/50 Mix Fill	97	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12081	001 (Jose)	6-Feb-2012	Certified Clean 50/50 Mix Fill	98	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12082	001 (Jose)	6-Feb-2012	Certified Clean 50/50 Mix Fill	99	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13531	379 (Roberto)	6-Feb-2012	Certified Clean 50/50 Mix Fill	100	18	20.00

TASK ORDER #JM22
Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida
50/50 MIX SOIL RECEIVING LOG

TO No.	Project No	Project Name	Site Description	Container Type	Container Design	Contractor	Transporter	Ticket Number	Truck Number	Date Transported	Product	Load ID	Cubic Yards	Tonnage
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12088	001 (Jose)	7-Feb-2012	Certified Clean 50/50 Mix Fill	101	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13535	379 (Roberto)	7-Feb-2012	Certified Clean 50/50 Mix Fill	102	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13331	927	7-Feb-2012	Certified Clean 50/50 Mix Fill	103	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13330	2093	7-Feb-2012	Certified Clean 50/50 Mix Fill	104	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13974	Noel	7-Feb-2012	Certified Clean 50/50 Mix Fill	105	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12085	001 (Jose)	7-Feb-2012	Certified Clean 50/50 Mix Fill	106	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13532	379 (Roberto)	7-Feb-2012	Certified Clean 50/50 Mix Fill	107	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13533	379 (Roberto)	7-Feb-2012	Certified Clean 50/50 Mix Fill	108	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13714	2093	7-Feb-2012	Certified Clean 50/50 Mix Fill	109	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13329	927	7-Feb-2012	Certified Clean 50/50 Mix Fill	110	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12086	001 (Jose)	7-Feb-2012	Certified Clean 50/50 Mix Fill	111	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13976	Noel	7-Feb-2012	Certified Clean 50/50 Mix Fill	112	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12089	001 (Jose)	8-Feb-2012	Certified Clean 50/50 Mix Fill	113	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13977	Noel	8-Feb-2012	Certified Clean 50/50 Mix Fill	114	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12136	Castro	8-Feb-2012	Certified Clean 50/50 Mix Fill	115	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12090	001 (Jose)	8-Feb-2012	Certified Clean 50/50 Mix Fill	116	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13332	927	8-Feb-2012	Certified Clean 50/50 Mix Fill	117	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13333	2093	8-Feb-2012	Certified Clean 50/50 Mix Fill	118	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12094	001 (Jose)	8-Feb-2012	Certified Clean 50/50 Mix Fill	119	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13980	Noel	8-Feb-2012	Certified Clean 50/50 Mix Fill	120	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	12093	001 (Jose)	8-Feb-2012	Certified Clean 50/50 Mix Fill	121	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Discount Rock & Sand	13536	379 (Roberto)	8-Feb-2012	Certified Clean 50/50 Mix Fill	122	18	20.00
										JM22 Totals:				2460.00
										JM22 Total Loads / Cubic Yards / Tonnage to Date:			**2214**	**2460.00**

TASK ORDER #JM22
Soil Removal Actions at the Truman Waterfront City-Owned Portion of Parcel K, Naval Air Station Key West, Key West, Florida
CRUSHED LIMESTONE RECEIVING LOG

TO No.	Project No	Project Name	Site Description	Container Type	Container Design	Contractor	Transporter	Ticket Number	Truck Number	Date Transported	Product	Load ID	Cubic Yards	Tonnage
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Sorrel Development	26188	4990	25-Jan-2012	Certified Clean DOT Crushed Limerock (Road Base)	1	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Sorrel Development	85966	7012	25-Jan-2012	Certified Clean DOT Crushed Limerock (Road Base)	2	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Sorrel Development	85554	8392	25-Jan-2012	Certified Clean DOT Crushed Limerock (Road Base)	3	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Sorrel Development	94402	1233	25-Jan-2012	Certified Clean DOT Crushed Limerock (Road Base)	4	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Sorrel Development	80252	259	25-Jan-2012	Certified Clean DOT Crushed Limerock (Road Base)	5	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Sorrel Development	80251	910	25-Jan-2012	Certified Clean DOT Crushed Limerock (Road Base)	6	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Sorrel Development	199316	4250	25-Jan-2012	Certified Clean DOT Crushed Limerock (Road Base)	7	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Discount Rock & Sand	Sorrel Development	109901	927	25-Jan-2012	Certified Clean DOT Crushed Limerock (Road Base)	8	18	20.00
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Metro Trucking	Charley Toppino & Sons	38174 / 99321	48	26-Jan-2012	Certified Clean DOT Crushed Limerock (Road Base)	9	18	20.57
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Metro Trucking	Charley Toppino & Sons	38175 / 99322	48	26-Jan-2012	Certified Clean DOT Crushed Limerock (Road Base)	10	18	20.97
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Metro Trucking	Charley Toppino & Sons	38177 / 99323	48	26-Jan-2012	Certified Clean DOT Crushed Limerock (Road Base)	11	18	21.83
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Metro Trucking	Charley Toppino & Sons	38178 / 99326	47	26-Jan-2012	Certified Clean DOT Crushed Limerock (Road Base)	12	18	21.83
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Metro Trucking	Charley Toppino & Sons	38180 / 99324	48	26-Jan-2012	Certified Clean DOT Crushed Limerock (Road Base)	13	18	21.78
JM22	1982 / 395475	Soil Removal Actions at the Truman Waterfront Parcel K	NAS Key West, Key West, Florida	DT	End Dump	Metro Trucking	Charley Toppino & Sons	38181 / 99327	47	26-Jan-2012	Certified Clean DOT Crushed Limerock (Road Base)	14	18	19.38
											JM22 Totals:		252	286.36
											JM22 Total Loads / Cubic Yards / Tonnage to Date:		**252**	**286.36**

1/24/2012

Tropic Oil Company

Ultra Low Sulfur Diesel Dyed

519 Gallons

NA1993, #2 Diesel Fuel, Combustible Liquid, PGIII

2/3/2012

Tropic Oil Company

Ultra Low Sulfur Diesel Dyed

240 Gallons

NA1993, #2 Diesel Fuel, Combustible Liquid, PGIII

Hazardous Manifests

WM
Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

Manifest Document Number:

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON, SC 29405

Site Information

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST, FL 33040

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
US NAVY

as described on Hazardous Waste Manifest Number 001226883FLE-1
Waste Management, Inc. hereby certifies that the above described material (exluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (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.

Dorothy Oliver, Recordkeeping and Reporting Supervisor
February 21, 2012

OSD	Unique ID	Cont #	Profile	Disposed	Description
2/6/12	001226883FLE-01	1	AL185075	2/10/12	TSCA REGULATED SOIL

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: 40 CFR PART 761
2. Page 1 of: 1
3. Emergency Response Phone: 800-424-9300
4. Manifest Tracking Number: 001226883 FLE

5. Generator's Name and Mailing Address:
US Navy - Parcel K
4130 Faber Place Drive #202
N. Charleston, SC 29405 843-743-2124
Generator's Phone:

Generator's Site Address (if different than mailing address):
West of 33 E Quay Rd, near the Port Ops gate
Key Wset West, FL 33040

6. Transporter 1 Company Name: SWS Environmental
U.S. EPA ID Number: FLD099077257

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
Chemical Waste Management
36964 Hwy. 17 North
Emelle, AL 35459 205-652-9721
Facility's Phone:
U.S. EPA ID Number: ALD000622464

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, solid, 9, PGII	1	CM ~~DT~~	11240 ~~32,363~~	K	
	2.			4 02/17/12		
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. AL 185075 ERG#171 OUT OF SERVICE DATE: February 6, 2012
ERI Provider: CHEMTREC (CONTRACT 4555) 800-424-9300 Truck # 6016 Container # 88164

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: Vincent Sucharelli
Signature: [signature]
Month 02 Day 07 Year 12

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of [illegible]
Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Alex Castillo
Signature: [signature]
Month 02 Day 07 Year 12
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
corrected wt per Amy Twitty 4 02/17/12
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: Stephen West
Signature: [signature]
Month 02 Day 10 Year 12

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON,SC 29405

Site Infomation

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST,FL 33040

ACKNOWLEDGEMENT OF RECEIPT OF WASTE SHIPMENT

Generator Name: US NAVY
Enclosed is/are your Generator Number Two copy / copies for Alabama Manifest Numbers:

001226883FLE

This copy is to acknowledge that Chemical Waste Management, Inc., of Emelle, Alabama has received your shipment. As a requirement of 40 CFR 264.12 (b), this letter serves to inform you that this facility has the proper permits and will accept your shipment upon completion of waste analysis procedures specified in the facility's Waste Analysis Plan and as determined in the approval waste profile submitted for this/these wastes.

As of September 26, 1997, Chemical Waste Management, Inc., Emelle Alabama (ALD000622464) is operating under a AHWMMA Permit, issued by the Alabama Department of Environmental Management. (RCRA)

Dorothy Oliver /am
Recordkeeping and Reporting Supervisor

February 21, 2012

WM

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

Manifest Document Number:

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON, SC 29504

Site Information

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST, FL 33040-

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
US NAVY

as described on Hazardous Waste Manifest Number 001226884FLE-1
Waste Management, Inc. hereby certifies that the above described material (exluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (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.

Dorothy Oliver/sm
Dorothy Oliver, Recordkeeping and Reporting Supervisor
February 09, 2012

OSD	Unique ID	Cont #	Profile	Disposed	Description
2/6/12	001226884FLE-01	1	AL185075	2/8/12	TSCA REGULATED SOIL

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: 40 CFR PART 761
2. Page 1 of: 1
3. Emergency Response Phone: 800-424-9300
4. Manifest Tracking Number: 001226884 FLE

5. Generator's Name and Mailing Address:
US Navy - Parcel K
4130 Faber Place Drive #202
N. Charleston, SC 29504 843-743-2124
Generator's Phone:

Generator's Site Address (if different than mailing address):
West of 33 E Quay Rd, near Port Ops gate
Key West, FL 33040

6. Transporter 1 Company Name: Robbie D Wood, Inc
U.S. EPA ID Number: ALD067138891

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
Chemical Waste Management
36964 Hwy. 17 North
E. Emelle, AL 35459 205-652-9721
Facility's Phone:
U.S. EPA ID Number: ALD000622464

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, solid, 9, PGII	1	DT	22,353	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. AL 185075 ERG #171 OUT OF SERVICE DATE: February 6, 2012
ERI Provider: CHEMTREC (CONTRACT 4555) Truck # 5283 Trailer # 1141

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: Vincent Sucanell
Signature: [signature]
Month 02 Day 07 Year 12

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: Steve Bingham
Signature: Steve Bingham
Month 02 Day 07 Year 12
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: Stephen West
Signature: Steph West
Month 02 Day 08 Year 12

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON,SC 29504

Site Infomation

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST,FL 33040-

ACKNOWLEDGEMENT OF RECEIPT OF WASTE SHIPMENT

Generator Name: US NAVY
Enclosed is/are your Generator Number Two copy / copies for Alabama Manifest Numbers:

001226884FLE

This copy is to acknowledge that Chemical Waste Management, Inc., of Emelle, Alabama has received your shipment. As a requirement of 40 CFR 264.12 (b), this letter serves to inform you that this facility has the proper permits and will accept your shipment upon completion of waste analysis procedures specified in the facility's Waste Analysis Plan and as determined in the approval waste profile submitted for this/these wastes.

As of September 26, 1997, Chemical Waste Management, Inc., Emelle Alabama (ALD000622464) is operating under a AHWMMA Permit, issued by the Alabama Department of Environmental Management. (RCRA)

Dorothy Oliver /cm
Recordkeeping and Reporting Supervisor

February 09, 2012

WM
Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

Manifest Document Number:

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON, SC 29405

Site Information

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST, FL 33040-

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
US NAVY

as described on Hazardous Waste Manifest Number 001226885FLE-1
Waste Management, Inc. hereby certifies that the above described material (exluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (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.

Dorothy Oliver, Recordkeeping and Reporting Supervisor
February 14, 2012

OSD	Unique ID	Cont #	Profile	Disposed	Description
2/6/12	001226885FLE-01	1	AL185075	2/9/12	TSCA REGULATED SOIL

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
	~~40~~ 40 CFR ~~262~~ PART 761	1	800-424-9300	001226885 FLE

GENERATOR

5. Generator's Name and Mailing Address
US Navy - Parcel K
4130 Faber Place Drive #202
N. Charleston, SC 29405
Generator's Phone: 843-743-2124

Generator's Site Address (if different than mailing address)
West of 33 E Quay Rd, near Port Ops gate
Key West, FL 33040

6. Transporter 1 Company Name: Robbie D Wood, ~~Inc~~ Inc — U.S. EPA ID Number: ALD067138891

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Chemical Waste Management
36964 Hwy. 17 North
Emelle, AL 35459
Facility's Phone: 205-652-9721 — U.S. EPA ID Number: ALD000622464

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, solid, 9, PGII	1	DT	19840 ~~28,999~~	K	
	2.			02/13/12		
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. AL 185075 ERG #171 OUT OF SERVICE DATE: February 6, 2012

ERI Provider: CHEMTREC (CONTRACT 4555) Truck # 5295 Trailer # 1145

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: Vincent Sucameli — Signature: [signature] — Month 02 Day 07 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: D. W. Roberts — Signature: [signature] — Month 02 Day 07 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
corrected wt per Amy Twitty 02/13/12 — 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: Stephen West — Signature: [signature] — Month 02 Day 09 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON,SC 29405

Site Infomation

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST,FL 33040-

ACKNOWLEDGEMENT OF RECEIPT OF WASTE SHIPMENT

Generator Name: US NAVY
Enclosed is/are your Generator Number Two copy / copies for Alabama Manifest Numbers:

001226885FLE

This copy is to acknowledge that Chemical Waste Management, Inc., of Emelle, Alabama has received your shipment. As a requirement of 40 CFR 264.12 (b), this letter serves to inform you that this facility has the proper permits and will accept your shipment upon completion of waste analysis procedures specified in the facility's Waste Analysis Plan and as determined in the approval waste profile submitted for this/these wastes.

As of September 26, 1997, Chemical Waste Management, Inc., Emelle Alabama (ALD000622464) is operating under a AHWMMA Permit, issued by the Alabama Department of Environmental Management. (RCRA)

Dorothy Oliver
Recordkeeping and Reporting Supervisor

February 14, 2012

WM

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

Manifest Document Number:

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON, SC 29405

Site Information

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST, FL 33040-

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
US NAVY

as described on Hazardous Waste Manifest Number 001226886FLE-1
Waste Management, Inc. hereby certifies that the above described material (exluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (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.

Dorothy Oliver, Recordkeeping and Reporting Supervisor
February 14, 2012

OSD	Unique ID	Cont #	Profile	Disposed	Description
2/6/12	001226886FLE-01	1	AL185075	2/9/12	TSCA REGULATED SOIL

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
	40 CFR PART 761	1	800-424-9300	001226886 FLE

5. Generator's Name and Mailing Address
US Navy - Parcel K
4130 Faber Place Drive #202
N. Charleston, SC 29405 843-743-2124
Generator's Phone:

Generator's Site Address (if different than mailing address)
West of 33 E Gray RD near Port Ops gate
Key West, FL 33040

6. Transporter 1 Company Name: Robbie D Wood, Inc — U.S. EPA ID Number: ALD067138891

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Chemical Waste Management
36964 Hwy. 17 North
Emelle, AL 35459 205-652-9721
Facility's Phone:
U.S. EPA ID Number: ALD000622464

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, solid, 9, PGII	1	DT	19087 ~~[illegible]~~	K	
	2.			LA 02/13/12		
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. AL 185075 ERG #171 OUT OF SERVICE DATE: February 6, 2012
ERI Provider: CHEMTREC (~~CONTRACT~~ US CONTRACT 4555) Truck # 257 Trailer # 1130

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: Vincent Suchmeel — Signature: [signature] — Month 02 Day 07 Year 12

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: John Evans — Signature: [signature] — Month 02 Day 07 Year 12
Transporter 2 Printed/Typed Name — Signature — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Corrected Wt per Amy Twitty LA 02/13/12
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: Stephen West — Signature: [signature] — Month 02 Day 09 Year 12

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON,SC 29405

Site Infomation

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST,FL 33040-

ACKNOWLEDGEMENT OF RECEIPT OF WASTE SHIPMENT

Generator Name: US NAVY
Enclosed is/are your Generator Number Two copy / copies for Alabama Manifest Numbers:

001226886FLE

This copy is to acknowledge that Chemical Waste Management, Inc., of Emelle, Alabama has received your shipment. As a requirement of 40 CFR 264.12 (b), this letter serves to inform you that this facility has the proper permits and will accept your shipment upon completion of waste analysis procedures specified in the facility's Waste Analysis Plan and as determined in the approval waste profile submitted for this/these wastes.

As of September 26, 1997, Chemical Waste Management, Inc., Emelle Alabama (ALD000622464) is operating under a AHWMMA Permit, issued by the Alabama Department of Environmental Management. (RCRA)

Dorothy Oliver
Recordkeeping and Reporting Supervisor

February 14, 2012

WM

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

Manifest Document Number:

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON, SC 29405

Site Information

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST, FL 33040-

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
US NAVY

as described on Hazardous Waste Manifest Number 001226887FLE-1
Waste Management, Inc. hereby certifies that the above described material (exluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (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.

Dorothy Oliver/ Recordkeeping and Reporting Supervisor
February 14, 2012

OSD	Unique ID	Cont #	Profile	Disposed	Description
2/6/12	001226887FLE-01	1	AL185075	2/9/12	TSCA REGULATED SOIL

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
40 CFR PART ~~261~~ 761	1	800-424-9300	001226887 FLE

GENERATOR

5. Generator's Name and Mailing Address
US Navy - Parcel K
4130 Faber Place Drive #202
N. Charleston, SC 29405
Generator's Phone: 843-743-2124

Generator's Site Address (if different than mailing address)
West of 33 Quay Rd, near the Port Ops gate
Key West, FL 33040

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
Chemical Waste Management
36964 Hwy. 17 North
Emelle, AL 35459
Facility's Phone: 205-652-9721
U.S. EPA ID Number: ALD000622464

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, solid, 9, PGII	1	DT ~~DF~~ (51)	22,353	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. AL 185075 ERG #171 OUT OF SERVICE DATE: February 6, 2012

ERI Provider: CHEMTREC (CONTRACT 4555) Truck# 1272 Trailer# 12724

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: Vincent Suarez Signature: [signature] Month: 02 Day: 07 Year: 12

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: Scott Frank Signature: [signature] Month: 02 Day: 09 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.
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: Stephen West Signature: [signature] Month: 02 Day: 09 Year: 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. **DESIGNATED FACILITY TO GENERATOR**

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON,SC 29405

Site Infomation

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST,FL 33040-

ACKNOWLEDGEMENT OF RECEIPT OF WASTE SHIPMENT

Generator Name: US NAVY
Enclosed is/are your Generator Number Two copy / copies for Alabama Manifest Numbers:

001226887FLE

This copy is to acknowledge that Chemical Waste Management, Inc., of Emelle, Alabama has received your shipment. As a requirement of 40 CFR 264.12 (b), this letter serves to inform you that this facility has the proper permits and will accept your shipment upon completion of waste analysis procedures specified in the facility's Waste Analysis Plan and as determined in the approval waste profile submitted for this/these wastes.

As of September 26, 1997, Chemical Waste Management, Inc., Emelle Alabama (ALD000622464) is operating under a AHWMMA Permit, issued by the Alabama Department of Environmental Management. (RCRA)

Dorothy Oliver
Recordkeeping and Reporting Supervisor

February 14, 2012

WM
Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

Manifest Document Number:

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON, SC 29405

Site Information

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST, FL 33040-

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
US NAVY

as described on Hazardous Waste Manifest Number 001226888FLE-1
Waste Management, Inc. hereby certifies that the above described material (exluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (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.

Dorothy Oliver, Recordkeeping and Reporting Supervisor
February 14, 2012

OSD	Unique ID	Cont #	Profile	Disposed	Description
2/6/12	001226888FLE-01	1	AL185075	2/9/12	TSCA REGULATED SOIL

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
40 CFR PART 761	1	800-424-9300	001226888 FLE

GENERATOR

5. Generator's Name and Mailing Address
US Navy - Parcel K
4130 Faber Place Place Drive #202
N. Charleston, SC 29405 843-743-2124
Generator's Phone:

Generator's Site Address (if different than mailing address)
West of 33 E Quay Rd, near Port Ops gate
Key West, FL 33040

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
Chemical Waste Management
36964 Hwy, 17 North
Emelle, AL 35459 205-652-9721
Facility's Phone: — U.S. EPA ID Number: ALD000622464

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, solid, 9, PGII	1	DT	22,353	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. AL 165075 ERG #171 OUT OF SERVICE DATE: February 6, 2012

ERI Provider: CHEMTREC (CONTRACT 4555) Truck # 303-6 Trailer # 303-5

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: Vincent Schiano — Signature — Month: 02 Day: 07 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: David Butler — Signature — Month: 02 Day: 07 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.
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: Stephen Wolt — Signature — Month: 02 Day: 09 Year: 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO GENERATOR

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON,SC 29405

Site Infomation

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST,FL 33040-

ACKNOWLEDGEMENT OF RECEIPT OF WASTE SHIPMENT

Generator Name: US NAVY
Enclosed is/are your Generator Number Two copy / copies for Alabama Manifest Numbers:

001226888FLE

This copy is to acknowledge that Chemical Waste Management, Inc., of Emelle, Alabama has received your shipment. As a requirement of 40 CFR 264.12 (b), this letter serves to inform you that this facility has the proper permits and will accept your shipment upon completion of waste analysis procedures specified in the facility's Waste Analysis Plan and as determined in the approval waste profile submitted for this/these wastes.

As of September 26, 1997, Chemical Waste Management, Inc., Emelle Alabama (ALD000622464) is operating under a AHWMMA Permit, issued by the Alabama Department of Environmental Management. (RCRA)

Dorothy Oliver
Recordkeeping and Reporting Supervisor

February 14, 2012

WM
Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

Manifest Document Number:

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON, SC 29405

Site Information

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST, FL 33040-

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
US NAVY

as described on Hazardous Waste Manifest Number 001226889FLE-1
Waste Management, Inc. hereby certifies that the above described material (exluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (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.

Dorothy Oliver, Recordkeeping and Reporting Supervisor
February 14, 2012

OSD	Unique ID	Cont #	Profile	Disposed	Description
2/6/12	001226889FLE-01	1	AL185075	2/9/12	TSCA REGULATED SOIL

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: 40 CFR PART 761
2. Page 1 of: 1
3. Emergency Response Phone: 800 424-9300
4. Manifest Tracking Number: 001226889 FLE

GENERATOR

5. Generator's Name and Mailing Address:
US Navy - Parcel K
4130 Faber Place Drive #202
N. Charleston, SC 29405
Generator's Phone: 843-743-2124

Generator's Site Address (if different than mailing address):
West of 33 E Quay Rd, near Port Ops gate
Key West, FL 33040

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:
Chemical Waste Management
36964 Hwy. 17 North
Emelle, AL 35459
Facility's Phone: 205-652-9721
U.S. EPA ID Number: ALD000622464

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, solid, 9, PGII	1	DT	22,353	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information:
1. AL 185075 ERC #171 OUT OF SERVICE DATE: February 6, 2012

ERI Provider: CHEMTREC (AS) CONTRCT 4555 TRUCK # 367 TRAILER # 367

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: Vincent Sucansky
Signature:
Month: 02 Day: 07 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: Thomas A Epperson
Signature:
Month: 02 Day: 07 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. 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: Stephen West
Signature:
Month: 02 Day: 09 Year: 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON,SC 29405

Site Infomation

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST,FL 33040-

ACKNOWLEDGEMENT OF RECEIPT OF WASTE SHIPMENT

Generator Name: US NAVY
Enclosed is/are your Generator Number Two copy / copies for Alabama Manifest Numbers:

001226889FLE

This copy is to acknowledge that Chemical Waste Management, Inc., of Emelle, Alabama has received your shipment. As a requirement of 40 CFR 264.12 (b), this letter serves to inform you that this facility has the proper permits and will accept your shipment upon completion of waste analysis procedures specified in the facility's Waste Analysis Plan and as determined in the approval waste profile submitted for this/these wastes.

As of September 26, 1997, Chemical Waste Management, Inc., Emelle Alabama (ALD000622464) is operating under a AHWMMA Permit, issued by the Alabama Department of Environmental Management. (RCRA)

Dorothy Oliver
Recordkeeping and Reporting Supervisor

February 14, 2012

WM

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

Manifest Document Number:

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON, SC 29405

Site Information

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST, FL 33040-

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
US NAVY

as described on Hazardous Waste Manifest Number 001226890FLE-1
Waste Management, Inc. hereby certifies that the above described material (exluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (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.

Dorothy Oliver, Recordkeeping and Reporting Supervisor
February 14, 2012

OSD	Unique ID	Cont #	Profile	Disposed	Description
2/6/12	001226890FLE-01	1	AL185075	2/9/12	TSCA REGULATED SOIL

TRK# 182

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: 40 CFR PART 761
2. Page 1 of: 1
3. Emergency Response Phone: 800-424-9300
4. Manifest Tracking Number: 001226890 FLE

5. Generator's Name and Mailing Address:
US Navy - Parcel K
4130 Faber Place Drive #202
N. Charleston, SC 29405
Generator's Phone: 843-743-2124

Generator's Site Address (if different than mailing address):
West of 33 E Quay Rd, near the Port Ops gate
Key West, FL 33040

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:
Chemical Waste Management
36964 Hwy 17 North
Emelle, AL 35459
Facility's Phone: 205-652-9721
U.S. EPA ID Number: ALD000622464

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, solid, 9, PGII	1	DT	~~22,353~~ 16974	K	
	2.			LA 02/13/12		
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. AL 185075 ERG#171 OUT OF SERVICE DATE: February 6, 2012

ERI Provider: CHEMTREC (CONTRACT 4555) Truck # 182 Trailer # RM04

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: Vincent Sucowiel
Signature: [signature]
Month 02 Day 07 Year 12

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: Michael M. Gill
Signature: Michael M. Gill
Month 02 Day 07 Year 12
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Corrected wt per Amy Twitty LA 02/13/12
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: Stephen West
Signature: Stephen West
Month 02 Day 09 Year 12

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON,SC 29405

Site Infomation

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST,FL 33040-

ACKNOWLEDGEMENT OF RECEIPT OF WASTE SHIPMENT

Generator Name: US NAVY
Enclosed is/are your Generator Number Two copy / copies for Alabama Manifest Numbers:

001226890FLE

This copy is to acknowledge that Chemical Waste Management, Inc., of Emelle, Alabama has received your shipment. As a requirement of 40 CFR 264.12 (b), this letter serves to inform you that this facility has the proper permits and will accept your shipment upon completion of waste analysis procedures specified in the facility's Waste Analysis Plan and as determined in the approval waste profile submitted for this/these wastes.

As of September 26, 1997, Chemical Waste Management, Inc., Emelle Alabama (ALD000622464) is operating under a AHWMMA Permit, issued by the Alabama Department of Environmental Management. (RCRA)

Dorothy Oliver
Recordkeeping and Reporting Supervisor

February 14, 2012

WM
Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

Manifest Document Number:

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON, SC 29405

Site Information

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST, FL 33040-

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
US NAVY

as described on Hazardous Waste Manifest Number 001226891FLE-1
Waste Management, Inc. hereby certifies that the above described material (exluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (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.

Dorothy Oliver, Recordkeeping and Reporting Supervisor
February 14, 2012

OSD	Unique ID	Cont #	Profile	Disposed	Description
2/6/12	001226891FLE-01	1	AL185075	2/9/12	TSCA REGULATED SOIL

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
40 CFR PART 761	1	800-424-9300	001226891 FLE

GENERATOR

5. Generator's Name and Mailing Address
US Navy - Parcel K
4130 Faber Place Drive #202
N. Charleston, SC 29405
Generator's Phone: 843-743-2124

Generator's Site Address (if different than mailing address)
West of 33 E Quay Rd, near Port Ops gate
Key West, Florida 33040

6. Transporter 1 Company Name: US Bulk Transport Inc.
U.S. EPA ID Number: ~~FLD987347515~~ PAD 987347515

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Chemical Waste Management
36964 Hwy. 17 North
Emelle, AL 35459
Facility's Phone: 205-652-9721
U.S. EPA ID Number: ALD000622464

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, solid, 9, PGII	1	DT	22,353	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. AL 185075 ERG#171 OUT OF SERVICE DATE: February 6, 2012
ERI Provider: CHEMTREC (CONTRACT 4555) Truck # 336 Trailer # 336A

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: Vincent Sucameli
Signature:
Month/Day/Year: 02/07/12

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: Les Kramer
Signature:
Month/Day/Year: 02/07/12

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.
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: Stephen West
Signature:
Month/Day/Year: 02/09/12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. **DESIGNATED FACILITY TO GENERATOR**

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON,SC 29405

Site Infomation

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST,FL 33040-

ACKNOWLEDGEMENT OF RECEIPT OF WASTE SHIPMENT

Generator Name: US NAVY
Enclosed is/are your Generator Number Two copy / copies for Alabama Manifest Numbers:

001226891FLE

This copy is to acknowledge that Chemical Waste Management, Inc., of Emelle, Alabama has received your shipment. As a requirement of 40 CFR 264.12 (b), this letter serves to inform you that this facility has the proper permits and will accept your shipment upon completion of waste analysis procedures specified in the facility's Waste Analysis Plan and as determined in the approval waste profile submitted for this/these wastes.

As of September 26, 1997, Chemical Waste Management, Inc., Emelle Alabama (ALD000622464) is operating under a AHWMMA Permit, issued by the Alabama Department of Environmental Management. (RCRA)

Dorothy Oliver
Recordkeeping and Reporting Supervisor

February 14, 2012

WM
Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

Manifest Document Number:

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON, SC 29405

Site Information

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST, FL 33040-

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
US NAVY

as described on Hazardous Waste Manifest Number 001226892FLE-1
Waste Management, Inc. hereby certifies that the above described material (exluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (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.

Dorothy Oliver /am
Dorothy Oliver, Recordkeeping and Reporting Supervisor
February 14, 2012

OSD	Unique ID	Cont #	Profile	Disposed	Description
2/6/12	001226892FLE-01	1	AL185075	2/13/12	TSCA REGULATED SOIL

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: 40 CFR PART 761
2. Page 1 of 1
3. Emergency Response Phone: 800-424-9300
4. Manifest Tracking Number: 001226892 FLE

5. Generator's Name and Mailing Address:
US Navy - Parcel K
4130 Faber Place Drive #202
N. Charleston, SC 29405
Generator's Phone: 843-743-2124

Generator's Site Address (if different than mailing address):
West of 33 E Quay Rd, near Port Ops gate
Key West, FL 33040

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:
Chemical Waste Management
36964 Hwy. 17 North
Emelle, AL 35459
Facility's Phone: 205-652-9721
U.S. EPA ID Number: ALD000622464

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, solid,9,PGII	1	DT	22,353	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. AL 185075 ERG#171 OUT OF SERVICE DATE: February 6, 2012
ERI Provider: CHEMTREC (CONTRACT 4555) Truck # 15125 Trailer # 15123A

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: Vincent Sucinell
Signature: [signature]
Month 02 Day 09 Year 12

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: Anthony S Pinckney
Signature: Anthony S Pinckney
Month 02 Day 09 Year 12
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: Stephen West
Signature: Stephen West
Month 02 Day 13 Year 12

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON,SC 29405

Site Infomation

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST,FL 33040-

ACKNOWLEDGEMENT OF RECEIPT OF WASTE SHIPMENT

Generator Name: US NAVY
Enclosed is/are your Generator Number Two copy / copies for Alabama Manifest Numbers:

001226892FLE

This copy is to acknowledge that Chemical Waste Management, Inc., of Emelle, Alabama has received your shipment. As a requirement of 40 CFR 264.12 (b), this letter serves to inform you that this facility has the proper permits and will accept your shipment upon completion of waste analysis procedures specified in the facility's Waste Analysis Plan and as determined in the approval waste profile submitted for this/these wastes.

As of September 26, 1997, Chemical Waste Management, Inc., Emelle Alabama (ALD000622464) is operating under a AHWMMA Permit, issued by the Alabama Department of Environmental Management. (RCRA)

Dorothy Oliver /am
Recordkeeping and Reporting Supervisor

February 14, 2012

WM
Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

Manifest Document Number:

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON, SC 29405

Site Information

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST, FL 33040-

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
US NAVY

as described on Hazardous Waste Manifest Number 001309892GBF-1
Waste Management, Inc. hereby certifies that the above described material (exluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (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.

Dorothy Oliver/cm
Dorothy Oliver, Recordkeeping and Reporting Supervisor
February 14, 2012

OSD	Unique ID	Cont #	Profile	Disposed	Description
2/6/12	001309892GBF-01	1	AL185075	2/13/12	TSCA REGULATED SOIL

TRL # 1119

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
40 CFR PART 761	1	800-424-9300	001309892 GBF

GENERATOR

5. Generator's Name and Mailing Address: US Navy – Parcel K, 4130 Faber Place Drive #202, N. Charleston, SC 29405
Generator's Site Address (if different than mailing address): West of 33 E Quay Rd, Near the Port Ops Gate, Key West, Florida 33040
Generator's Phone: 843-743-2124

6. Transporter 1 Company Name: (A) Robert D. Wood ROBBIE D. WOOD, INC.
U.S. EPA ID Number: (D) ALD067138891

7. Transporter 2 Company Name:
U.S. EPA ID Number: FLD007547515

8. Designated Facility Name and Site Address: Chemical Waste Management, 36964 Hwy. 17 North, Emelle, AL 35459
Facility's Phone: 205-652-9721
U.S. EPA ID Number: ALD000622464

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, solid, 9, PGII	001	DT	22,353	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1. AL 185075 ERG #171
OUT OF SERVICES DATE: FEBRUARY 6, 2012

ERI Provider: CHEMTRAC (CONTRACT 4555) Truck # 274 Trailer # 1119

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: Vincent Sucameli
Signature:
Month 02 Day 09 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: Richard Landrum
Signature: Richard Landrum
Month 02 Day 09 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.
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: Stephen West
Signature: Stephen West
Month 02 Day 13 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON,SC 29405

Site Infomation

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST,FL 33040-

ACKNOWLEDGEMENT OF RECEIPT OF WASTE SHIPMENT

Generator Name: US NAVY
Enclosed is/are your Generator Number Two copy / copies for Alabama Manifest Numbers:

001309892GBF

This copy is to acknowledge that Chemical Waste Management, Inc., of Emelle, Alabama has received your shipment. As a requirement of 40 CFR 264.12 (b), this letter serves to inform you that this facility has the proper permits and will accept your shipment upon completion of waste analysis procedures specified in the facility's Waste Analysis Plan and as determined in the approval waste profile submitted for this/these wastes.

As of September 26, 1997, Chemical Waste Management, Inc., Emelle Alabama (ALD000622464) is operating under a AHWMMA Permit, issued by the Alabama Department of Environmental Management. (RCRA)

Dorothy Oliver /cm
Recordkeeping and Reporting Supervisor

February 14, 2012

WM

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

Manifest Document Number:

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON, SC 29405

Site Information

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST, FL 33040

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
US NAVY

as described on Hazardous Waste Manifest Number 001309893GBF-1
Waste Management, Inc. hereby certifies that the above described material (exluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (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.

Dorothy Oliver /am

Dorothy Oliver, Recordkeeping and Reporting Supervisor
February 21, 2012

OSD	Unique ID	Cont #	Profile	Disposed	Description
2/6/12	001309893GBF-01	1	AL185075	2/13/12	TSCA REGULATED SOIL

TK205 D1102

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: 40 CFR PART 761
2. Page 1 of: 1
3. Emergency Response Phone: 800-424-9300
4. Manifest Tracking Number: 001309893 GBF

GENERATOR

5. Generator's Name and Mailing Address: US Navy – Parcel K, 4130 Faber Place Drive #202, N. Charleston, SC 29405, 843-743-2124
Generator's Site Address (if different than mailing address): West of 33 E Quay Rd, Near the Port Ops Gate, Key West, Florida 33040
Generator's Phone:

6. Transporter 1 Company Name: (E) ~~Robbie D. Wood~~ ROBBIE D. WOOD, INC.
U.S. EPA ID Number: ALD067139691 (D) PAD087347515

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name: ~~Chemical Waste Management~~ Chemical Waste Management, 36964 Hwy. 17 North, Emelle, AL 35459, 205-652-9721
U.S. EPA ID Number: ALD000622464
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		
	1. RQ, UN3432, Polychlorinated biphenyls, solid,9, PGII	001	DT	17101	K			
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information: ERG #171 OUT OF SERVICES DATE: FEBRUARY 6, 2012

ERI Provider: CHEMTRAC (CONTRACT 4555)

Truck # 220 Trailer # 1102

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: Vincent Suckwell
Signature:
Month: 02 Day: 09 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: Kent Newton
Signature:
Month: 02 Day: 09 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
Corrected Wt per Amy Twitty/LA 02/17/12
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: Stephen West
Signature:
Month: 02 Day: 13 Year: 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON,SC 29405

Site Infomation

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST,FL 33040

ACKNOWLEDGEMENT OF RECEIPT OF WASTE SHIPMENT

Generator Name: US NAVY
Enclosed is/are your Generator Number Two copy / copies for Alabama Manifest Numbers:

001309893GBF

This copy is to acknowledge that Chemical Waste Management, Inc., of Emelle, Alabama has received your shipment. As a requirement of 40 CFR 264.12 (b), this letter serves to inform you that this facility has the proper permits and will accept your shipment upon completion of waste analysis procedures specified in the facility's Waste Analysis Plan and as determined in the approval waste profile submitted for this/these wastes.

As of September 26, 1997, Chemical Waste Management, Inc., Emelle Alabama (ALD000622464) is operating under a AHWMMA Permit, issued by the Alabama Department of Environmental Management. (RCRA)

Dorothy Oliver/cm
Recordkeeping and Reporting Supervisor

February 21, 2012

WM
Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

Manifest Document Number:

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON, SC 29405

Site Information

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST, FL 33040

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
US NAVY

as described on Hazardous Waste Manifest Number 001309894GBF-1
Waste Management, Inc. hereby certifies that the above described material (exluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (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.

Dorothy Oliver/cm
Dorothy Oliver, Recordkeeping and Reporting Supervisor
February 21, 2012

OSD	Unique ID	Cont #	Profile	Disposed	Description
2/6/12		1	AL185075	2/13/12	TSCA REGULATED SOIL

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
	40 CFR PART 761	1	800-424-9300	001309894 GBF

GENERATOR

5. Generator's Name and Mailing Address: US Navy – Parcel K, 4130 Faber Place Drive #202, N. Charleston, SC 29405
Generator's Site Address (if different than mailing address): West of 33 E Quay Rd, Near the Port Ops Gate, Key West, Florida 33040
Generator's Phone: 843-743-2124

6. Transporter 1 Company Name: SWS ENVIRONMENTAL SERVICES — U.S. EPA ID Number: FLR000122796

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: Chemical Waste Management, 36964 Hwy. 17 North, Emelle, AL 35459 — U.S. EPA ID Number: ALD000622464
Facility's Phone: 205-652-9721

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, solid,9, PGII	001	CM	14660	K	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: 1. AL 185075 ERG #171
OUT OF SERVICES DATE: FEBRUARY 6, 2012

ERI Provider: CHEMTRAC (CONTRACT 4555) TRUCK # 6028 CONTAINER # 88166

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: VINCENT SOCHACKI — Signature: [signature] — Month 02 Day 10 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: Jesse McKinney — Signature: [signature] — Month 02 Day 10 Year 12

Transporter 2 Printed/Typed Name: KARL C. HUBER — Signature: [signature] — Month 02 Day 12 Year 12

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Corrected Wt per Amy Twitty 02/17/12 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: Stephen West — Signature: [signature] — Month 02 Day 13 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON,SC 29405

Site Infomation

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST,FL 33040

ACKNOWLEDGEMENT OF RECEIPT OF WASTE SHIPMENT

Generator Name: US NAVY
Enclosed is/are your Generator Number Two copy / copies for Alabama Manifest Numbers:

001309894GBF

This copy is to acknowledge that Chemical Waste Management, Inc., of Emelle, Alabama has received your shipment. As a requirement of 40 CFR 264.12 (b), this letter serves to inform you that this facility has the proper permits and will accept your shipment upon completion of waste analysis procedures specified in the facility's Waste Analysis Plan and as determined in the approval waste profile submitted for this/these wastes.

As of September 26, 1997, Chemical Waste Management, Inc., Emelle Alabama (ALD000622464) is operating under a AHWMMA Permit, issued by the Alabama Department of Environmental Management. (RCRA)

Dorothy Oliver /cm
Recordkeeping and Reporting Supervisor

February 21, 2012

WM
Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

Manifest Document Number:

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON, SC 29405

Site Information

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST, FL 33040

CERTIFICATE OF DISPOSAL

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from
US NAVY

as described on Hazardous Waste Manifest Number 001309895GBF-1
Waste Management, Inc. hereby certifies that the above described material (exluding PCB liquids, if applicable) was landfilled on the dates shown below, in compliance with State and Federal Regulations.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representation (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.

Dorothy Oliver, Recordkeeping and Reporting Supervisor
February 21, 2012

OSD	Unique ID	Cont #	Profile	Disposed	Description
2/6/12	001309895gbf-01	1	AL185075	2/15/12	TSCA REGULATED SOIL

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
40 CFR PART 761	1	800-424-9300	001309895 GBF

GENERATOR

5. Generator's Name and Mailing Address: US Navy – Parcel K, 4130 Faber Place Drive #202, N. Charleston, SC 29405
Generator's Site Address (if different than mailing address): West of 33 E Quay Rd, Near the Port Ops Gate, Key West, Florida 33040
Generator's Phone: 843-743-2124

6. Transporter 1 Company Name: ~~US Ecology~~ SWS ENVIRONMENTAL SERVICES — U.S. EPA ID Number: FLR 000122796

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: Chemical Waste Management, 36964 Hwy. 17 North, Emelle, AL 35459 — U.S. EPA ID Number: ALD000622464
Facility's Phone: 205-652-9721

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, solid,9, PGII	001	CM	10351 ~~22,353~~	K	
	2.			02/17/12		
	3.					
	4.					

14. Special Handling Instructions and Additional Information: 1. AL 105075 ERG #171 — DOT OF SERVICES DATE: FEBRUARY 6, 2012
ERI Provider: CHEMTRAC (CONTRACT 4555) TRUCK # 7008 CONTAINER # 83608

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: Vincent Sucharski — Signature — Month 02 Day 13 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: Stephen Austin — Signature — Month 02 Day 13 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
Corrected wt per Amy Twitty 02/17/12 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: Stephen West — Signature — Month 02 Day 15 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

US NAVY-PARCEL K
4130 FABER PLACE DRIVE #202

N. CHARLESTON,SC 29405

Site Infomation

US NAVY
W OF 33 E QUAY RD NEAR PORT OP GATE
KEY WEST,FL 33040

ACKNOWLEDGEMENT OF RECEIPT OF WASTE SHIPMENT

Generator Name: US NAVY
Enclosed is/are your Generator Number Two copy / copies for Alabama Manifest Numbers:

001309895GBF

This copy is to acknowledge that Chemical Waste Management, Inc., of Emelle, Alabama has received your shipment. As a requirement of 40 CFR 264.12 (b), this letter serves to inform you that this facility has the proper permits and will accept your shipment upon completion of waste analysis procedures specified in the facility's Waste Analysis Plan and as determined in the approval waste profile submitted for this/these wastes.

As of September 26, 1997, Chemical Waste Management, Inc., Emelle Alabama (ALD000622464) is operating under a AHWMMA Permit, issued by the Alabama Department of Environmental Management. (RCRA)

Dorothy Oliver /cm
Recordkeeping and Reporting Supervisor

February 21, 2012

Non-hazardous Manifests

001

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45564

CONTRACT # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: DONAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 75 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE:	TELEPHONE: 305-225-1423
CONTACT:	CONTACT: 305-824-1423	CONTACT:
I.D. NO.: Mark K. Davidson	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.: WT 090035	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AS AGENT OF U.S. NAVY | DATE OF SHIPMENT: 01-23-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: RAFAEL BRAVO | DATE OF SHIPMENT: 1/23/12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/23/2012

TITLE | DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: R. BRAVO Sched. Arrive

TRUCK: 932 Sched. Arrive

GROSS TARE 66,360

NET 14,788 20.79

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS (BOB LEWIS) 877-742-4215

1/23 1544

TIME IN - 0925

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046291

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 80522220617
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 932

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 1

Customer#: 3026926
PO#: SEAN HAGERTY
Type: DEL
Ship Unit: 2026813

Gross LBS: 66,360 KGS: 30,101
Tare LBS: 24,780 KGS: 11,240
Net LBS: 41,580 KGS: 18,861

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.790	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	20.790	TON
Cumul Daily Qty		20.790				

Additional delivery or stocking instructions: mfst. 45564

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 1-23-2012

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45565

CONTRACT # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE:	TELEPHONE:	TELEPHONE: 305-225-1423
CONTACT: ~~843-743-2124~~	CONTACT: ~~305-824-1423~~	CONTACT:
I.D. NO.: Mark E. Davidson	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.: WT 090075	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AS AGENT OF U.S. NAVY

DATE OF SHIPMENT: 01-23-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

x Heliodoro Estevez

TITLE: x

DATE OF SHIPMENT: 01-23-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE:

DATE OF SHIPMENT: 1-23-12

DISPATCH INFO:

DRIVER: JM22 Sched. Arrive

TRUCK: 600 Sched. Arrive 6 of 1300

GROSS TARE

NET 24,940

SPECIAL INST. 19.68

1/23/12 1445

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046294

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221026
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 600

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 4

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit: 2026813

Gross LBS: 64,300 KGS: 29,166
Tare LBS: 24,940 KGS: 11,313
Net LBS: 39,360 KGS: 17,854

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
19.680	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	19.680	TON
Cumul Daily Qty		84.100				

Additional delivery or stocking instructions: mfst. 45565

Loader check _____
Driver check _____

Received In Good Order And Accepted By: Date: 1-23-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45566

Contract # N62470-08-D-1006 JM27

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: ~~Mark E. Davidson~~	CONTACT: ~~WT 090078~~	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AS AGENT OF U.S NAVY

DATE OF SHIPMENT: 01-23-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Javier Sandano

TITLE:

DATE OF SHIPMENT: 01-23-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/23/2012

TITLE:

DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER:

Sched. Arrive

TRUCK: 2605

Sched. Arrive 69,560

GROSS

TARE

NET 24,000

SPECIAL INST. 22.48

BILLING: 1/23

COMPANY NAME

ADDRESS 15 42

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046292

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221019
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 2605

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 2

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit: 2026813

Gross LBS: 69,560 KGS: 31,552
Tare LBS: 24,600 KGS: 11,159
Net LBS: 44,960 KGS: 20,394

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.480	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	22.480	TON
Cumul Daily Qty		43.270				

Additional delivery or stocking instructions: mfst. 45566

Loader check _____
Driver check _____

Received In Good Order And Accepted By: myc Date: 1-23-2012

Delivered/Drop Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45567

Contract # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Tabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT:	CONTACT:
I.D. NO.:	I.D. NO.: WT 090076	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a charecteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: As of Agent of US Navy | DATE OF SHIPMENT: 01-23-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

X Felix Cribeiro

TITLE | DATE OF SHIPMENT: 01-23-12

X Felix Cribeiro

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/23/12

TITLE | DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 4954 | Sched. Arrive 6, 460

GROSS | TARE

NET 27,160

SPECIAL INST. 21.15

BILLING: 1/23

COMPANY NAME

ADDRESS 1455

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046293

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221021
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 4954

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 3

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit: 2026813

Gross LBS: 69,460 KGS: 31,507
Tare LBS: 27,160 KGS: 12,320
Net LBS: 42,300 KGS: 19,187

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.150	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	21.150	TON
Cumul Daily Qty		64.420				

Additional delivery or stocking instructions: mfst. 45567

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 1-23-2012

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45568

Contract # N62470-08-D-1006 JM 22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 73 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: WT 000076	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: As Agent For U.S. Navy

DATE OF SHIPMENT: 01-23-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Nathaniel Mota

TITLE:

DATE OF SHIPMENT: 1/23/12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Mana Rodriguez 1-23-12

TITLE:

DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER: Nate — Sched. Arrive

TRUCK: 167 — Sched. Arrive

GROSS — TARE 74,100

NET 29,268

22.42

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046295

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221031
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 167

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 5

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit:2026815

Gross LBS: 74,100 KGS: 33,612
Tare LBS: 29,260 KGS: 13,272
Net LBS: 44,840 KGS: 20,339

Shipping Instructions:
US NAVY-PARCEL X 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.420	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	22.420	TON
Cumul Daily Qty		106.520				

Additional delivery or stocking instructions: mfst. 45568

Loader check _____
Driver check _____

Received In Good Order And Accepted By: _____ **Date:** 1-23-12

Delivered/Drop Shipped By: _____ **Date:** _____

MSDS PROVIDE UPON REQUEST

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45570

CONTRACT # H62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark F. Davidson	CONTACT: WT #900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a charecteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAOP

TITLE: AS AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 01-23-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

OMAR GARCIA

TITLE:

DATE OF SHIPMENT: 01-23-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/24/12

TITLE:

DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 1726 Sched. Arrive

GROSS 64,720 TARE

NET 24,880

SPECIAL INST. 20.02

1/24/12 0855

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046298

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221034
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No 1726

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 8

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit:2026813

Gross LBS: 64,920 KGS: 29,448
Tare LBS: 24,880 KGS: 11,286
Net LBS: 40,040 KGS: 18,162

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.020	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	20.020	TON
Cumul Daily Qty		168.080				

Additional delivery or stocking instructions: mfst. 45570

Loader check _____
Driver check _____

Received In Good Order And Accepted By: _____ Date: 1-24-12

Delivered/Drop Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45571

CONTRACT # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark F. Davidson	CONTACT:	CONTACT:
I.D. NO.:	I.D. NO.: WT 0900 75	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est.	20	DT

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop [signature]

TITLE: AS AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 01-23-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

José L Barreto

TITLE: José L Barreto

DATE OF SHIPMENT: 01-23-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1-23-12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 986 Sched. Arrive 65,920

GROSS TARE

NET 25,740

SPECIAL INST. 20.09

[signature] 1/23

BILLING:

COMPANY NAME

ADDRESS 16:20

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046296

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221032
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 936

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 6

Customer#: 3026926
PO#: SEAN HAGERTY
Type: DEL
Ship Unit:2026013

Gross LBS: 65,920 KGS: 29,901
Tare LBS: 25,740 KGS: 11,676
Net LBS: 40,180 KGS: 18,226

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.090	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	20.090	TON
Cumul Daily Qty		126.610				

Additional delivery or stocking instructions: mfst. 45571

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTR Date: 1-23-12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45572

CONTRACT # H62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-742-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT:	CONTACT:
I.D. NO.:	I.D. NO.: I.D. NO: WT0900 76	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AS AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 01-23-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Jorge Barreto

DATE OF SHIPMENT: 01-23-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1-23-12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER:

Sched. Arrive

TRUCK: 2050

Sched. Arrive 68,640

GROSS

TARE

NET 25,760

SPECIAL INST.

21.45

1/23

BILLING:

COMPANY NAME

1621

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046297

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221033
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL. 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 2050

Delivery Due Time: _____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 7

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS: 68,640 KGS: 31,135
Tare LBS: 25,740 KGS: 11,676
Net LBS: 42,900 KGS: 19,459

Shipping Instructions:
US NAVY-PARCEL X 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.450	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	21.450	TON
Cumul Daily Qty		148.060				

Additional delivery or stocking instructions: mfst. 45572

Loader check _____
Driver check _____

Received In Good Order And Accepted By: _____ Date: 1-23-12

Delivered/Drop Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

046300

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221040
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 4250

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 10

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit:2026813

Gross LBS: 69,040 KGS: 31,317
Tare LBS: 25,900 KGS: 11,748
Net LBS: 43,140 KGS: 19,568

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.570	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	21.570	TON
Cumul Daily Qty		210.790				

Additional delivery or stocking instructions: mfst. 45574

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 1-24-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45574

CONTRACT # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-740-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 74	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION

MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	REMARKS
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAOP

TITLE: AS AGENT OF U.S. NAVY | DATE OF SHIPMENT: 01-23-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

ERNESTO PEREZ

TITLE: | DATE OF SHIPMENT: 01-23-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/24/12

TITLE: | DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 4250 | Sched. Arrive 69,040

GROSS | TARE

NET 25,900

SPECIAL INST. 21.57

BILLING: 1/24

COMPANY NAME

ADDRESS 0642

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

010

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45575

CONTRACT # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark K. Davidson	CONTACT: ID NO- WT 0990 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AS AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 01-23-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Gilberto Cabrera

TITLE:

DATE OF SHIPMENT: 01-23-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/24/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER:

Sched. Arrive

TRUCK: 910

Sched. Arrive 10,180

GROSS

TARE 23,860

NET 23.16

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

1/24 0640

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046301

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221045
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 910

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 11

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS: 70,180 KGS: 31,834
Tare LBS: 23,860 KGS: 10,823
Net LBS: 46,320 KGS: 21,011

Shipping Instructions:
US NAVY-PARCEL X 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
23.160	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	23.160	TON
Cumul Daily Qty		233.950				

Additional delivery or stocking instructions: mfst. 45575

Loader check _____
Driver check _____

Received In Good Order And Accepted By: DTTR Date: 1-24-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45576

Contract # N62470-08-D-1006 JM27

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 79 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-3124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0000 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AS AGENT OF U.S. NAVY | DATE OF SHIPMENT: 01-23-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: C.A | DATE OF SHIPMENT: 01-23-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/24/12

TITLE | DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 8392 Sched. Arrive

GROSS TARE 66,700

NET 24,720

SPECIAL INST. 20.99

1/24

BILLING: 0905

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046302

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221047
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 8392

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 12

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit: 2026813

Gross LBS: 66,700 KGS: 30,255
Tare LBS: 24,720 KGS: 11,213
Net LBS: 41,980 KGS: 19,042

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.990	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	26.990	TON
Cumul Daily Qty		254.940				

Additional delivery or stocking instructions: mfst. 45576

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 1-24-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

012

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45577

CONTRACT # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAS

TITLE: AS AGENT OF U.S. NAVY

DATE OF SHIPMENT: 01-23-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

BERTO LORENZO

TITLE

DATE OF SHIPMENT: 01-23-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and dascriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/23/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 1233 Sched. Arrive 12:780

GROSS TARE

NET 26,140

SPECIAL INST. 23.32

BILLING: 05107

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046303

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221048
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 1233

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 13

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit:2026813

Gross LBS: 72,780 KGS: 33,013
Tare LBS: 26,140 KGS: 11,857
Net LBS: 46,640 KGS: 21,156

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
23.320	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	23.320	TON
Cumul Daily Qty		278.260				

Additional delivery or stocking instructions: mfst. 45577

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTR Date: 1-23-12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

013

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45578

CONTRACT # N62470-08-D-1004 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0000 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AS AGENT OF U.S. NAVY

DATE OF SHIPMENT: 01-23-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Emil Semio

TITLE:

DATE OF SHIPMENT: 01-23-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/24/12

TITLE:

DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 7012 Sched. Arrive 6:30

GROSS TARE 67,480

NET 25,740

SPECIAL INST. 20.87

BILLING: 1/24

COMPANY NAME

ADDRESS 0905

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046304

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221049
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 7012

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 14

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS: 67,480 KGS: 30,609
Tare LBS: 25,740 KGS: 11,676
Net LBS: 41,740 KGS: 18,933

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.870	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	20.870	TON
Cumul Daily Qty		295.130				

Additional delivery or stocking instructions: mfst. 45578

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 1-24-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

014

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45579

Contract # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0000 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AS AGENT OF U.S. NAVY | DATE OF SHIPMENT: 01-23-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Ivon Fuentes | DATE OF SHIPMENT: 01-23-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/24/12

TITLE | DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 3050 | Sched. Arrive 63,100

GROSS | TARE

NET 26,060

SPECIAL INST. 18.52

BILLING: 1/24 0725

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046305

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221052
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 3050

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 15

Customer#: 3026926
PO#: SEAN HAGKROTT
Type: DEL
Ship Unit: 2026813

Gross LBS: 63,100 KGS: 28,622
Tare LBS: 26,060 KGS: 11,821
Net LBS: 37,040 KGS: 16,801

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
18.520	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	18.520	TON
Cumul Daily Qty		317.650				

Additional delivery or stocking instructions: mfst. 45579

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTK **Date:** 1-24-12

Delivered/Drop Shipped By: **Date:**

MSDS PROVIDE UPON REQUEST

015

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45580

Contract # N62470-08-D-1004 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0000 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dunaop

TITLE: As Agent For U.S. Navy | DATE OF SHIPMENT: 01-23-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

NESTOR CLAVERIA

TITLE | DATE OF SHIPMENT: 01-23-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE | DATE OF SHIPMENT: 1/24/2012

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 4990 | Sched. Arrive 6:30

GROSS | TARE

NET 25,120

SPECIAL INST. 20.72

BILLING: 1/24

COMPANY NAME

ADDRESS 0737

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046306

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221055
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 4990

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 16

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit:2026813

66560
25120

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.720	TON	700.000	1031452	PETRO SOILS EXTERNAL BULK	20.720	TON
Cumul Daily Qty		338.370				

Additional delivery or stocking instructions: mfst. 45580

Loader check _____
Driver check _____

Received In Good Order And Accepted By: mTR Date: 1-24-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

014

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45581

CONTRACT # NL2470-08-D-1001 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 4000 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AS AGENT OF US NAVY | DATE OF SHIPMENT: 01-23-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Hector Rodriguez

TITLE | DATE OF SHIPMENT: 01-23-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/24/12

TITLE | DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 259 | Sched. Arrive 69 640

GROSS | TARE 23,780

NET 22.93

SPECIAL INST.

BILLING: 1/24 0825

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046307

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221058
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 259

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 17

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS: 69,640 KGS: 31,589
Tare LBS: 23,780 KGS: 10,787
Net LBS: 45,860 KGS: 20,802

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.930	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	22.930	TON
Cumul Daily Qty		361.300				

Additional delivery or stocking instructions: mfst. 45581

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 1-24-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45582

Contract # NC2470-08-D-4006 JM 22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0000 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: As Agent of U.S. Navy DATE OF SHIPMENT: 01-23-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Luis Perez DATE OF SHIPMENT: 01-23-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE DATE OF SHIPMENT: 1/24/12

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 211 Sched. Arrive

GROSS TARE 68,060

NET 25,780

21.14

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046299

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221037
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 211

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 9

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit:2026813

Gross LBS: 68,960 KGS: 30,872
Tare LBS: 25,780 KGS: 11,694
Net LBS: 42,280 KGS: 19,178

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.140	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	21.140	TON
Cumul Daily Qty		189.220				

mfst. 45582

Additional delivery or stocking instructions: _____

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTR Date: 1-24-12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45583

CONTRACT # NL2470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-740-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0000 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dunlap

TITLE: AS AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 01-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Heliodoro Estevez

TITLE: H

DATE OF SHIPMENT: 01-24-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE:

DATE OF SHIPMENT: 1-24-2012

DISPATCH INFO:

DRIVER: JH

Sched. Arrive

TRUCK: 600

Sched. Arrive

GROSS

TARE 64,400

NET 25,160

SPECIAL INST. 19.62

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046308

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221060
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 600

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 18

Customer#: 3026926
PO#: SEAN HAGEMOTT
Type: DEL
Ship Unit:2026813

Gross LBS: 64,400 KGS: 29,212
Tare LBS: 25,160 KGS: 11,413
Net LBS: 39,240 KGS: 17,799

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
19.620	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	19.620	TON
Cumul Daily Qty		380.920				

Additional delivery or stocking instructions: mfst. 45583

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 1-24-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

019

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45584

Contract # N62470-08-D-1006 JM22

GENERATOR			TRANSPORTER			RECEIVING FACILITY		
COMPANY NAME: US NAVY - Parcel K			COMPANY NAME: METRO TRUCKING			COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES		
ADDRESS: 4130 Faber Place Drive, Suite 202			ADDRESS: 2225 W. 78 STREET			ADDRESS: 1200 N.W. 137TH AVENUE		
CITY: N Charleston	ST.: SC	ZIP CODE: 29405	CITY: HIALEAH	ST.: FL	ZIP CODE: 33016	CITY: MIAMI	ST.: FL	ZIP CODE: 33182
TELEPHONE: 843-743-2124			TELEPHONE: 305-824-1423			TELEPHONE: 305-225-1423		
CONTACT: Mark E. Davidson			CONTACT: ID NO: WT 0060 76			CONTACT:		
I.D. NO.:			I.D. NO.:			I.D. NO.: FLD981758485		
CUST. P.O.			M.S. NO.:					

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20 DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AS AGENT OF U.S. NAVY | DATE OF SHIPMENT: 01-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

JOSUE SANTANA

TITLE | DATE OF SHIPMENT: 01-24-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE | DATE OF SHIPMENT: 1-24-2012

DISPATCH INFO:

DRIVER: | Sched. Arrive:

TRUCK: 2605 | Sched. Arrive: 67,560

GROSS | TARE

NET 24,600

SPECIAL INST. 21.48

BILLING: 1/24

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046309

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221064
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 2605

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 19

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS: 67,560 KGS: 30,645
Tare LBS: 24,600 KGS: 11,159
Net LBS: 42,960 KGS: 19,487

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.480	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	21.480	TON
Cumul Daily Qty		402.400				

Additional delivery or stocking instructions: mfst. 45584

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 1-24-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

020

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45585

CONTRACT # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston / ST.: SC / ZIP CODE: 29405	CITY: HIALEAH / ST.: FL / ZIP CODE: 33016	CITY: MIAMI / ST.: FL / ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark F. Davidson	CONTACT: ID NO: WT 0990 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: As Agent of U.S. Navy

DATE OF SHIPMENT: 01-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Felix Cibeiro

TITLE: Felix Cibeiro

DATE OF SHIPMENT: 01-24-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE:

DATE OF SHIPMENT: 1-24-12

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 4954 Sched. Arrive

GROSS 67,000 TARE 40,020

NET 26,980

67,000.00 ÷
26,980.00 =
40,020 ÷
2,000 =
20.01

20.01

CITY: ST: ZIP CODE:

TELEPHONE:

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046310

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221066
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 4954

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 20

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS: 67,000 KGS: 30,391
Tare LBS: 26,980 KGS: 12,238
Net LBS: 40,020 KGS: 18,153

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.010	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	20.010	TON
Cumul Daily Qty		422.410				

Additional delivery or stocking instructions: mfst. 45585

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 1-24-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

021

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45586

CONTRACT # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Tabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2324	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAQP

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 01-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Jorge Barreto

DATE OF SHIPMENT: 01-24-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Maria Rodriguez

DATE OF SHIPMENT: 1-24-2012

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 2050 Sched. Arrive

GROSS TARE 66,520

NET 25,680

SPECIAL INST. 20.42

BILLING: 1/24

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

Customer Service Center: 1-305-225-1423

CEMEX

046311

Delivery Ticket#: 8052221068
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 2050

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 21

Customer#: 3026926
PO#: SKAN HAGEROTT
Type: DEL
Ship Unit:2026013

Gross LBS: 66,520 KGS: 30,173
Tare LBS: 25,680 KGS: 11,648
Net LBS: 40,840 KGS: 18,525

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.420	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	20.420	TON
Cumul Daily Qty		442.830				

Additional delivery or stocking instructions: mfst. 45586

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTR Date: 1-24-12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

022

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45587

Contract # H62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Tabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0000 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20 DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAOP R. Dumaop

TITLE: Agent for U.S. Navy DATE OF SHIPMENT: 01-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Jose L Barreto

TITLE: JOSE L BARRETO DATE OF SHIPMENT: 01-24-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE DATE OF SHIPMENT: 1-24-12

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 986 Sched. Arrive

GROSS TARE 69,520

NET 25,660

SPECIAL INST. 21.93

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046312

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221087
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 986

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 22

Customer#: 3026926
PO#: SKAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS: 69,520 KGS: 31,534
Tare LBS: 25,660 KGS: 11,639
Net LBS: 43,860 KGS: 19,895

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.930	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	21.930	TON
Cumul Daily Qty		464.760				

Additional delivery or stocking instructions: mfst. 45587

Loader check _____
Driver check _____

Received In Good Order And Accepted By: [signature] Date: 1-24-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45588

CONTRACT # W6247D-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 75 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark F. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY DATE OF SHIPMENT: 01-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Abiel Meleros DATE OF SHIPMENT: 01-24-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE DATE OF SHIPMENT: 1-24-2012

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 927 Sched. Arrive 6:30

GROSS 67,700 TARE

NET 25,260

SPECIAL INST. 21.22

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call: SWS 877-742-4215

1/24 1445

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046313

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221088
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 927

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 23

Customer#: 3026926
PO#: SEAN HAGEROTY
Type: DEL
Ship Unit:2026813

Gross LBS: 67,780 KGS: 30,709
Tare LBS: 25,260 KGS: 11,458
Net LBS: 42,440 KGS: 19,251

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.220	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	21.220	TON
Cumul Daily Qty		485.980				

Additional delivery or stocking instructions: mfst. 45588

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MMC Date: 1-24-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

024

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45589

CONTRACT # W6247D-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 75 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-742-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark F. Davidson	CONTACT: ID NO: WT 0000 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause olly waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAS

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 01-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Orlando

DATE OF SHIPMENT: 01-24-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/24/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER:

Sched. Arrive

TRUCK: 1609

Sched. Arrive 6:30

GROSS

TARE

NET 24,340

20.73

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046314

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221089
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 1609

Order#: 1015973232
Job#:
Load#: 24

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026813

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Shipping Instructions:
US NAVY-PARCEL X 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.730	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	20.730	TON
Cumul Daily Qty		506.710				

Additional delivery or stocking instructions: mfst. 45589

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MDR **Date:** 1-24-2012

Delivered/Drop Shipped By: **Date:**

MSDS PROVIDE UPON REQUEST

025

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45590

CONTRACT # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est 20	DT	63,540

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: Agent For U.S. Navy DATE OF SHIPMENT: 01-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Operator DATE OF SHIPMENT: 01-24-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE DATE OF SHIPMENT: 1-24-2012

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 8485 Sched. Arrive 63,440

GROSS TARE 63,440

NET 24,280 19.58

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046315

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221103
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 8485

Delivery Due Time: _____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 25

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026013

Gross LBS: 63,440 KGS: 28,776
Tare LBS: 24,280 KGS: 11,013
Net LBS: 39,160 KGS: 17,763

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
19.580	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	19.580	TON
Cumul Daily Qty		526.290				

Additional delivery or stocking instructions: mfst. 45590

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MXC Date: 1-24-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

026

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45591

CONTRACT # H62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 76 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0000 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency end contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAOP

TITLE	DATE OF SHIPMENT
AGENT FOR U.S. NAVY	01-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE	DATE OF SHIPMENT
Luis Perez	01-24-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE	DATE OF SHIPMENT
Maria Rodriguez	1-24-12

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 211 Sched. Arrive

GROSS 68,880 TARE

NET 25,540

SPECIAL INST. 21.67

..0..

68,880.00 +
25,540.00 −
43,340. ÷
2,000. =
21.67

1/24 1545

TEL.

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046316

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221105
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 211

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 26

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit: 2026813

Gross LBS: 68,880 KGS: 31,244
Tare LBS: 25,540 KGS: 11,585
Net LBS: 43,340 KGS: 19,659

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.670	TON	700.000	1031451	PETRO SOILS EXTERNAL SULK	21.670	TON
Cumul Daily Qty		547.960				

mfst. 45591

Additional delivery or stocking instructions: _____

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MR Date: 1-24-12

Delivered/Drop Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

027

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45592

CONTRACT # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-749-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 01-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Luis A Perez

DATE OF SHIPMENT: 01-24-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE

DATE OF SHIPMENT: 1-24-2012

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 211 Sched. Arrive

GROSS TARE 64,480

NET 25,540

SPECIAL INST. 19.47

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046317

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221106
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 2111

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 27

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DRL
Ship Unit:2026813

Gross LBS: 64,480 KGS: 29,248
Tare LBS: 25,540 KGS: 11,585
Net LBS: 38,940 KGS: 17,663

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
19.470	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	19.470	TON
Cumul Daily Qty		567.630				

Additional delivery or stocking instructions: mfst. 45592

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR **Date:** 1-24-12

Delivered/Drop Shipped By: **Date:**

MSDS PROVIDE UPON REQUEST

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45593

CONTRACT # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark F. Davidson	CONTACT: ID NO: WT 0000 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY | DATE OF SHIPMENT: 01-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Gilbert Cabrera

TITLE: | DATE OF SHIPMENT: 01-24-12

TREATMENT FACILITY

This is to certify the acceptence of the above named material in the amounts and descriptions given from the named transporter for treatment, storege disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1-24-12

TITLE: | DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER: | Sched. Arrive:

TRUCK: 910 | Sched. Arrive: 69,220

GROSS | TARE | NET 23,960

SPECIAL INST. 22.63

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

1/24 1555

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046318

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221107
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 910

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 28

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit:2026813

Gross LBS: 69,220 KGS: 31,398
Tare LBS: 23,960 KGS: 10,868
Net LBS: 45,260 KGS: 20,530

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.630	TON	700.000	1031651	PETRO SOILS EXTERNAL BULK	22.630	TON
Cumul Daily Qty		590.060				

Additional delivery or stocking instructions: mfst. 45593

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: mm Date: 1-24-12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

029

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45594

Contract # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WI 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY | DATE OF SHIPMENT: 01-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: GONESTO PEREZ | DATE OF SHIPMENT: 01-24-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Mario Rodriguez

TITLE | DATE OF SHIPMENT: 1-24-12

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 4250 | Sched. Arrive 68,860

GROSS | TARE

NET 25,640

SPECIAL INST. 21.61

1/31/24

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046319

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221110
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 4250

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 29

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit: 2026813

Gross LBS: 68,860 KGS: 31,235
Tare LBS: 25,640 KGS: 11,630
Net LBS: 43,220 KGS: 19,605

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.610	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	21.610	TON
Cumul Daily Qty		611.670				

mfst. 45594

Additional delivery or stocking instructions: _____

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR **Date:** 1-24-12

Delivered/Drop Shipped By: **Date:**

MSDS PROVIDE UPON REQUEST

050

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45595

Contract # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark T Davidson	CONTACT: ID NO: WT 0980 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY | DATE OF SHIPMENT: 01-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: [illegible] | DATE OF SHIPMENT: 01-24-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the namad transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE | DATE OF SHIPMENT: 1-25-12

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 3811 | Sched. Arrive 6:45 AM

GROSS | TARE

NET 24,700

SPECIAL INST. 20.38

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046320

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221113
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 3811

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 30

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS: 65,460 KGS: 29,693
Tare LBS: 24,700 KGS: 11,204
Net LBS: 40,760 KGS: 18,489

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.380	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	20.380	TON
Cumul Daily Qty		632.050				

Additional delivery or stocking instructions: mfst. 45595

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MR Date: 1/25/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45596

CONTRACT # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAOP

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 01-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: NESTOR CLAVERIA — DATE OF SHIPMENT: 01-24-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE — DATE OF SHIPMENT: 1-25-12

DISPATCH INFO:

DRIVER: — Sched. Arrive

TRUCK: 4990 — Sched. Arrive

GROSS — TARE 70,700

NET 25,360

SPECIAL INST. 22.67

BILLING:

COMPANY NAME

ADDRESS

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046321

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221114
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 4990

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 31

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit:2026813

Gross LBS: 70,700 KGS: 32,070
Tare LBS: 25,360 KGS: 11,503
Net LBS: 45,340 KGS: 20,566

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.670	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	22.670	TON
Cumul Daily Qty		654.720				

mfst. 45596

Additional delivery or stocking instructions: _____

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 1-25-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

032

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45597

CONTRACT # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark F Davidson	CONTACT: ID NO: WT 0000 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAOP

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 01-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

HECTOR RODRIGUEZ

TITLE:

DATE OF SHIPMENT: 01-24-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/24/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER:

Sched. Arrive

TRUCK: 259

Sched. Arrive 67,820

GROSS

TARE

NET 23,440 22.19

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046322

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221115
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 259

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 32

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit:2026813

Gross LBS: 67,820 KGS: 30,763
Tare LBS: 23,440 KGS: 10,632
Net LBS: 44,380 KGS: 20,131

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.190	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	22.190	TON
Cumul Daily Qty		676.910				

Additional delivery or stocking instructions: mfst. 45597

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTR Date: 1-24-12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45598

CONTRACT # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 76 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0981 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAOP

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 01-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: RAFAEL BRAVO — DATE OF SHIPMENT: 01-24-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1-25-2012

TITLE — DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: R. BRAVO — Sched. Arrive

TRUCK: 932 — Sched. Arrive 6, 420

GROSS — TARE

NET 24,960

22.23

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046323

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221117
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 932

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 33

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit:2026813

Gross LBS: 69,420 KGS: 31,489
Tare LBS: 24,960 KGS: 11,322
Net LBS: 44,460 KGS: 20,167

Shipping Instructions:
US NAVY-PARCEL F 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.230	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	22.230	TON
Cumul Daily Qty		699.140				

Additional delivery or stocking instructions: mfst. 45598

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTR Date: 1-25-12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

034

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45599

CONTRACT # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parent K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 76 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-760-2124	TELEPHONE: 305-824-1623	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO. WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause olly waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 01-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Ruben Rodriguez

DATE OF SHIPMENT: 1-24-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE

DATE OF SHIPMENT: 1-24-2012

DISPATCH INFO:

DRIVER:

Sched. Arrive

TRUCK: 282

Sched. Arrive 06:45

GROSS

TARE

NET 24,080

21.18

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046324

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221118
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 282

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 34

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit:2026813

Gross LBS: 66,440 KGS: 30,137
Tare LBS: 24,080 KGS: 10,923
Net LBS: 42,360 KGS: 19,214

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.180	TON	700.000	1031451	PETRO SOILS EXTERNAL BULK	21.180	TON
Cumul Daily Qty		720.320				

Additional delivery or stocking instructions: mfst. 45599

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTL Date: 1-25-12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

035

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45600

CONTRACT # N62470-08-D-1006 JM 22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 75 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO.: WT 0006 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: Agent For U.S. Navy | DATE OF SHIPMENT: 01-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

BETTY LORENZO

TITLE: | DATE OF SHIPMENT: 01-24-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE | DATE OF SHIPMENT: 1-25-12

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 1233 | Sched. Arrive 7 0,840

GROSS | TARE

NET 25,940

SPECIAL INST. 22.45

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

stomer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221619
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 1233

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 35

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit: 2026813

Gross LBS: 70,840 KGS: 32,133
Tare LBS: 25,940 KGS: 11,766
Net LBS: 44,900 KGS: 20,367

Shipping Instructions:
US NAVY-PARCEL K 6130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.450	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	22.450	TON
Cumul Daily Qty		742.770				

Additional delivery or stocking instructions: mfst. 45600

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 1-25-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

035

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45601

CONTRACT # N62470-08-D-1006 JM 22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1433	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0000 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaup

TITLE: Agent For U.S. Navy DATE OF SHIPMENT: 1-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Daniel Serrano

TITLE: DRIVER DATE OF SHIPMENT: 1-24-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE DATE OF SHIPMENT: 1-25-12

DISPATCH INFO:

DRIVER: Sched. Arrive 15,520

TRUCK: 7012 Sched. Arrive

GROSS TARE 25,760

NET 24.88

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046326

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221621
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 7012

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 36

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS:	75,520	KGS: 34,256
Tare LBS:	25,760	KGS: 11,685
Net LBS:	49,760	KGS: 22,571

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
24.880	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	24.880	TON
Cumul Daily Qty		767.650				

Additional delivery or stocking instructions: mfst. 45601

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR **Date:** 1-25-12

Delivered/Drop Shipped By: **Date:**

MSDS PROVIDE UPON REQUEST

037

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45602

Contract # N62470-08-D-7006 JM 22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 73 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0000 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION

MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	REMARKS
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 1-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Luis Aguilar

TITLE — DATE OF SHIPMENT: 1-24-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE — DATE OF SHIPMENT: 1-25-12

DISPATCH INFO:

DRIVER: — Sched. Arrive

TRUCK: 8392 — Sched. Arrive

GROSS — TARE 70,580

NET 24,700

SPECIAL INST. 22.94

BILLING:

COMPANY NAME

ADDRESS

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS - 877-742-4215

1/25 0604

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046327

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221623
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 8392

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 37

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026013

Gross LBS: 70,580 KGS: 32,015
Tare LBS: 24,700 KGS: 11,204
Net LBS: 45,880 KGS: 20,811

Shipping Instructions:
US NAVY-PARCEL K 4130 FARER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.940	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	22.940	TON
Cumul Daily Qty		790.590				

Additional delivery or stocking instructions: mfst. 45602

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 1-25-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

038

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45603

CONTRACT # N62470-08-D-1006 JMZZ

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0000 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAS

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 1-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

OMAR GARCIA

TITLE:

DATE OF SHIPMENT: 1-24-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/26/12

TITLE:

DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 1726 Sched. Arrive 6645

GROSS TARE 24,700

NET 20.86

SPECIAL INST.

BILLING: 1/26

COMPANY NAME 0755

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046336

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052234534
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 1726

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 8

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit:2026813

Gross LBS: 66,420 KGS: 30,128
Tare LBS: 24,700 KGS: 11,204
Net LBS: 41,720 KGS: 18,924

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.860	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	20.860	TON
Cumul Daily Qty		177.940				

Additional delivery or stocking instructions: mfst. 45603

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MM Date: 1-26-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

039

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45604

Contract # W62470-05-D-1006 JM22

GENERATOR			TRANSPORTER			RECEIVING FACILITY		
COMPANY NAME: US NAVY - Parcel K			COMPANY NAME: METRO TRUCKING			COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES		
ADDRESS: 4130 Faber Place Drive, Suite 202			ADDRESS: 2225 W. 78 STREET			ADDRESS: 1200 N.W. 137TH AVENUE		
CITY: N Charleston	ST.: SC	ZIP CODE: 29405	CITY: HIALEAH	ST.: FL	ZIP CODE: 33016	CITY: MIAMI	ST.: FL	ZIP CODE: 33182
TELEPHONE: 843-742-2124			TELEPHONE: 305-824-1423			TELEPHONE: 305-225-1423		
CONTACT: Mark E. Davidson			CONTACT: ID NO: WT 0960 76			CONTACT:		
I.D. NO.:			I.D. NO.:			I.D. NO.: FLD981758485		
CUST. P.O.			M.S. NO.:					

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dunaup

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 1-24-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptiona given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: SWS VERIFIER — DATE OF SHIPMENT: 1-24-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/25/12

TITLE — DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: — Sched. Arrive

TRUCK: 3200 — Sched. Arrive

GROSS — TARE 80,400

NET 27,740

SPECIAL INST. 26.33

BILLING:

COMPANY NAME

ADDRESS

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

1/25 0608

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046328

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052221624
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 3280

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 38

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit: 2026813

Gross LBS: 80,400 KGS: 36,469
Tare LBS: 27,740 KGS: 12,583
Net LBS: 52,660 KGS: 23,887

Shipping Instructions:
US NAVY-PARCEL K 4130 FARER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
26.330	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	26.330	TON
Cumul Daily Qty		816.920				

Additional delivery or stocking instructions: mfst. 45604

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MPR Date: 1-25-12

Delivered/Drop Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

040

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45605

CONTRACT # N62470-08-D-1006 JM 22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark F. Davidson	CONTACT: ID NO: WT 0000 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumas

TITLE: AGENT OF U.S. NAVY

DATE OF SHIPMENT: 01-25-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Juan Amigo

DATE OF SHIPMENT: 01-25-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1-25-12

TITLE DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 7011 Sched. Arrive

GROSS 70,480 TARE

NET 25,180

SPECIAL INST. 22.65

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE 1505

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046329

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052233907
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 7011

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 1

Customer#: 3026926
PO#: SEAN HAGERTY
Type: DEL
Ship Unit:2026813

Gross LBS: 76,480 KGS: 31,970
Tare LBS: 25,180 KGS: 11,422
Net LBS: 45,300 KGS: 20,548

Shipping Instructions:
US NAVY-PARCEL F 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.650	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	22.650	TON
Cumul Daily Qty		22.650				

Additional delivery or stocking instructions: mfst. 45605

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MMR **Date:** 1-25-12

Delivered/Drop Shipped By: **Date:**

MSDS PROVIDE UPON REQUEST

041

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45606

Contract # W62470-08-D-1006 - TM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1422	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 6980 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: Agent For U.S. NAVY

DATE OF SHIPMENT: 01-25-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Osman. Marged

DATE OF SHIPMENT: 01-25-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/25/12

TITLE: DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 1721 Sched. Arrive

GROSS: TARE: 68,740

NET: 22,760

SPECIAL INST.: 22.99

BILLING:

COMPANY NAME:

ADDRESS: 1505

CITY: ST: ZIP CODE:

TELEPHONE:

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

Customer Service Center: 1-305-225-1423

CEMEX

046330

Delivery Ticket#: 8052233909
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No:_____

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 2

Customer#: 3026926
PO#: SEAN HAGERTY
Type: DEL
Ship Unit:2026013

Gross LBS: 66,740 KGS: 31,180
Tare LBS: 22,760 KGS: 10,324
Net LBS: 45,980 KGS: 20,857

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.990	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	22.990	TON
Cumul Daily Qty		45.640				

Additional delivery or stocking instructions: m-fst. 45606

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTP Date: 1-25-12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

042

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45607

CONTRACT # NC2470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4150 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33015	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 1-25-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Orlando

DATE OF SHIPMENT: 01-25-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1-25-12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 1609 Sched. Arrive 6:40

GROSS TARE

NET 24,900 22.37

SPECIAL INST.

BILLING: Appr 1/25

COMPANY NAME

ADDRESS 1510

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046331

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052233910
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 1609

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 3

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit: 2026813

Gross LBS: 69,640 KGS: 31,589
Tare LBS: 24,900 KGS: 11,295
Net LBS: 44,740 KGS: 20,294

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.370	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	22.370	TON
Cumul Daily Qty		68.810				

Additional delivery or stocking instructions: mfst. 45607

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 1-25-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

043

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45608

CONTRACT # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Tabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WI 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION

MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	REMARKS
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 1-25-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Gilberto Cabrera

TITLE:

DATE OF SHIPMENT: 1-25-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

María Rodriguez 1-25-12

TITLE:

DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 910 Sched. Arrive 10,640

GROSS TARE

NET 27,820

23.41

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046332

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052233911
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 910

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 4

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS: 70,640 KGS: 32,042
Tare LBS: 23,820 KGS: 10,805
Net LBS: 46,820 KGS: 21,238

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
23.410	TON	1,400,000	1031451	PETRO SOILS EXTERNAL BULK	23.410	TON
Cumul Daily Qty		91.420				

Additional delivery or stocking instructions: mfst. 45608

Loader check _____
Driver check _____

Received In Good Order And Accepted By: _____ Date: 1-25-12

Delivered/Drop Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

044

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45609

CONTRACT # NL2420-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-740-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0080 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaup — TITLE: AGENT FOR U.S. AGENT — DATE OF SHIPMENT: 1-25-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Heron Rodriguez — TITLE: — DATE OF SHIPMENT: 1-25-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1-25-12 — TITLE: — DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER: — Sched. Arrive:

TRUCK: 259 — Sched. Arrive: 1530

GROSS: 68,700 — TARE:

NET: 23,560

SPECIAL INST.: 22.57

BILLING: 1/25

COMPANY NAME

ADDRESS

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046333

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052233912
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL.
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 259

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 5

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS: 68,700 KGS: 31,162
Tare LBS: 23,560 KGS: 10,687
Net LBS: 45,140 KGS: 20,476

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.570	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	22.570	TON
Cumul Daily Qty		113.990				

Additional delivery or stocking instructions: mfst. 45609

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MR Date: 1-25-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

045

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45610

CONTRACT # N62470-08-D-1006 JMZZ

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumalp [signature]

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 1-25-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

[signature]

TITLE: ERNESTO PEREZ

DATE OF SHIPMENT: 1-25-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1-25-12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 4250 Sched. Arrive 68,040

GROSS TARE

NET 25,360

SPECIAL INST. 21.34

BILLING: [signature] 1/25

COMPANY NAME

ADDRESS 1514

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046334

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052233914
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 425

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 6

Customer#: 3026926
PO#: SEAN HAGERTY
Type: DEL
Ship Unit:2026813

Gross LBS: 68,040 KGS: 30,863
Tare LBS: 25,360 KGS: 11,503
Net LBS: 42,680 KGS: 19,360

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.340	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	21.340	TON
Cumul Daily Qty		135.330				

Additional delivery or stocking instructions: mfst. 45610

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTK Date: 1-25-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

046

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45611

CONTRACT # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2525 W. 76 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston / ST.: SC / ZIP CODE: 29405	CITY: HIALEAH / ST.: FL / ZIP CODE: 33016	CITY: MIAMI / ST.: FL / ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0080 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est 25	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listad hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE	DATE OF SHIPMENT
AGENT FOR U.S. NAVY	1-25-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE	DATE OF SHIPMENT
Abel Melero S	1-25-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1-25-12

TITLE	DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: / Sched. Arrive

TRUCK: 927 / Sched. Arrive

GROSS / TARE 68,800

NET 25,300

SPECIAL INST. 21.75

1/25/12

BILLING:

COMPANY NAME

ADDRESS 1642

CITY	ST	ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-242-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046335

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052233915
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 927

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 7

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS: 68,800 KGS: 31,208
Tare LBS: 25,300 KGS: 11,476
Net LBS: 43,500 KGS: 19,732

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.750	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	21.750	TON
Cumul Daily Qty		157.060				

Additional delivery or stocking instructions: mfst. 45611

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 1-25-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

047

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45612

CONTRACT # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0000 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	OOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop R. A

TITLE: AGENT FOR U.S. NAVY DATE OF SHIPMENT: 1-25-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

BERTO LORENZO

TITLE: DATE OF SHIPMENT: 1-25-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1-25-12

TITLE: DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 1233 Sched. Arrive 7056O

GROSS TARE 25,900

NET 22.33

SPECIAL INST.

BILLING:

COMPANY NAME 0957

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046337

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052234535
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No: 3026926

Driver Name:_____ No: 1233

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 9

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS: 70,560 KGS: 32,006
Tare LBS: 25,900 KGS: 11,748
Net LBS: 44,660 KGS: 20,258

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.330	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	22.330	TON
Cumul Daily Qty		200.270				

Additional delivery or stocking instructions: mfst. 45612

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR **Date:** 1-26-12

Delivered/Drop Shipped By: **Date:**

MSDS PROVIDE UPON REQUEST

048

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45613

Contract # N6247O-08-D-1006 JM 22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY DATE OF SHIPMENT: 1-25-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

OSWALDO SOLANO

TITLE: DRIVER DATE OF SHIPMENT: 1-25-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/26/12

TITLE DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 7012 Sched. Arrive 79,980

GROSS TARE

NET 75,680

SPECIAL INST. 27.15

BILLING: 1/25/12

COMPANY NAME

ADDRESS 0959

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS - 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046338

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052234536
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 7012

Delivery Due Time: _____
Carrier& Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 10

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS: 79,980 KGS: 36,279
Tare LBS: 25,680 KGS: 11,648
Net LBS: 54,300 KGS: 24,630

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
27.150	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	27.150	TON
Cumul Daily Qty		227.420				

Additional delivery or stocking instructions: mfst. 45613

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 1-26-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

049

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45614

Contract # HC2470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-740-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY | DATE OF SHIPMENT: 1-25-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Luis Aguilar

TITLE | DATE OF SHIPMENT: 1-25-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/26/12

TITLE | DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 8392 | Sched. Arrive 7:30

GROSS | TARE 24,960

NET 23.18

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046339

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052234537
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 8392

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 11

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS: 71,320 KGS: 32,351
Tare LBS: 24,960 KGS: 11,322
Net LBS: 46,360 KGS: 21,029

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
23.180	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	23.180	TON
Cumul Daily Qty		250.600				

Additional delivery or stocking instructions: mfst. 45614

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: _____ Date: 1-26-12

Delivered/Drop
Shipped By: _____ Date:

MSDS PROVIDE UPON REQUEST

050

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45615

CONTRACT # HC2470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-745-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 8960 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, merked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 1-25-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE

DATE OF SHIPMENT: 1-25-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Mara Rodriguez 1.26.12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: 3811

TRUCK: 4990

Sched. Arrive

Sched. Arrive

GROSS 72,780

TARE

NET 24,620

SPECIAL INST. 24.08

1/26

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046340

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052234538
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 3811

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 12

Customer#: 3026926
PO#: SEAN HAGERTY
Type: DEL
Ship Unit: 2026913

Gross LBS: 72,780 KGS: 33,013
Tare LBS: 24,620 KGS: 11,168
Net LBS: 48,160 KGS: 21,845

Shipping Instructions:
US NAVY-PARCEL X 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
24.080	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	24.080	TON
Cumul Daily Qty		276.680				

Additional delivery or stocking instructions: mfst. 45615

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MM Date: 1-26-12

Delivered/Drop Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

051

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45616

Contract # N62470-08-D-1006 JM22

GENERATOR			TRANSPORTER			RECEIVING FACILITY		
COMPANY NAME: US NAVY - Parcel K			COMPANY NAME: METRO TRUCKING			COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES		
ADDRESS: 4130 Tabor Place Drive, Suite 202			ADDRESS: 2225 W. 78 STREET			ADDRESS: 1200 N.W. 137TH AVENUE		
CITY: N Charleston	ST.: SC	ZIP CODE: 29405	CITY: HIALEAH	ST.: FL	ZIP CODE: 33016	CITY: MIAMI	ST.: FL	ZIP CODE: 33182
TELEPHONE: 843-743-2124			TELEPHONE: 305-824-1423			TELEPHONE: 305-225-1423		
CONTACT: Mark F Davidson			CONTACT: ID NO: WT 0900 76			CONTACT:		
I.D. NO.:			I.D. NO.:			I.D. NO.: FLD981758485		
CUST. P.O.			M.S. NO.:					

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumas

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 1-25-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: NESTOR CLAVERIA — DATE OF SHIPMENT: 1-25-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1-26-12

TITLE — DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: — Sched. Arrive

TRUCK: 4990 — Sched. Arrive 62,180

GROSS 4990 — TARE

NET 25,280

SPECIAL INST. 20.95

BILLING: 1/26

COMPANY NAME 0813

ADDRESS

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS - 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046341

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052234539
Date: 01/23/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 4990

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1015973232
Job#:
Load#: 13

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS: 67,180 KGS: 30,473
Tare LBS: 25,280 KGS: 11,467
Net LBS: 41,900 KGS: 19,006

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.950	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	20.950	TON
Cumul Daily Qty		295.630				

Additional delivery or stocking instructions: mfg. 45616

Loader check _____
Driver check _____

Received In Good Order And Accepted By: mm Date: 1-26-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

052

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45617

Contract # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Tabor Place Drive, Suite 202	ADDRESS: 2225 W. 75 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-749-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E Davidson	CONTACT: ID NO: WT 0000 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION

MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	REMARKS
NON HAZ SOIL			est 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dunnop

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 1-27-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: JAIME SANTANA — DATE OF SHIPMENT: 1-27-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria D. Rodriguez

TITLE — DATE OF SHIPMENT: 1-27-12

DISPATCH INFO:

DRIVER: — Sched. Arrive

TRUCK: 2605 — Sched. Arrive 69,320

GROSS — TARE

NET 24,700

22.31

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS - 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046378

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052263636
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 2605

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1016004853
Job#:
Load#: 1

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit: 2026813

Gross LBS: 69,320 KGS: 31,444
Tare LBS: 24,700 KGS: 11,204
Net LBS: 44,620 KGS: 20,240

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.310	TON	100.000	1031451	PETRO SOILS EXTERNAL BULK	22.310	TON
Cumul Daily Qty		22.310				

Additional delivery or stocking instructions: # 45617

Loader check _____
Driver check _____

Received In Good Order And Accepted By: _____ Date: 1-27-12

Delivered/Drop Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

053

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45618

CONTRACT # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Tabor Place Drive, Suite 202	ADDRESS: 2225 W. 76 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston / ST.: SC / ZIP CODE: 29405	CITY: HIALEAH / ST.: FL / ZIP CODE: 33016	CITY: MIAMI / ST.: FL / ZIP CODE: 33182
TELEPHONE: 843-742-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO. WT 0000 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION

MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	REMARKS
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dunlap

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 1-27-17

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Felix Cabrera

TITLE: Felix Cabrera — DATE OF SHIPMENT: 1-27-17

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Manuel J. Rodriguez

TITLE — DATE OF SHIPMENT: 1-27-17

DISPATCH INFO:

DRIVER: — Sched. Arrive

TRUCK: 4954 — Sched. Arrive 6:45

GROSS — TARE

NET 26,900

SPECIAL INST. 21.28

BILLING: 1/27/17

COMPANY NAME

ADDRESS

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

Customer Service Center: 1-305-225-1423

CEMEX

046379

Delivery Ticket#: 8052263637
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No:_____

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016004853
Job#:
Load#: 2

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit:2026813

Gross LBS: 69,460 KGS: 31,597
Tare LBS: 26,900 KGS: 12,292
Net LBS: 42,560 KGS: 19,305

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.280	TON	100.000	1031451	PETRO SOILS EXTERNAL BULK	21.280	TON
Cumul Daily Qty		43.590				

45618

Additional delivery or stocking instructions: _____

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: _____ Date: 1/31/12

Delivered/Drop
Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

054

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45619

CONTRACT # N62470-08-10006 - JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston / ST.: SC / ZIP CODE: 29405	CITY: HIALEAH / ST.: FL / ZIP CODE: 33016	CITY: MIAMI / ST.: FL / ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0906 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY | DATE OF SHIPMENT: 1-27-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Heliodoro Estevez

TITLE: HY | DATE OF SHIPMENT: 1-27-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria D. Rodriguez

TITLE | DATE OF SHIPMENT: 1-27-12

DISPATCH INFO:

DRIVER: HY | Sched. Arrive

TRUCK: 600 | Sched. Arrive 68,760

GROSS | TARE

NET 25,200

21.88

SPECIAL INST.

HY 1/27

12:42

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046380

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052263640
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No:_____

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016004653
Job#:
Load#: 3

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit:2026813

Gross LBS: 68,960 KGS: 31,280
Tare LBS: 25,200 KGS: 11,431
Net LBS: 43,760 KGS: 19,850

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.880	TON	100.000	1031451	PETRO SOILS EXTERNAL BULK	21.880	TON
Cumul Daily Qty		65.470				

Additional delivery or stocking instructions: # 45619

Loader check _____
Driver check _____

Received In Good Order And Accepted By: _____ Date: 1/27/12

Delivered/Drop Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

055

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45620

CONTRACT # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0000 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est 20	DT	

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumas

TITLE: AGENT FOR U.S NAVY

DATE OF SHIPMENT: 1-27-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: RAFAEL BRAVO

DATE OF SHIPMENT: 1-27-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria D. Rodriguez

TITLE:

DATE OF SHIPMENT: 1-27-12

DISPATCH INFO:

DRIVER: R. BRAVO — Sched. Arrive:

TRUCK: 932 — Sched. Arrive:

GROSS: 67,880 — TARE:

NET: 24,760

SPECIAL INST.: 21.56

BILLING:

COMPANY NAME:

ADDRESS:

CITY: ST: ZIP CODE:

TELEPHONE:

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

Customer Service Center: 1-305-225-1423

CEMEX

046381

Delivery Ticket#: 8052263642
Date: 01/30/2012

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 932

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016004853
Job#:
Load#: 4

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit:2026813

Gross LBS: 67,880 KGS: 30,790
Tare LBS: 24,760 KGS: 11,231
Net LBS: 43,120 KGS: 19,559

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.560	TON	100.000	1031451	PETRO SOILS EXTERNAL BULK	21.560	TON
Cumul Daily Qty		87.030				

Additional delivery or stocking instructions: # 45620

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 1/27/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

056

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45621

CONTRACT# N62470-08-D-100X JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark L. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY | DATE OF SHIPMENT: 1-27-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: JESUS JUNTUN | DATE OF SHIPMENT: 1-27-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria D. Rodriguez

TITLE | DATE OF SHIPMENT: 1-30-12

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 3200 | Sched. Arrive 11:45

GROSS | TARE

NET 27,800 24.84

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046382

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052263646
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 3200

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016004853
Job#:
Load#: 5

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS: 77,480 KGS: 35,145
Tare LBS: 27,800 KGS: 12,610
Net LBS: 49,680 KGS: 22,535

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
24.840	TON	100.000	1031451	PETRO SOILS EXTERNAL BULK	24.840	TON
Cumul Daily Qty		111.870				

Additional delivery or stocking instructions: # 4562.1

Loader check _____
Driver check _____

Received In Good Order And Accepted By: Date: 1/30/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

057

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45622

CONTRACT # W62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark K Davidson	CONTACT: ID NO: WT 00M 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 1-27-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: JAVIER SANTANA — DATE OF SHIPMENT: 1-27-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria D. Rodriguez

TITLE — DATE OF SHIPMENT: 1-30-12

DISPATCH INFO:

DRIVER: — Sched. Arrive

TRUCK: 2605 — Sched. Arrive 6 9 7 80

GROSS — TARE — NET 24,680 22.55

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

Customer Service Center: 1-305-225-1423

CEMEX

046383

Delivery Ticket#: 8052263651
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 2605

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1016004853
Job#:
Load#: 6

Customer#: 3026926
PO#: SEAN HAGEBOTT
Type: DEL
Ship Unit: 2026813

Gross LBS:	69,780	KGS: 31,652
Tare LBS:	24,680	KGS: 11,195
Net LBS:	45,100	KGS: 20,457

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.550	TON	150.000	1031451	PETRO SOILS EXTERNAL BULK	22.550	TON
Cumul Daily Qty		134.420				

Additional delivery or stocking instructions: mfst. 45622

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTB Date: 1/30/12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

058

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45623

Contract # N62470-08-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston / ST.: SC / ZIP CODE: 29405	CITY: HIALEAH / ST.: FL / ZIP CODE: 33016	CITY: MIAMI / ST.: FL / ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO. WT 0000 74	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumas

TITLE	DATE OF SHIPMENT
AGENT FOR U.S. NAVY	1-30-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE	DATE OF SHIPMENT
Omar Green	1-30-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/30/12

TITLE	DATE OF SHIPMENT

DISPATCH INFO:

DRIVER:

TRUCK: 1726

GROSS

Sched. Arrive 6:7:40

TARE

NET 24720 21.51

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046384

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052275183
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 1726

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016004853
Job#:
Load#: 1

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS: 67,740 KGS: 30,727
Tare LBS: 24,720 KGS: 11,213
Net LBS: 43,020 KGS: 19,514

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.510	TON	500.000	1031451	PETRO SOILS EXTERNAL BULK	21.510	TON
Cumul Daily Qty		21.510				

Additional delivery or stocking instructions: # 45623

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: _____ Date: 1/30/12

Delivered/Drop
Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

059

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45624

Contract # N62470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Tabor Place Drive, Suite 202	ADDRESS: 2225 W. 76 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark T Davidson	CONTACT: ID NO: WT 0500 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumas

TITLE: Agent For U.S. Navy | DATE OF SHIPMENT: 1-30-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Felix Cabeleo

TITLE: Felix Cabeleo | DATE OF SHIPMENT: 1-30-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/30/12

TITLE | DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 4954 | Sched. Arrive

GROSS | TARE 66,720

NET 26,680

SPECIAL INST. 20-02

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

Customer Service Center: 1-305-225-1423

CEMEX

046385

Delivery Ticket#: 8052275184
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 4954

Delivery Due Time: _____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016004853
Job#:
Load#: 2

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS: 66,720 KGS: 30,264
Tare LBS: 26,680 KGS: 12,102
Net LBS: 40,040 KGS: 18,162

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.020	TON	500.000	1031451	PETRO SOILS EXTERNAL BULK	20.020	TON
Cumul Daily Qty		41.530				

Additional delivery or stocking instructions: mfst. 45624

Loader check _____
Driver check _____

Received In Good Order And Accepted By: mTR Date: 1/30/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

060

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45625

Contract # N62470-08-D-1002 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0908 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaup R. Dumaup

TITLE: Agent For U.S. Navy DATE OF SHIPMENT: 1-30-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Heliodoro Esteve2

TITLE: TK DATE OF SHIPMENT: 1-30-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/30/12

TITLE DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: TK Sched. Arrive

TRUCK: 500 Sched. Arrive 6?.940

GROSS TARE

NET 25,040

SPECIAL INST. 21.45

BILLING: 1/30

COMPANY NAME

ADDRESS 1341

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046386

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052275185
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 600

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016004853
Job#:
Load#: 3

Customer#: 3026926
PO#: SEAN HAGERTY
Type: DSL
Ship Unit:2026813

Gross LBS: 67,940 KGS: 30,818
Tare LBS: 25,040 KGS: 11,358
Net LBS: 42,900 KGS: 19,459

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.450	TON	500.000	1031451	PETRO SOILS EXTERNAL BULK	21.450	TON
Cumul Daily Qty		62.980				

Additional delivery or stocking instructions: # 45625

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MK Date: 1/30/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

061

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45626

JM 22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 76 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston / ST.: SC / ZIP CODE: 29405	CITY: HIALEAH / ST.: FL / ZIP CODE: 33016	CITY: MIAMI / ST.: FL / ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 9900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAOP

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 1-30-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: RAFAEL BRAVO

DATE OF SHIPMENT: 1-30-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Maria Rodriguez

DATE OF SHIPMENT: 1/30/12

DISPATCH INFO:

DRIVER: R. BRAVO — Sched. Arrive

TRUCK: 932 — Sched. Arrive 6:30

GROSS — TARE

NET 24,800

SPECIAL INST. 21.96

BILLING: 1/30 1322

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

Customer Service Center: 1-305-225-1423

CEMEX

046387

Delivery Ticket#: 8052275187
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 932

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016004853
Job#:
Load#: 4

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS: 68,720 KGS: 31,171
Tare LBS: 24,800 KGS: 11,249
Net LBS: 43,920 KGS: 19,922

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.960	TON	500.000	1031451	PETRO SOILS EXTERNAL BULK	21.960	TON
Cumul Daily Qty		84.940				

Additional delivery or stocking instructions: # 45626

Loader check _____
Driver check _____

Received In Good Order And Accepted By: Date: 1/30/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

062

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45628

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION

MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	REMARKS
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 1-30-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Jose L Barreto

TITLE: Jose L Barreto — DATE OF SHIPMENT: 1-30-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/30/12

TITLE — DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: — Sched. Arrive

TRUCK: 986 — Sched. Arrive

GROSS — TARE 67,740

NET

SPECIAL INST. 25,620 21.06

BILLING: 1/31

COMPANY NAME

ADDRESS 0601

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877 742 4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

Customer Service Center: 1-305-225-1423

CEMEX

046388

Delivery Ticket#: 8052275188
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 986

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1016004853
Job#:
Load#: 5

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit: 2026813

Gross LBS: 67,740 KGS: 30,727
Tare LBS: 25,620 KGS: 11,621
Net LBS: 42,120 KGS: 19,106

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.060	TON	500.000	1031651	PETRO SOILS EXTERNAL BULK	21.060	TON
Cumul Daily Qty		1062.000				

Additional delivery or stocking instructions: #45628

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR **Date:** 1/31/12

Delivered/Drop Shipped By: **Date:**

MSDS PROVIDE UPON REQUEST

063

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45629

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listad hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 1-30-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Gilberto Orozco

TITLE: OR

DATE OF SHIPMENT: 1-30-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/30/12

TITLE | DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 910 | Sched. Arrive

GROSS | TARE 24,640

NET 23,780

SPECIAL INST. 23.93

BILLING: 1/30/12

COMPANY NAME

ADDRESS 1531

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046389

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052275189
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 910

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016004853
Job#:
Load#: 6

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit:2026813

Gross LBS: 71,640 KGS: 32,496
Tare LBS: 23,780 KGS: 10,787
Net LBS: 47,860 KGS: 21,709

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
23.930	TON	500.000	1031451	PETRO SOILS EXTERNAL BULK	23.930	TON
Cumul Daily Qty		129.930				

Additional delivery or stocking instructions: # 45629

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: mpk Date: 1/30/12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

064

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45630

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DDT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAOP

TITLE

DATE OF SHIPMENT 1-30-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

ERNESTO PEREZ

TITLE

DATE OF SHIPMENT 1-30-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/30/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 4250 Sched. Arrive

GROSS TARE 68.640

NET 25,280

SPECIAL INST. 21.68

1/30/12

BILLING:

COMPANY NAME 1530

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

Customer Service Center: 1-305-225-1423

CEMEX

046390

Delivery Ticket#: 8052275191
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 4250

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016004853
Job#:
Load#: 7

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit:2026813

Gross LBS: 68,640 KGS: 31,135
Tare LBS: 25,280 KGS: 11,467
Net LBS: 43,360 KGS: 19,668

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.680	TON	500.000	1031451	PETRO SOILS EXTERNAL BULK	21.680	TON
Cumul Daily Qty		151.610				

Additional delivery or stocking instructions: #45630

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MDC Date: 1/30/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

065

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45631

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

X Randy Dumaop X

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 1-30-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: NESTOR CABRERA

DATE OF SHIPMENT: 1-30-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE

DATE OF SHIPMENT: 1/31/2012

DISPATCH INFO:

DRIVER:

TRUCK: 4990

Sched. Arrive: 10,920

GROSS

TARE

NET: 25,060

SPECIAL INST.: 22.93

BILLING: 1/31

COMPANY NAME

ADDRESS: 0948

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call: SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

Customer Service Center: 1-305-225-1423

CEMEX

046409

Delivery Ticket#: 8052276799
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 490

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016004853
Job#:
Load#: 19

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit:2026813

Gross LBS: 70,920 KGS: 32,169
Tare LBS: 25,060 KGS: 11,367
Net LBS: 45,860 KGS: 20,802

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.930	TON	550.000	1031451	PETRO SOILS EXTERNAL BULK	22.930	TON
Cumul Daily Qty		408.140				

Additional delivery or stocking instructions: #45631

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MH **Date:** 1-31-12

Delivered/Drop Shipped By: **Date:**

MSDS PROVIDE UPON REQUEST

067

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45633

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 1-30-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Javier Santana

DATE OF SHIPMENT: 1-30-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/30/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 2605 Sched. Arrive 7:28

GROSS TARE 24,660

NET 22.81

SPECIAL INST.

BILLING: 1/30

COMPANY NAME 1538

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

Customer Service Center: 1-305-225-1423

CEMEX

046391

Delivery Ticket#: 8052275192
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 2605

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016004653
Job#:
Load#: 8

Customer#: 3026926
PO#: SEAN HAGERTY
Type: DEL
Ship Unit:2026813

Gross LBS: 70,280 KGS: 31,879
Tare LBS: 24,660 KGS: 11,186
Net LBS: 45,620 KGS: 20,693

Shipping Instructions:
US NAVY-PARCEL X 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.810	TON	500.000	1031451	PETRO SOILS EXTERNAL BULK	22.810	TON
Cumul Daily Qty		174.420				

Additional delivery or stocking instructions: # 45633

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 1/30/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

068

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45634

JM 22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: Agent For U.S. Navy

DATE OF SHIPMENT: 1-30-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Berto Lopez

TITLE:

DATE OF SHIPMENT: 1-30-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

María Rodriguez 1/31/12

TITLE:

DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER:

Sched. Arrive: 0800

TRUCK: 1233

Sched. Arrive: 0800

GROSS

TARE: 25.700

NET: 21.29

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

1/31

0603

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046392

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052275194
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 1233

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016004853
Job#:
Load#: 9

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit:2026813

Gross LBS: 68,280 KGS: 30,972
Tare LBS: 25,700 KGS: 11,658
Net LBS: 42,580 KGS: 19,314

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.290	TON	500.000	1031451	PETRO SOILS EXTERNAL BULK	21.290	TON
Cumul Daily Qty		195.710				

Additional delivery or stocking instructions: # 45634

Loader check _____
Driver check _____

Received In Good Order And Accepted By: Date: 1-31-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

069

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45635

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est.	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAOP

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 1-30-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

OSNIEL SOLINO

TITLE:

DATE OF SHIPMENT: 1-30-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/30/12

TITLE:

DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 7012 Sched. Arrive 10,080

GROSS TARE

NET 25,920

SPECIAL INST. 22.08

1/31

06 05

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

Customer Service Center: 1-305-225-1423

CEMEX

046393

Delivery Ticket#: 8052275196
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 7012

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016004053
Job#:
Load#: 10

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS: 70,080 KGS: 31,788
Tare LBS: 25,920 KGS: 11,757
Net LBS: 44,160 KGS: 20,031

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.080	TON	500.000	1031451	PETRO SOILS EXTERNAL BULK	22.080	TON
Cumul Daily Qty		217.790				

Additional delivery or stocking instructions: PI 45635

Loader check _____
Driver check _____

Received In Good Order And Accepted By: Date: 1-31-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

OTO

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45636

JM 22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumas

TITLE: Agent For U.S. Navy

DATE OF SHIPMENT: 1-30-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Luis Aguilar

TITLE:

DATE OF SHIPMENT: 1-30-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE:

DATE OF SHIPMENT: 1/30/12

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 8392 Sched. Arrive

GROSS TARE 66,100

NET 24,480

SPECIAL INST. 20.81

1/31

0603

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046394

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052275197
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 839Z

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1016006853
Job#:
Load#: 11

Customer#: 3026926
PO#: SEAN HAGEROTT
Type: DEL
Ship Unit: 2026813

Gross LBS: 66,100 KGS: 29,983
Tare LBS: 24,480 KGS: 11,104
Net LBS: 41,620 KGS: 18,879

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.810	TON	500.000	1031451	PETRO SOILS EXTERNAL BULK	20.810	TON
Cumul Daily Qty		238.600				

Additional delivery or stocking instructions: # 45636

Loader check _____
Driver check _____

Received In Good Order And Accepted By: _____ Date: 1-31-2012

Delivered/Drop Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

071

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45637

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 1-30-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Luis A Perez

TITLE

DATE OF SHIPMENT: 1-30-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE

DATE OF SHIPMENT: 1-31-12

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 211 Sched. Arrive 63,780

GROSS TARE

NET 25,760

SPECIAL INST. 19.26

BILLING: 1/31

COMPANY NAME

ADDRESS 0614

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

Customer Service Center: 1-305-225-1423

CEMEX

046395

Delivery Ticket#: 80522751198
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 2111

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016004853
Job#:
Load#: 12

Customer#: 3026926
PO#: SEAN HAGEROTY
Type: DEL
Ship Unit:2026013

Gross LBS: 63,780 KGS: 28,931
Tare LBS: 25,260 KGS: 11,458
Net LBS: 38,520 KGS: 17,473

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
19.260	TON	500.000	1031451	PETRO SOILS EXTERNAL BULK	19.260	TON
Cumul Daily Qty		257.860				

Additional delivery or stocking instructions: #45637

Loader check _____
Driver check _____

Received In Good Order And Accepted By: Date: 1-31-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

072

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45638

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 1-30-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Abiel Medenos

TITLE: 927 — DATE OF SHIPMENT: 1-30-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/31/12

TITLE — DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: — Sched. Arrive

TRUCK: 927 — Sched. Arrive

GROSS — TARE 67,820

NET 25,520

SPECIAL INST. 21.15

BILLING:

COMPANY NAME

ADDRESS

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

877-742-4215 (SWS)

1/31/12 0650

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

Customer Service Center: 1-305-225-1423

CEMEX

046396

Delivery Ticket#: 8052275199
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 927

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016004853
Job#:
Load#: 13

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit:2026813

Gross LBS: 67,820 KGS: 30,763
Tare LBS: 25,520 KGS: 11,576
Net LBS: 42,300 KGS: 19,187

Shipping Instructions:
US NAVY-PARCEL X 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.150	TON	500.000	1031451	PETRO SOILS EXTERNAL BULK	21.150	TON
Cumul Daily Qty		279.010				

Additional delivery or stocking instructions: # 45638

Loader check _____
Driver check _____

Received In Good Order And Accepted By: Date: 1/31/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

073

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45639

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 1-30-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Verge Manuel — DATE OF SHIPMENT: 1-30-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/30/12

TITLE — DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: — Sched. Arrive

TRUCK: 2050 — Sched. Arrive

GROSS — TARE 67,600

NET 25,680

SPECIAL INST. 20.96

BILLING: Agr 1/31

COMPANY NAME

ADDRESS 0607

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046397

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052275200
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 2050

Delivery Due Time: _____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016004853
Job#:
Load#: 14

Customer#: 3026926
PO#: SEAN HAGERTT
Type: OEL
Ship Unit:2026813

Gross LBS: 67,600 KGS: 30,663
Tare LBS: 25,680 KGS: 11,648
Net LBS: 41,920 KGS: 19,015

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.960	TON	500.000	1031451	PETRO SOILS EXTERNAL BULK	20.960	TON
Cumul Daily Qty		299.970				

#45639

Additional delivery or stocking instructions: _____

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTK Date: 1/30/12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

074

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45640

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 1-30-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Juan C Candoso

TITLE

DATE OF SHIPMENT: 1-30-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/30/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER:

TRUCK: 3811

Sched. Arrive: 10, 140

GROSS

TARE: 24, 820

NET: 22.66

SPECIAL INST.

BILLING: 1/31

COMPANY NAME

ADDRESS: 0804

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

Customer Service Center: 1-305-225-1423

CEMEX

046398

Delivery Ticket#: 8052275202
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 3811

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016004853
Job#:
Load#: 15

Customer#: 3026926
PO#: SEAN HAGERTT
Type: DEL
Ship Unit:2026813

Gross LBS: 70,140 KGS: 31,815
Tare LBS: 24,820 KGS: 11,258
Net LBS: 45,320 KGS: 20,557

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.660	TON	500.000	1031451	PETRO SOILS EXTERNAL BULK	22.660	TON
Cumul Daily Qty		322.630				

Additional delivery or stocking instructions: # 45640

Loader check _____
Driver check _____

Received In Good Order And Accepted By: Date: 1/30/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

075

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45641

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAOP

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 1-30-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Luis Reyes

DATE OF SHIPMENT: 1-30-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/30/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 211 Sched. Arrive

GROSS 68,320 TARE

NET 25,720

SPECIAL INST. 21.30

BILLING: 1/31

COMPANY NAME

ADDRESS 0615

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046399

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052275203
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 211

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1016004853
Job#:
Load#: 16

Customer#: 3026926
PO#: SEAN HAGERGTT
Type: DEL
Ship Unit: 2026813

Gross LBS: 68,320 KGS: 30,990
Tare LBS: 25,720 KGS: 11,667
Net LBS: 42,600 KGS: 19,323

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.300	TON	500.000	1031451	PETRO SOILS EXTERNAL BULK	21.300	TON
Cumul Daily Qty		343.930				

Additional delivery or stocking instructions: # 45641

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTJ Date: 1-31-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

076

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45642

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est.	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAS

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 1-30-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for trensport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

ANDRES VELEZ.

TITLE: CHOFER — DATE OF SHIPMENT: 1-30-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/30/12

TITLE — DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: — Sched. Arrive

TRUCK: 333 — Sched. Arrive 67,660

GROSS — TARE — NET 24,560

SPECIAL INST. 21.55

Apr 1/31

BILLING:

COMPANY NAME

ADDRESS 0617

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

Customer Service Center: 1-305-225-1423

046490

CEMEX

Delivery Ticket#: 8052275204
Date: 01/30/2012

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 333

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016004853
Job#:
Load#: 17

Customer#: 3026926
PO#: SEAN HAGEROTY
Type: DEL
Ship Unit:2026813

Gross LBS:	67,660	KGS: 30,691
Tare LBS:	24,560	KGS: 11,140
Net LBS:	43,100	KGS: 19,550

Shipping Instructions:
US NAVY-PARCEL X 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.550	TON	500.000	1031451	PETRO SOILS EXTERNAL BULK	21.550	TON
Cumul Daily Qty		365.480				

Additional delivery or stocking instructions: # 45642

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 1/31/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

077

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45643

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est.	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumas

TITLE: Agent For U.S. Navy

DATE OF SHIPMENT: 1-30-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Hector Rodriguez

TITLE:

DATE OF SHIPMENT: 1-30-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/30/12

TITLE:

DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 259 Sched. Arrive

GROSS TARE 63,640

NET 24,180

SPECIAL INST. 19-73

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE 0730

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046401

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052275205
Date: 01/30/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 259

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016004853
Job#:
Load#: 18

Customer#: 3026926
PO#: SWAN HAGEROTT
Type: DEL
Ship Unit:2026813

Gross LBS: 63,640 KGS: 28,867
Tare LBS: 24,180 KGS: 10,968
Net LBS: 39,460 KGS: 17,899

Shipping Instructions:
US NAVY-PARCEL K 6130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
19.730	TON	500.000	1031451	PETRO SOILS EXTERNAL BULK	19.730	TON
Cumul Daily Qty		385.210				

45643

Additional delivery or stocking instructions: _____

Loader check _____
Driver check _____

Received In Good Order And Accepted By: _____ Date: 1/31/12

Delivered/Drop Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

090

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45657

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est.	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 1-31-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Luis A Perez

TITLE

DATE OF SHIPMENT: 1-31-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2-1-12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER:

Sched. Arrive

TRUCK: 2111

Sched. Arrive 69,320

GROSS

TARE 25,260

NET 22.03

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SRS 877-742-7215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046415

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 80523483352
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 1726

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 2

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit: 2026813

Gross LBS: 65,100 KGS: 29,529
Tare LBS: 25,000 KGS: 11,340
Net LBS: 40,100 KGS: 18,189

Shipping Instructions:
US NAVY-PARCEL K 6130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.050	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	20.050	TON
Cumul Daily Qty		42.060				

#45644

Additional delivery or stocking instructions: _____

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTR Date: 2-1-12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

078

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45644

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est.	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: Agent For U.S. NAVY | DATE OF SHIPMENT: 1-31-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Omar Garcia

TITLE | DATE OF SHIPMENT: 1-31-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2-1-12

TITLE | DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 1726 | Sched. Arrive 6:30, 7:00

GROSS | TARE | NET 25,000

SPECIAL INST. 20.05

Apr 2/1

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS = 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046416

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052348355
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8420
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 7011

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 3

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 67,900 KGS: 30,799
Tare LBS: 25,180 KGS: 11,422
Net LBS: 42,720 KGS: 19,378

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.360	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	21.360	TON
Cumul Daily Qty		63.440				

Additional delivery or stocking instructions: # 45645

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTK Date: 1-31-12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

079

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45645

JM 22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est.	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumas

TITLE: AGENT for U.S. NAVY

DATE OF SHIPMENT: 1-31-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Juan Amigo 7011

DATE OF SHIPMENT: 1-31-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/31/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER:

Sched. Arrive

TRUCK: 7011

Sched. Arrive 67,500

GROSS

TARE

NET 25,180

SPECIAL INST. 21.36

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046417

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052348357
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 1721

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 4

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 68,200 KGS: 30,936
Tare LBS: 23,000 KGS: 10,433
Net LBS: 45,200 KGS: 20,503

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.600	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	22.600	TON
Cumul Daily Qty		86.040				

Additional delivery or stocking instructions: mfst. 45646

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MNL Date: 1-31-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

080

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45646

JM27

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: Agent For U.S. Navy — DATE OF SHIPMENT: 1-31-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Osmani Marquez

TITLE: Oper — DATE OF SHIPMENT: 1-31-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/31/12

TITLE — DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: — Sched. Arrive

TRUCK: 1721 — Sched. Arrive 68,200

GROSS — TARE

NET 23,000

SPECIAL INST. 22.60

BILLING: 1/31

COMPANY NAME

ADDRESS 11:44

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046418

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052348358
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 926

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 5

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit: 2026813

Gross LBS: 69,360 KGS: 31,462
Tare LBS: 25,700 KGS: 11,658
Net LBS: 43,660 KGS: 19,804

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.830	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	21.830	TON
Cumul Daily Qty		107.670				

Additional delivery or stocking instructions: #45647

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MM Date: 1-31-12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

081

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45647

Contract # NC2470-08-D-1006 JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: Agent For U.S. Navy

DATE OF SHIPMENT: 1-31-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

José L Barreto

TITLE

José L Barreto

DATE OF SHIPMENT: 1-31-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/31/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER:

Sched. Arrive

TRUCK: 986

Sched. Arrive 69.360

GROSS

TARE

NET 25.700

21.83

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

1/31/12

1532

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046419

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052348360
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 1233

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 6

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS:	68,200	KGS: 30,936
Tare LBS:	25,340	KGS: 11,494
Net LBS:	42,860	KGS: 19,441

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.430	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	21.430	TON
Cumul Daily Qty		129.300				

Additional delivery or stocking instructions: #45648

Loader check _____
Driver check _____

Received In Good Order And Accepted By: _____ **Date:** 1-31-12

Delivered/Drop Shipped By: _____ **Date:** _____

MSDS PROVIDE UPON REQUEST

082

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45648

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT OF U.S. NAVY

DATE OF SHIPMENT: 1-31-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Berto Lorenzo

TITLE:

DATE OF SHIPMENT: 1-31-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE:

DATE OF SHIPMENT: 1/31/12

DISPATCH INFO:

DRIVER:

Sched. Arrive:

TRUCK: 1233

Sched. Arrive: 68,200

GROSS

TARE: 25,340

NET: 21-43

SPECIAL INST.

1/31 16:35

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046420

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052348363
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 8392

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 7

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit: 2026813

Gross LBS: 66,600 KGS: 30,210
Tare LBS: 24,380 KGS: 11,059
Net LBS: 42,220 KGS: 19,151

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.110	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	21.110	TON
Cumul Daily Qty		150.410				

Additional delivery or stocking instructions: m-fst. 45649

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: _____ Date: 1-31-12

Delivered/Drop
Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

083

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45649

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20		DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMSAP

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 1-31-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Luis Aguilar

TITLE:

DATE OF SHIPMENT: 1-31-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/31/12

TITLE:

DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER: Sched. Arrive:

TRUCK: 8392 Sched. Arrive: 16,600

GROSS: TARE: 24,380

NET: 21.11

SPECIAL INST.:

BILLING:

COMPANY NAME:

ADDRESS:

CITY: ST: ZIP CODE:

TELEPHONE:

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

1/31/12 1635

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046421

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052348372
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No 7012

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 6

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 68,100 KGS: 30,926
Tare LBS: 25,600 KGS: 11,612
Net LBS: 42,500 KGS: 19,314

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.290	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	21.290	TON
Cumul Daily Qty		171.700				

Additional delivery or stocking instructions: #45651

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MK Date: 1-31-12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

084

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45651

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAGP

TITLE: AGENT FOR U.S. NAVY | DATE OF SHIPMENT: 1-31-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

OSNIEL TAHIAO

TITLE | DATE OF SHIPMENT: 1-31-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 1/31/12

TITLE | DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 7012 | Sched. Arrive 6&.180

GROSS | TARE

NET 25,600

SPECIAL INST. 21.29

BILLING: 1/31

COMPANY NAME

ADDRESS 16:37

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-7424215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046422

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052348376
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No 211

Delivery Due Time: _____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 9

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DSL
Ship Unit:2026813

Gross LBS: 69,940
Tare LBS: 25,780
Net LBS: 44,160

KGS: 31,725
KGS: 11,694
KGS: 20,031

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.000	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	22.000	TON
Cumul Daily Qty		193.780				

Additional delivery or stocking instructions: # 45652

Loader check _____
Driver check _____

Received In Good Order And Accepted By: mik **Date:** 2-7-12

Delivered/Drop Shipped By: **Date:**

MSDS PROVIDE UPON REQUEST

085

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45652

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est.	20	DT

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAOP [signature]

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 1-31-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

[signature]

TITLE: Luis Perez

DATE OF SHIPMENT: 1-31-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/1/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 211 Sched. Arrive 69.940

GROSS TARE

NET 25.780

SPECIAL INST. 22.08

BILLING: [signature] 2/1/12

COMPANY NAME 0601

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046423

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052348379
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 333

Delivery Duo Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 10

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 69,080 KGS: 30,861
Tare LBS: 24,580 KGS: 11,149
Net LBS: 43,500 KGS: 19,732

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.750	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	21.750	TON
Cumul Daily Qty		215.530				

45653

Additional delivery or stocking instructions: _____

Loader check _____
Driver check _____

Received In Good Order And Accepted By: _____ **Date:** 2-1-12

Delivered/Drop Shipped By: _____ **Date:** _____

MSDS PROVIDE UPON REQUEST

086

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45653

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: Agent For U.S. NAVY DATE OF SHIPMENT: 1-31-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Andres Mesa

TITLE: Encargado Yard. DATE OF SHIPMENT: 1-31-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/1/12

TITLE DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 333 Sched. Arrive

GROSS TARE 68,080

NET 24,580

SPECIAL INST. 21.75

BILLING: 2/1/12

COMPANY NAME 0602

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046424

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052348382
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 2050

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 11

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 68,000 KGS: 30,845
Tare LBS: 25,680 KGS: 11,640
Net LBS: 42,320 KGS: 19,196

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.160	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	21.160	TON
Cumul Daily Qty		236.690				

Additional delivery or stocking instructions: #45654

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: Date: 2-1-12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

087

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45654

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: Agent For U.S. Navy

DATE OF SHIPMENT: 1-31-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Jorge Barreto

DATE OF SHIPMENT: 1-31-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/1/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER:

Sched. Arrive

TRUCK: 2050

Sched. Arrive 68000

GROSS

TARE

NET 25,680

SPECIAL INST. 21.16

2/1/12

BILLING:

COMPANY NAME

ADDRESS 0600

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046425

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052348383
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 259

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 12

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit: 2026813

Gross LBS: 69,780 KGS: 31,652
Tare LBS: 24,160 KGS: 10,959
Net LBS: 45,620 KGS: 20,693

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.810	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	22.810	TON
Cumul Daily Qty		259.500				

Additional delivery or stocking instructions: mfst. 45655

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTC Date: 2-1-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

088

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45655

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Faber Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: Agent For U.S. Navy

DATE OF SHIPMENT: 1-31-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Hector Rodriguez

TITLE

DATE OF SHIPMENT: 1-31-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/1/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER:

Sched. Arrive

TRUCK: 259

Sched. Arrive 6:30

GROSS

TARE

NET 22.81

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046426

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052348386
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 727

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 13

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit: 2026813

Gross LBS: 67,240 KGS: 30,500
Tare LBS: 25,600 KGS: 11,612
Net LBS: 41,640 KGS: 18,888

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.820	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	20.820	TON
Cumul Daily Qty		200.320				

#45656

Additional delivery or stocking instructions: _____

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTR Date: 2/1/12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

089

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45656

JM 22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumroop

TITLE: Agent For U.S. Navy

DATE OF SHIPMENT: 1-31-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Abiel Meleros

TITLE:

DATE OF SHIPMENT: 1-31-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/1/12

TITLE:

DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 927 Sched. Arrive

GROSS: 67,240 TARE

NET: 25,600

SPECIAL INST.: 20.82

BILLING: 2/1

COMPANY NAME: 0828

ADDRESS

CITY: ST: ZIP CODE:

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046427

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052346394
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 8392

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046816
Job#:
Load#: 14

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 65,280 KGS: 29,611
Tare LBS: 24,760 KGS: 11,231
Net LBS: 40,520 KGS: 18,380

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.260	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	20.260	TON
Cumul Daily Qty		300.580				

Additional delivery or stocking instructions: # 45658

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTR Date: 2-1-12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

091

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45658

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 2-1-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Luis Aguiar

TITLE:

DATE OF SHIPMENT: 2-1-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/1/12

TITLE:

DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 8392 Sched. Arrive 6:30

GROSS TARE

NET 24760

SPECIAL INST. 20:26

BILLING: 2/1/12

COMPANY NAME

ADDRESS 1259

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046428

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052348398
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI Fl. 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 1233

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 15

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 65,760 KGS: 29,829
Tare LBS: 25,880 KGS: 11,739
Net LBS: 39,880 KGS: 18,090

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
19.940	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	19.940	TON
Cumul Daily Qty		320.520				

Additional delivery or stocking instructions: # 45659

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MR Date: 2-1-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

092

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45659

TMZZ

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled end are in proper condition for transporting according to the applicable regulations of the U.S. Department of Tranaportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAOP

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 2-1-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

BERTO LORENZO

TITLE:

DATE OF SHIPMENT: 2-1-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/1/12

TITLE:

DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 233 Sched. Arrive 05,760

GROSS TARE

NET 25,880

SPECIAL INST. 19.94

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

2/1/12 1157

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046429

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052348399
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 986

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 16

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit: 2026813

Gross LBS: 66,540 KGS: 30,183
Tare LBS: 25,760 KGS: 11,685
Net LBS: 40,780 KGS: 18,498

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.390	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	20.390	TON
Cumul Daily Qty		340.910				

Additional delivery or stocking instructions: mfst. 45660

Loader check _____
Driver check _____

Received In Good Order And Accepted By: mTR Date: 2-1-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

093

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45660

JM 22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est.	20	DT

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 2-1-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

José L Barreto

TITLE: José L Barreto

DATE OF SHIPMENT: 2-1-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/1/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER:

Sched. Arrive

TRUCK: 986

Sched. Arrive 16,540

GROSS

TARE 25,760

NET

SPECIAL INST. 20.39

BILLING: 2/1/12

COMPANY NAME 1337

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046430

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052368402
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 3811

Delivery Due Time: _____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 17

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 65,720 KGS: 29,811
Tare LBS: 24,560 KGS: 11,140
Net LBS: 41,160 KGS: 18,670

Shipping Instructions:
US NAVY-PARCEL X 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.580	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	20.580	TON
Cumul Daily Qty		361.490				

Additional delivery or stocking instructions: mfst. 45601

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MPK Date: 2-1-12

Delivered/Drop Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

094

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45661

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packeged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 2-1-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE

DATE OF SHIPMENT: 2-1-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/1/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER:

Sched. Arrive

TRUCK: 3811

Sched. Arrive 6:30

GROSS

TARE 24,560

NET 20.58

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046431

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052348404
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 7011

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 18

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit: 2026813

Gross LBS: 65,460 KGS: 29,693
Tare LBS: 25,200 KGS: 11,431
Net LBS: 40,260 KGS: 18,262

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.130	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	20.130	TON
Cumul Daily Qty		381.620				

Additional delivery or stocking instructions: # 45662

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MMC Date: 2-1-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

095

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45662

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY | DATE OF SHIPMENT: 2-1-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for trensport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Juan Amigo | DATE OF SHIPMENT: 2-1-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/1/12

TITLE | DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 701 | Sched. Arrive 65,460

GROSS | TARE

NET 25,200

20.13

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

Apr 2/1/12

1455

EMERGENCY AND SPILL ASSISTANCE Call:

SWS - 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046432

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052348405
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 1721

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 19

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit: 2026813

Gross LBS:	65,680	KGS: 29,792
Tare LBS:	22,960	KGS: 10,415
Net LBS:	42,720	KGS: 19,378

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.360	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	21.360	TON
Cumul Daily Qty		602.980				

Additional delivery or stocking instructions: mfst. # 45663

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTR Date: 2-1-12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

096

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45663

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20		DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dunlap

TITLE: Agent for U.S. Navy | DATE OF SHIPMENT: 2-1-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Osman. Mary | DATE OF SHIPMENT: 2-1-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/1/12

TITLE | DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 1721 | Sched. Arrive 65,080

GROSS | TARE

NET 22,960

SPECIAL INST. 21.36

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046433

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052348406
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 7012

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 20

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 65,540 KGS: 29,729
Tare LBS: 25,740 KGS: 11,676
Net LBS: 39,800 KGS: 18,053

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
19.900	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	19.900	TON
Cumul Daily Qty		422.880				

Additional delivery or stocking instructions: mfst. 45664

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTR Date: 2-1-12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

097

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45664

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is propertly classified, described, packeged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaup [signature]

TITLE: Agent for U.S. Navy

DATE OF SHIPMENT: 2-1-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to tha treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Osniel Semino

TITLE: [signature]

DATE OF SHIPMENT: 2-1-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/1/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 7012 Sched. Arrive 65,540

GROSS TARE

NET 25,740

SPECIAL INST. 19.90

BILLING: [signature] 2/1/12

COMPANY NAME 14:59

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046434

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052348410
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 211

Delivery Due Time: _____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 21

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026013

Gross LBS: 68,500 KGS: 31,072
Tare LBS: 25,520 KGS: 11,576
Net LBS: 42,980 KGS: 19,496

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.490	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	21.490	TON
Cumul Daily Qty		444.370				

Additional delivery or stocking instructions: # 456665

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 2-1-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

H 68500
L 25520

098

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45665

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est.	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 2-1-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Luis Perez — DATE OF SHIPMENT: 2-1-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: DMTR — DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER: — Sched. Arrive

TRUCK: 211 — Sched. Arrive

GROSS — TARE

NET: 21.49

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046435

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052348413
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 333

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 22

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit: 2026813

Gross LBS: 68,460 KGS: 31,053
Tare LBS: 24,260 KGS: 11,004
Net LBS: 44,200 KGS: 20,049

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.100	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	22.100	TON
Cumul Daily Qty		466.470				

Additional delivery or stocking instructions: mfst. 45666

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTL Date: 2-1-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

H 68460
L 24260

0099

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45666

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumard [signature]

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 2-1-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Andres Mesa

TITLE: [signature]

DATE OF SHIPMENT: 2-1-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

[signature]

TITLE: MTR

DATE OF SHIPMENT: 2-1-12

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 333 Sched. Arrive

GROSS 68460 TARE

NET

SPECIAL INST. 22.10

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046436

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052348415
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 2050

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 23

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit: 2026813

Gross LBS: 67,960 KGS: 30,827
Tare LBS: 25,460 KGS: 11,549
Net LBS: 42,500 KGS: 19,278

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.250	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	21.250	TON
Cumul Daily Qty		487.720				

Additional delivery or stocking instructions: mfst. 45667

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MK Date: 2-1-12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

H 67960
L. 25460

100

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45667

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY | DATE OF SHIPMENT: 2-1-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Driver | DATE OF SHIPMENT: 2-1-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE | DATE OF SHIPMENT: 2-1-12

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 2050 | Sched. Arrive

GROSS 67960 | TARE

NET 25460

SPECIAL INST. 21.25

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046437

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052348416
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 259

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 24

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026913

Gross LBS: 70,040 KGS: 31,770
Tare LBS: 24,120 KGS: 10,941
Net LBS: 45,920 KGS: 20,829

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.960	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	22.960	TON
Cumul Daily Qty		510.680				

Additional delivery or stocking instructions: mfst. 45670

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: mm Date: 2/2/12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

103

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45670

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: ~~US NAVY - Parcel K~~	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: ~~4130 Fabor Place Drive, Suite 202~~	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: ~~N Charleston~~ ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: ~~843-743-2124~~	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O:	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dunrop

TITLE | DATE OF SHIPMENT: 2-1-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Hector Rodriguez

TITLE | DATE OF SHIPMENT: 2-1-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/2/12

TITLE | DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 259 | Sched. Arrive 70,000

GROSS | TARE

NET 24,120

SPECIAL INST. 22-96

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SHS: 877-742-4215

2/2 07:08

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

Customer Service Center: 1-305-225-1423

046438

CEMEX

Delivery Ticket#: 8052360019
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 211

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 1

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 65,360 KGS: 29,647
Tare LBS: 25,240 KGS: 11,449
Net LBS: 40,120 KGS: 18,198

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.060	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	20.060	TON
Cumul Daily Qty		20.060				

Additional delivery or stocking instructions: #45669

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTY Date: 2/2/12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

102

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45669

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaup

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 2-1-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Luis A Perez

TITLE:

DATE OF SHIPMENT: 2-1-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria D. Rodriguez 2/2/12

TITLE:

DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER: Sched. Arrive:

TRUCK: 2111 Sched. Arrive: 65,360

GROSS: TARE: 25,240

NET: 20.06

SPECIAL INST.:

BILLING:

COMPANY NAME:

ADDRESS:

CITY: ST: ZIP CODE:

TELEPHONE:

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

2/2/12 0940

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046439

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360021
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 1836

Delivery Due Time: _____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 2

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 68,920 KGS: 31,262
Tare LBS: 26,700 KGS: 12,111
Net LBS: 42,220 KGS: 19,151

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.110	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	21.110	TON
Cumul Daily Qty		41.170				

Additional delivery or stocking instructions: #45671

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTK Date: 2/2/12

Delivered/Drop Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

104

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45671

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: ~~N.Charleston~~ / ST.: SC / ZIP CODE: 29405	CITY: HIALEAH / ST.: FL / ZIP CODE: 33016	CITY: MIAMI / ST.: FL / ZIP CODE: 33182
TELEPHONE: ~~843-742-2124~~	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE	DATE OF SHIPMENT
AGENT FOR U.S. NAVY	2-2-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE	DATE OF SHIPMENT
Ignacio Urquiza	2-2-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/2/12

TITLE	DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 1836 Sched. Arrive

GROSS TARE 68,920

NET 26,700

SPECIAL INST. 21.11

2/2/12

BILLING:

COMPANY NAME

ADDRESS 12:40

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046440

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360026
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 986

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 3

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 69,740 KGS: 31,634
Tare LBS: 25,680 KGS: 11,648
Net LBS: 44,060 KGS: 19,986

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.030	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	22.030	TON
Cumul Daily Qty		63.200				

Additional delivery or stocking instructions: # 45672

Loader check _____
Driver check _____

Received In Good Order And Accepted By: mtc Date: 2/2/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

105

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45672

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAS

TITLE: AGENT FOR U.S. NAVY | DATE OF SHIPMENT: 2-2-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Jose L Barreto

TITLE: Jose L Barreto | DATE OF SHIPMENT: 2-12-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/2/12

TITLE | DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 986 | Sched. Arrive 69.748

GROSS | TARE

NET 25680

SPECIAL INST. 22.03

2/2/12

BILLING:

COMPANY NAME

ADDRESS 1350

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS : 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046441

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360026
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 333

Delivery Due Time:_____
Carrier# 4 Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 4

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 60,300 KGS: 31,200
Tare LBS: 24,300 KGS: 11,022
Net LBS: 44,500 KGS: 20,185

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.250	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	22.250	TON
Cumul Daily Qty		85.450				

Additional delivery or stocking instructions: # 45673

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 2/2/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

10c

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45673

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dunaup

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 2-2-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Andrea Klosa

TITLE

DATE OF SHIPMENT: 2-2-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/2/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 333 Sched. Arrive 08:500

GROSS TARE

NET 24,300

22.25

SPECIAL INST.

BILLING: 2/2/12

COMPANY NAME

ADDRESS 1420

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877 742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

Customer Service Center: 1-305-225-1423

CEMEX

046442

Delivery Ticket#: 8052360033
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33162

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 211

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 5

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit: 2026813

Gross LBS: 69,160 KGS: 31,371
Tare LBS: 25,540 KGS: 11,585
Net LBS: 43,620 KGS: 19,786

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.810	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	21.810	TON
Cumul Daily Qty		107.260				

Additional delivery or stocking instructions: # 45674

Loader check _____
Driver check _____

Received In Good Order And Accepted By: [signature] Date: 2/2/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

107

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45674

JMZZ

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAOP

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 2-2-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: DIS Resp

DATE OF SHIPMENT: 2-2-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Mario Rodriguez 2/2/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER:

Sched. Arrive

TRUCK: 211

Sched. Arrive 69,160

GROSS

TARE

NET 25,15 of 21.89

SPECIAL INST.

2/2/12 14:20

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS - 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046443

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360078
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 910

Delivery Due Time:_____
Carrier$ & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 6

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 69,260 KGS: 31,416
Tare LBS: 23,940 KGS: 10,859
Net LBS: 45,320 KGS: 20,557

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.660	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	22.660	TON
Cumul Daily Qty		129.920				

Additional delivery or stocking instructions: # 45675

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MK Date: 2/2/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

108

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45675

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dunnagan

TITLE: AGENT FOR U.S. NAVY | DATE OF SHIPMENT: 2-2-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Gilberto Cabrera

TITLE | DATE OF SHIPMENT: 2-2-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/2/12

TITLE | DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 910 | Sched. Arrive 69,260

GROSS | TARE

NET 23,940

SPECIAL INST. 22.66

BILLING: 2/2/12

COMPANY NAME

ADDRESS 1557

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046444

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360101
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 4250

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 7

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 68,840 KGS: 31,226
Tare LBS: 25,420 KGS: 11,531
Net LBS: 43,420 KGS: 19,695

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.710	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	21.710	TON
Cumul Daily Qty		151.630				

Additional delivery or stocking instructions: # 45676

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MMR Date: 2/2/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

109

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45676

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 2-2-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

ERNESTO PEREZ

TITLE

DATE OF SHIPMENT: 2-02-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Mana Rodriguez 2/0/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 4250 Sched. Arrive

GROSS 68,840 TARE

NET 25,420

SPECIAL INST. 21.71

BILLING: 2/2/12

COMPANY NAME

ADDRESS 1555

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046445

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360128
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 490

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 8

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 75,660 KGS: 34,319
Tare LBS: 25,120 KGS: 11,394
Net LBS: 50,540 KGS: 22,925

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
25.270	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	25.270	TON
Cumul Daily Qty		176.900				

45677

Additional delivery or stocking instructions: _____

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: _____ Date: 2/3/12

Delivered/Drop
Shipped By: _____ Date:

MSDS PROVIDE UPON REQUEST

110

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45677

JMZZ

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-742-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 2-02-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: NESTOR CLAVERIA — DATE OF SHIPMENT: 2-2-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE — DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: — Sched. Arrive

TRUCK: 4990 — Sched. Arrive

GROSS — TARE 75,660

NET 25,120 25.27

SPECIAL INST.

BILLING: 2/3/12

COMPANY NAME 0642

ADDRESS

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046446

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360138
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 259

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 9

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.570	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	22.570	TON
Cumul Daily Qty		199.470				

Additional delivery or stocking instructions: MSF-445618

Loader check _____
Driver check _____

Received In Good Order And Accepted By: _____ Date: 2/3/12

Delivered/Drop Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

111

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45678

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumap

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 2-2-12

TRANSPORTER

This is to certify the ecceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Hector Rodriguez

TITLE: T Rosa — DATE OF SHIPMENT: 2-2-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts end descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE — DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: — Sched. Arrive

TRUCK: 259 — Sched. Arrive 69.240

GROSS — TARE

NET 24,100

SPECIAL INST. 22.57

2/3/12

BILLING:

COMPANY NAME 0702

ADDRESS

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046447

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360139
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 2093

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 10

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 67,980 KGS: 30,836
Tare LBS: 26,880 KGS: 12,193
Net LBS: 41,100 KGS: 18,643

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.550	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	20.550	TON
Cumul Daily Qty		220.020				

Additional delivery or stocking instructions: # 45679

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MDL Date: 2/3/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

112

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45679

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION

MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	REMARKS
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAS

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 2-2-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE

DATE OF SHIPMENT: 2-2-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 2093 Sched. Arrive 67.960

GROSS TARE

NET 26.880

SPECIAL INST. 20.55

Apr 2/3

0619

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046448

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360145
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 927

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 11

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit: 2026013

Gross LBS: 68,860 KGS: 31,235
Tare LBS: 25,540 KGS: 11,585
Net LBS: 43,320 KGS: 19,650

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.660	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	21.660	TON
Cumul Daily Qty		241.680				

Additional delivery or stocking instructions: mfst. 45680

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 2/3/12

Delivered/Drop Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

113

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45680

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 2-2-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Abiel Medenos

TITLE — DATE OF SHIPMENT: 2-2-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE — DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: — Sched. Arrive

TRUCK: 927 — Sched. Arrive 6 8 60

GROSS — TARE 25,540

NET 21.66

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

2/3/12 0615

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046449

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360146
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 2111

Delivery Due Time: _____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 12

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 67,260 KGS: 30,509
Tare LBS: 25,280 KGS: 11,467
Net LBS: 41,980 KGS: 19,042

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.990	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	20.990	TON
Cumul Daily Qty		262.670				

Additional delivery or stocking instructions: #45681

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTK Date: 2/3/12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

114

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45681

JM 22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est.	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 2-2-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Luis A Perez

TITLE

DATE OF SHIPMENT: 2-2-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2-2-12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER:

Sched. Arrive

TRUCK: 211

Sched. Arrive 67,260

GROSS

TARE

NET 25,280

SPECIAL INST. 20.99

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046450

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360147
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No:_____

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 13

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 69,560 KGS: 31,552
Tare LBS: 25,680 KGS: 11,648
Net LBS: 43,880 KGS: 19,904

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.940	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	21.940	TON
Cumul Daily Qty		284.619				

Additional delivery or stocking instructions: # 45682

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 2/3/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

115

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45682

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20		DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY Dumaop

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 2-2-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Jorge Bonet

DATE OF SHIPMENT: 2-2-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 2050 Sched. Arrive

GROSS TARE 69,560

NET 25,680

SPECIAL INST. 21.94

BILLING: 2/3/12

COMPANY NAME

ADDRESS 0555

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046451

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360152
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 282

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 14

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026013

Gross LBS: 69,040 KGS: 31,317
Tare LBS: 24,380 KGS: 11,059
Net LBS: 44,660 KGS: 20,258

Shipping Instructions:
US NAVY-PARCEL X 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.330	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	22.330	TON
Cumul Daily Qty		306.940				

#45684

Additional delivery or stocking instructions: _____

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: _____ Date: 2/3/12

Delivered/Drop
Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

+117
114

DOCUMENT NO. 45684

TM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumap

TITLE: Agent For U.S. Navy

DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Ruben Rodriguez

DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 282 Sched. Arrive

GROSS 69,540

TARE

NET 24,380

22.33

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877 7424215

2/3/12 12:41

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046452

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360153
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 2605

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 15

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 67,780 KGS: 30,745
Tare LBS: 24,680 KGS: 11,195
Net LBS: 43,100 KGS: 19,550

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.550	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	21.550	TON
Cumul Daily Qty		328.490				

45685

Additional delivery or stocking instructions: _____

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MT Date: 2/3/12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

~~118~~
117

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45685

JM22

GENERATOR			TRANSPORTER			RECEIVING FACILITY		
COMPANY NAME: US NAVY - Parcel K			COMPANY NAME: METRO TRUCKING			COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES		
ADDRESS: 4130 Fabor Place Drive, Suite 202			ADDRESS: 2225 W. 78 STREET			ADDRESS: 1200 N.W. 137TH AVENUE		
CITY: N Charleston	ST.: SC	ZIP CODE: 29405	CITY: HIALEAH	ST.: FL	ZIP CODE: 33016	CITY: MIAMI	ST.: FL	ZIP CODE: 33182
TELEPHONE: 843-743-2124			TELEPHONE: 305-824-1423			TELEPHONE: 305-225-1423		
CONTACT: Mark E. Davidson			CONTACT: ID NO: WT 0900 76			CONTACT:		
I.D. NO.:			I.D. NO.:			I.D. NO.: FLD981758485		
CUST. P.O.			M.S. NO.:					

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Tranaportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: Agent For U.S. Navy

DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Javier Santana

DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER:

Sched. Arrive

TRUCK: 2605

Sched. Arrive 67,780

GROSS

TARE

NET 24,680

21.55

SPECIAL INST.

2/3/12

BILLING:

COMPANY NAME

1255

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046453

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360154
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 1233

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 16

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DBL
Ship Unit: 2025813

Gross LBS: 68,200 KGS: 30,936
Tare LBS: 25,460 KGS: 11,549
Net LBS: 42,740 KGS: 19,387

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.370	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	21.370	TON
Cumul Daily Qty		349.860				

Additional delivery or stocking instructions: # 456086

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: mxl Date: 2/2/12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

118

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45686

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packeged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumas

TITLE: Agent for U.S. Navy

DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Beto Lorenzo

TITLE:

DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 1233 Sched. Arrive 68,200

GROSS TARE

NET 25,460

21.37

SPECIAL INST.

BILLING: 2/3/12

COMPANY NAME

ADDRESS 12 12

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046454

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360156
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 8392

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 17

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 68,320 KGS: 30,990
Tare LBS: 24,540 KGS: 11,131
Net LBS: 43,780 KGS: 19,859

Shipping Instructions:
US NAVY-PARCEL K 4130 FADER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.890	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	21.890	TON
Cumul Daily Qty		371.750				

Additional delivery or stocking instructions: CA 45687

Loader check _____
Driver check _____

Received In Good Order And Accepted By: Date: 2-3-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

~~120~~ 119

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45687

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumas

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Luis Aguirre

TITLE

DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 8392 Sched. Arrive 12:15

GROSS TARE 68,320

NET 24,540 21.89

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SLS 877-742-4215

2/3/12

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046455

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360157
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 7012

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 16

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 70,460 KGS: 31,961
Tare LBS: 25,560 KGS: 11,594
Net LBS: 44,900 KGS: 20,367

Shipping Instructions:
US NAVY-PARCEL K-4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.450	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	22.450	TON
Cumul Daily Qty		394.200				

#45688

Additional delivery or stocking instructions: _____

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: _____ Date: 2/3/12

Delivered/Drop
Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

120

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45688

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Ariel Soliano

TITLE: — DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE — DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: — Sched. Arrive

TRUCK: ~~1233~~ 7012 — Sched. Arrive

GROSS: 70460 — TARE:

NET: 25,560 22.45

SPECIAL INST.

2/3/12 12:15

BILLING:

COMPANY NAME

ADDRESS

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046456

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360159
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8426
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 986

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 19

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS:	71,300	KGS: 32,568
Tare LBS:	25,740	KGS: 11,676
Net LBS:	46,060	KGS: 20,893

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
23.030	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	23.030	TON
Cumul Daily Qty		417.230				

Additional delivery or stocking instructions: mfst. 45689

Loader check _____
Driver check _____

Received In Good Order And Accepted By: _____ **Date:** 2/3/12

Delivered/Drop Shipped By: _____ **Date:** _____

MSDS PROVIDE UPON REQUEST

121

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45689

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAS

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

José L Barreto

TITLE: José L Barreto — DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE — DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: — Sched. Arrive

TRUCK: 986 — Sched. Arrive 7:800

GROSS — TARE

NET 25,740

SPECIAL INST. 23.03

BILLING:

COMPANY NAME

ADDRESS 2/3/12 1253

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877 742 4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046457

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360160
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 3811

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 20

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 68,320 KGS: 30,990
Tare LBS: 24,560 KGS: 11,140
Net LBS: 43,760 KGS: 19,850

Shipping Instructions:
US NAVY-PARCEL X 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.880	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	21.880	TON
Cumul Daily Qty		439.110				

Additional delivery or stocking instructions: mfst. 45691

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 2/3/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

123

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45691

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est.	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumas

TITLE: Agent For U.S. Navy | DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Juan C Cardoso

TITLE | DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE | DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 3811 | Sched. Arrive 6:30

GROSS | TARE 68,320

NET 24,560 21.88

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877.742.4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046458

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360161
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 1721

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 21

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 68,340 KGS: 30,999
Tare LBS: 23,020 KGS: 10,442
Net LBS: 45,320 KGS: 20,557

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.660	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	22.660	TON
Cumul Daily Qty		461.770				

Additional delivery or stocking instructions: # 45692

Loader check _____
Driver check _____

Received In Good Order And Accepted By: _____ Date: 2/3/12

Delivered/Drop Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

124

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45692

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est.	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dunlap

TITLE: Agent For US Navy

DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Osman Marquez

TITLE:

DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE:

DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 172 Sched. Arrive

GROSS: TARE: 68,340

NET: 23,020 22.66

SPECIAL INST.:

BILLING:

COMPANY NAME:

ADDRESS:

CITY: ST: ZIP CODE:

TELEPHONE:

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046459

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360163
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 600

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 22

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS:	69,840	KGS: 31,679
Tare LBS:	25,100	KGS: 11,385
Net LBS:	44,740	KGS: 20,294

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.370	TON	1,000.000	1031451	PETRO SOILS EXTERNAL BULK	22.370	TON
Cumul Daily Qty		484.140				

45693

Additional delivery or stocking instructions: _____

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: _____ Date: 2/3/12

Delivered/Drop
Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

125

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45693

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaup [signature]

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Heliodoro Estevez

TITLE: [signature] — DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE — DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: [signature] — Sched. Arrive

TRUCK: 600 — Sched. Arrive 69,840

GROSS — TARE

NET 25,100

SPECIAL INST. 22.37

BILLING: [signature] 2/3/12

COMPANY NAME

ADDRESS 1228

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046460

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360168
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 4954

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 23

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 69,140 KGS: 31,362
Tare LBS: 26,600 KGS: 12,066
Net LBS: 42,540 KGS: 19,296

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.270	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	21.270	TON
Cumul Daily Qty		505.410				

Additional delivery or stocking instructions: mfst. 45694

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 2/7/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

126

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45694

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dunlap

TITLE: Agent For U.S. Navy

DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Felix Cabeiro

TITLE: Felix Cabeiro

DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 4954 Sched. Arrive 69,140

GROSS TARE 26,600

NET 21.27

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

2/3/12 1227

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

U46401

ustomer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360169
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 1218

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 24

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 63,240 KGS: 28,686
Tare LBS: 26,140 KGS: 11,857
Net LBS: 37,100 KGS: 16,829

Shipping Instructions:
US NAVY-PARCEL E 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
18.550	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	18.550	TON
Cumul Daily Qty		523.960				

#45695

Additional delivery or stocking instructions: _____

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTR Date: 2/3/12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

127

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45695

JM 22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumagp

TITLE: AGENT FOR U.S. NAVY | DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Luis G SALAZAR

TITLE: Louis Salazar | DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE | DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 1218 | Sched. Arrive 63,240

GROSS | TARE 26,148

NET 18.55

SPECIAL INST.

BILLING: Inv 2/13

COMPANY NAME

ADDRESS 1250

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877 742 4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046462

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360170
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 317

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 25

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 70,560 KGS: 32,006
Tare LBS: 25,880 KGS: 11,739
Net LBS: 44,680 KGS: 20,267

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.340	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	22.340	TON
Cumul Daily Qty		546.300				

#45696

Additional delivery or stocking instructions: _____

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTR Date: 2/3/12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

128

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45696

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est.	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY Dunlap

TITLE: AGENT FOR U.S. NAVY | DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

GUILLERMO

TITLE: GCD | DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE | DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 317 | Sched. Arrive 7056D

GROSS | TARE

NET 25,880 22.34

SPECIAL INST.

BILLING: 2/3/12 1527

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046463

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360172
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 316

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016040616
Job#:
Load#: 26

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026013

Gross LBS: 71,900 KGS: 32,614
Tare LBS: 25,660 KGS: 11,639
Net LBS: 46,240 KGS: 20,974

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
23.120	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	23.120	TON
Cumul Daily Qty		569.420				

Additional delivery or stocking instructions: #45697

Loader check _____
Driver check _____

Received In Good Order And Accepted By: [signature] Date: 2/3/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

129

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45697

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION

MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	REMARKS
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: ERIC SIMEON — DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE — DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: — Sched. Arrive

TRUCK: 316 — Sched. Arrive 7:00

GROSS — TARE

NET 25.660 / 23.12

SPECIAL INST.

BILLING: 2/3/12

COMPANY NAME

ADDRESS 1552

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046464

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360175
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 026

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 27

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit: 2026813

Gross LBS: 68,420 KGS: 31,035
Tare LBS: 24,700 KGS: 11,204
Net LBS: 43,720 KGS: 19,831

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.860	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	21.860	TON
Cumul Daily Qty		591.280				

Additional delivery or stocking instructions: # 45698

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTK Date: 2/3/12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

130

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45698

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est.	20	DT

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumas

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: MICHAEL LANGEL — DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE — DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: — Sched. Arrive

TRUCK: 026 — Sched. Arrive 6:30

GROSS — TARE

NET 24,700

SPECIAL INST. 21.86

BILLING: 2/3/12

COMPANY NAME

ADDRESS 1540

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046465

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 80523601?6
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No:_____

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 29

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 69,040 KGS: 31,317
Tare LBS: 25,040 KGS: 11,358
Net LBS: 44,000 KGS: 19,958

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.000	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	22.000	TON
Cumul Daily Qty		613.280				

Additional delivery or stocking instructions: # 45699

Loader check _____
Driver check _____

Received In Good Order And Accepted By: _____ **Date:** 2/3/12

Delivered/Drop Shipped By: _____ **Date:** _____

MSDS PROVIDE UPON REQUEST

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45699

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est. 20	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumsop

TITLE	DATE OF SHIPMENT
AGENT FOR U.S. NAVY	2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE	DATE OF SHIPMENT
Leonel Garcia	2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE	DATE OF SHIPMENT

DISPATCH INFO:

DRIVER:	Sched. Arrive 69,040
TRUCK: 130	Sched. Arrive
GROSS	TARE 25,040
	NET 22.00
SPECIAL INST.	
BILLING:	2/3/12
COMPANY NAME	16:37
ADDRESS	
CITY / ST / ZIP CODE	
TELEPHONE	
DISCREPANCY INFO:	

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046466

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360178
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 333

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 29

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 68,840 KGS: 31,226
Tare LBS: 24,280 KGS: 11,013
Net LBS: 44,560 KGS: 20,212

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.280	TON	1,400.000	1031651	PETRO SOILS EXTERNAL BULK	22.280	TON
Cumul Daily Qty		635.560				

Additional delivery or stocking instructions: #45683

Loader check _____
Driver check _____

Received In Good Order And Accepted By: _____ **Date:** 2/3/12

Delivered/Drop Shipped By: _____ **Date:** _____

MSDS PROVIDE UPON REQUEST

132

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 45683

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Drive, Suite 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: Mark E. Davidson	CONTACT: ID NO: WT 0900 76	CDNTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			est.	20	DT

GENERATOR

This is to certify that the above named material is propertly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Andres Mesa

TITLE: Crew Lead — DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE — DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: — Sched. Arrive

TRUCK: 333 — Sched. Arrive 68,840

GROSS — TARE 24,280

NET 22.28

SPECIAL INST.

BILLING: 2/3/12

COMPANY NAME

ADDRESS 1522

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046467

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360189
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No:_____

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016045516
Job#:
Loads: 30

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 69,720 KGS: 31,625
Tare LBS: 24,680 KGS: 11,195
Net LBS: 45,040 KGS: 20,430

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.520	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	22.520	TON
Cumul Daily Qty		658.080				

44108

Additional delivery or stocking instructions: _____

Loader check _____
Driver check _____

Received In Good Order And Accepted By: _____ **Date:** 2/3/12

Delivered/Drop Shipped By: _____ **Date:** _____

MSDS PROVIDE UPON REQUEST

133

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 44108

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Panel K	COMPANY NAME: Metro Trucking	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4310 Fabor Place Dr. Suite 202	ADDRESS: 2225 W. 78 St.	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N. Charleston / ST.: SC / ZIP CODE: 29405	CITY: Hialeah / ST.: FL / ZIP CODE: 33016	CITY: MIAMI / ST.: FL / ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: MARK E. DAVIDSON	CONTACT: ID# INT 09007L	CONTACT:
I.D. NO.:	I.D. NO.:	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			EST 20 T	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: RAFAEL BRAVO — DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE — DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: R. BRAVO — Sched. Arrive

TRUCK: 932 — Sched. Arrive 69720

GROSS — TARE

NET 24680

22.52

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

2/3/12 14:18

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046468

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360190
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No 211

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 31

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 67,980 KGS: 30,836
Tare LBS: 24,960 KGS: 11,322
Net LBS: 43,020 KGS: 19,514

Shipping Instructions:
US NAVY-PARCEL K 4139 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.510	TON	1,400.000	1031451	EKTRO SOILS EXTERNAL BULK	21.510	TON
Cumul Daily Qty		679.590				

Additional delivery or stocking instructions: #44109

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: _____ Date: 2/3/12

Delivered/Drop
Shipped By: _____ Date: _____

MSDS PROVIDE UPON REQUEST

134

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 44109

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - PANCEL K	COMPANY NAME: METRO Trucking	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 FARBER PLACE DR SUITE 202	ADDRESS: 2225 N. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N. CHARLESTON ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305 8241423	TELEPHONE: 305-225-1423
CONTACT: MARK DAVIDSON	CONTACT:	CONTACT:
I.D. NO.:	I.D. NO.: WT 090076	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION

MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	REMARKS
NOIV - HAZ SOIL			EST. 20T	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR US NAVY — DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Luis A Perez — DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE — DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: — Sched. Arrive:

TRUCK: 2111 — Sched. Arrive: 6?,980

GROSS — TARE

NET: 24,960

SPECIAL INST.: 21.51

BILLING: Apv 2/3/12

COMPANY NAME: 45 day

ADDRESS

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

Customer Service Center: 1-305-225-1423

CEMEX

046469

Delivery Ticket#: 8052360191
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 211

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016946616
Job#:
Load#: 32

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 67,900 KGS: 30,799
Tare LBS: 25,480 KGS: 11,558
Net LBS: 42,420 KGS: 19,242

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.210	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	21.210	TON
Cumul Daily Qty		700.000				

Additional delivery or stocking instructions: # 4410

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: Date: 2/3/12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

135

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 44110

JM27

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - PARCEL K	COMPANY NAME: METRO Trucking	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 FABIAN PLACE DR. SUITE 202	ADDRESS: 2225 W. 78 ST.	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N. CHARLESTON ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: MARK DAVIDSON	CONTACT:	CONTACT:
I.D. NO.:	I.D. NO.: NT090076	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			EST 20 T	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAOP

TITLE: AGENT FOR US NAVY

DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Luis Perez

DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named materiel in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 211 Sched. Arrive 67.700

GROSS TARE

NET 25,480

SPECIAL INST. 21.21

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

2/3/12 1543

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046470

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360197
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 927

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 33

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 69,480 KGS: 31,516
Tare LBS: 25,280 KGS: 11,467
Net LBS: 44,200 KGS: 20,049

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.100	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	22.100	TON
Cumul Daily Qty		722.900				

Additional delivery or stocking instructions: mist. 44111

Loader check _____
Driver check _____

Received In Good Order And Accepted By: _____ **Date:** 2/3/12

Delivered/Drop Shipped By: _____ **Date:** _____

MSDS PROVIDE UPON REQUEST

136

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 44111

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - PARCEL K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 FABER PLACE DR. SUITE 202	ADDRESS: 2225 W. 76 ST.	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N. CHARLESTON ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305 824 1423	TELEPHONE: 305-225-1423
CONTACT: MARK DAVIDSON	CONTACT:	CONTACT:
I.D. NO.:	I.D. NO.: NT0900 76	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON-HAZ SOIL			EST 20 T	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAGP

TITLE

DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

ABiel Mebenos

TITLE

DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 927 Sched. Arrive 69.480

GROSS TARE

NET 25,280

22.10

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

2/3/12 16:10

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046471

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360198
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 2093

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 34

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit: 2026813

Gross LBS: 66,380 KGS: 31,017
Tare LBS: 26,540 KGS: 12,059
Net LBS: 41,840 KGS: 18,979

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
20.920	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	20.920	TON
Cumul Daily Qty		743.820				

Additional delivery or stocking instructions: mfst. 4/1/12

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTR Date: 2-3-12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

137

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 44112

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - PANEL K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 FARAH PLACE DR SUITE 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N. CHARLESTON ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE:	TELEPHONE: 305 884 1423	TELEPHONE: 305-225-1423
CONTACT:	CONTACT:	CONTACT:
I.D. NO.:	I.D. NO.: UT 0900 26	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			EST 20T	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAGP

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE:

DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE:

DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 2093 Sched. Arrive 6,380

GROSS TARE

NET 26,520

SPECIAL INST. 20.92

BILLING: 2/3/12

COMPANY NAME 10:40

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046472

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360199
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 4250

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 35

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 68,920 KGS: 31,262
Tare LBS: 25,160 KGS: 11,413
Net LBS: 43,760 KGS: 19,850

Shipping Instructions:
US NAVY-PARCEL X 4130 FABEN PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.880	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	21.880	TON
Cumul Daily Qty		765.700				

Additional delivery or stocking instructions: mfst. 4411f

Loader check _____
Driver check _____

Received In Good Order And Accepted By: _____ **Date:** 2-3-12

Delivered/Drop Shipped By: _____ **Date:** _____

MSDS PROVIDE UPON REQUEST

139

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

JM22

DOCUMENT NO. 44114

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - Parcel K	COMPANY NAME: Metro Trucking	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 Fabor Place Dr Suite 202	ADDRESS: 2225 W. 78 ST	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N Charleston ST: SC ZIP CODE: 29405	CITY: Hialeah ST: 33014 ZIP CODE: FL	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: MARK DAVIDSON	CONTACT:	CONTACT:
I.D. NO.:	I.D. NO.: WT 0900 76	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			EST. 20 T	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumas

TITLE | DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Ernesto Perez

TITLE | DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE | DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 4250 | Sched. Arrive 6 8 9 20

GROSS | TARE

NET 25,160

SPECIAL INST. 21:88

2/3/12

BILLING: 16 22

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046473

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360200
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 910

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 36

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026013

Gross LBS: 68,540 KGS: 31,090
Tare LBS: 23,760 KGS: 10,778
Net LBS: 44,780 KGS: 20,312

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.390	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	22.390	TON
Cumul Daily Qty		780.090				

Additional delivery or stocking instructions: mfst 4/1/13

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 2/3/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

138

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 44113

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: U.S. NAVY - PARCEL K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 FABUL PLACE DR.	ADDRESS: 2225 W. 98 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N. CHARLESTON ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: MANL DAVIDSON	CONTACT:	CONTACT:
I.D. NO.:	I.D. NO.: NT 0900 76	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			EST. 20T	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAUP

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

GILBERTO CABRERA

TITLE:

DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 910 Sched. Arrive 6:30

GROSS 68,540 TARE

NET 23,760

SPECIAL INST. 22.39

BILLING: 2/3/12

COMPANY NAME

ADDRESS 1620

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046474

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052360202
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 259

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016066616
Job#:
Load#: 37

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 67,860 KGS: 30,781
Tare LBS: 23,740 KGS: 10,768
Net LBS: 44,120 KGS: 20,013

Shipping Instructions:
US NAVY-PARCEL X 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.060	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	22.060	TON
Cumul Daily Qty		810.150				

S# 44115

Additional delivery or stocking instructions: _____

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTK Date: 2/3/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

140

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 44115

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - PARCEL X	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 FABER PLACE DR. SUITE 202	ADDRESS: 2225 W. 78 STREET	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N. CHARLESTON ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-821-1423	TELEPHONE: 305-225-1423
CONTACT: MARK DAVIDSON	CONTACT:	CONTACT:
I.D. NO.:	I.D. NO.: NT 050076	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			EST. 20 T	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAOP

TITLE: AGENT FOR US NAVY | DATE OF SHIPMENT: 2-3-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

HECTOR RODRIGUEZ

TITLE | DATE OF SHIPMENT: 2-3-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/3/12

TITLE | DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: | Sched. Arrive

TRUCK: 259 | Sched. Arrive 67,860

GROSS | TARE 23,740

NET 22.06

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY | ST | ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

2/2/12 16:50

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046475

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052408322
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No:_____

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 1

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 70,120 KGS: 31,806
Tare LBS: 24,820 KGS: 11,258
Net LBS: 45,300 KGS: 20,548

Shipping Instructions:
US NAVY-PARCEL K 4130 FARBER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.650	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	22.650	TON
Cumul Daily Qty		22.650				

#46815

Additional delivery or stocking instructions: _____

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MMC **Date:** 2/7/12

Delivered/Drop Shipped By: **Date:**

MSDS PROVIDE UPON REQUEST

141

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 46815

JM 22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY PARCEL K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4430 FABER PLACE DR SUITE 206	ADDRESS: 2225 W. 78 ST.	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N CHARLESTON ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33016	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT:	CONTACT:	CONTACT:
I.D. NO.:	I.D. NO.: NT090076	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			EST. 20T	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaop

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 2-7-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Javier Santana

DATE OF SHIPMENT: 2-7-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Mario Rodriguez 2/7/12

TITLE

DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 3605 Sched. Arrive 10.120

GROSS TARE

NET 24,820 22.65

SPECIAL INST.

BILLING: 1/4 2/7

COMPANY NAME

ADDRESS 1235

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046476

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052408324
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 4954

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 2

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 69,320 KGS: 31,444
Tare LBS: 26,940 KGS: 12,220
Net LBS: 42,380 KGS: 19,224

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
21.190	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	21.190	TON
Cumul Daily Qty		43.840				

Additional delivery or stocking instructions: # 46816

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTL Date: 2/7/12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

142

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 46816

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - PARCEL IC	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 FABER PLACE DR. SUITE 202	ADDRESS: 2225 W. 78 ST.	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N CHARLESTON ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-524-1423	TELEPHONE: 305-225-1423
CONTACT:	CONTACT:	CONTACT:
I.D. NO.:	I.D. NO.: WT 050076	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION

MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	REMARKS
NON HAZ SOIL			EST. 20 T	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dunaop

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 2-7-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Felix Cibeiro

TITLE: Felix Cibeiro

DATE OF SHIPMENT: 2-7-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/7/12

TITLE: DATE OF SHIPMENT:

DISPATCH INFO:

DRIVER: Sched. Arrive 6:30

TRUCK: 4954 Sched. Arrive 11:40

GROSS: TARE 26,948

NET 21.19

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046477

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052408325
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name: _____ No: 600

Delivery Due Time: _____
Carrier# & Name: DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 3

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit: 2026813

Gross LBS: 71,940 KGS: 32,632
Tare LBS: 25,180 KGS: 11,422
Net LBS: 46,760 KGS: 21,210

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
23.380	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	23.380	TON
Cumul Daily Qty		67.220				

Additional delivery or stocking instructions: #46817

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTL Date: 2/7/12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

143

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 46817

JM22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY PARCEL K	COMPANY NAME: MOTTA TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 FABER PLACE DR SUITE 202	ADDRESS: 2225 W. 78 ST	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N. CHARLESTON ST: SC ZIP CODE: 29405	CITY: HIALEAH ST: FL ZIP CODE: 33014	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: MARK DAVIDSON	CONTACT:	CONTACT:
I.D. NO.:	I.D. NO.: WT 090076	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			EST. 20 T	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Randy Dumaup

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 2-7-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Heliodoro Estevez

TITLE: MM — DATE OF SHIPMENT: 2-7-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez 2/7/12

TITLE — DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: MM — Sched. Arrive

TRUCK: 600 — Sched. Arrive 11:45

GROSS — TARE

NET 25,180 — 23.38

SPECIAL INST.

BILLING: 2/7

COMPANY NAME

ADDRESS 1236

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046478

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052408326
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No: 932

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 4

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 69,800 KGS: 31,661
Tare LBS: 25,060 KGS: 11,367
Net LBS: 44,740 KGS: 20,294

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
22.370	TON	1,400.000	1031451	PETRO SOILS EXTERNAL BULK	22.370	TON
Cumul Daily Qty		89.590				

Additional delivery or stocking instructions: # 46818

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: MTR Date: 2/7/12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

144

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 46818

JM 22

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: U.S. NAVY - PARCEL K	COMPANY NAME: METRO TRUCKING	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 FARAH PLACE DR. SUITE 202	ADDRESS: 2225 W. 78 ST.	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N. CHARLESTON ST.: SC ZIP CODE: 29405	CITY: HIALEAH ST.: FL ZIP CODE: 33016	CITY: MIAMI ST.: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 305-824-1423	TELEPHONE: 305-225-1423
CONTACT: MARK DAVIDSON	CONTACT:	CONTACT:
I.D. NO.:	I.D. NO.: WT 090076	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			EST. 20 T	DT	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAS

TITLE: AGENT FOR U.S. NAVY — DATE OF SHIPMENT: 2-7-12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: RAFAEL BRAVO — DATE OF SHIPMENT: 2-7-12

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Mario Rodriguez 2/7/12

TITLE — DATE OF SHIPMENT

DISPATCH INFO:

DRIVER: R. BRAVO — Sched. Arrive

TRUCK: 932 — Sched. Arrive 09:00

GROSS — TARE

NET 25,060

SPECIAL INST. 22.37

2/7/12

BILLING:

COMPANY NAME

ADDRESS 1230

CITY — ST — ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046515

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052446558
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No:_____

Delivery Due Time:_____
Carrier& & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 2

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 50,920 KGS: 23,097
Tare LBS: 33,260 KGS: 15,087
Net LBS: 17,660 KGS: 8,011

Shipping Instructions:
US NAVY-PARCEL K 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
8.830	TON	1,450.000	1031451	PETRO SOILS EXTERNAL BULK	8.830	TON
Cumul Daily Qty		21.660				

Additional delivery or stocking instructions: mfst. 46820

Loader check _____
Driver check _____

Received In Good Order And Accepted By: MTR Date: 2-13-12

Delivered/Drop Shipped By: Date:

MSDS PROVIDE UPON REQUEST

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 46820

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - PARCEL K	COMPANY NAME: SWS ENVIRONMENTAL SERVICES	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 FABER PLACE DR. SUITE 202	ADDRESS: 6900 NW 12TH AVE.	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N. CHARLESTON ST: SC ZIP CODE: 29405	CITY: FT. LAUDERDALE ST: FL ZIP CODE: 33309	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 954-957-7271	TELEPHONE: 305-225-1423
CONTACT: MARK DAVIDSON	CONTACT: JEFF PELEG	CONTACT:
I.D. NO.:	I.D. NO.: FLD 099077257	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON-HAZ SOIL			EST. 15 T	CM	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAGP

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 02-10-2012

TRANSPORTER

This is to certify the acceptance of the above material in the amounts and descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: D. Mejia

DATE OF SHIPMENT: 02-10-2012

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE:

DATE OF SHIPMENT: 2-13-12

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 6019 / RT2547 Sched. Arrive 50,920

GROSS TARE 33,260

NET 8.83

SPECIAL INST.

BILLING:

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS: 877-742-4215

2/13 11:11

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

046514

Customer Service Center: 1-305-225-1423

CEMEX

Delivery Ticket#: 8052446557
Date: 02/07/2012
Page 1 of 1

Sold To: PROGRESSIVE ENVIRONMENTAL SERVICES
Phone #: 850-234-8428
Deliver To: 1200 NW 137 AVENUE
MIAMI FL 33182

Plant: Environmental Service
Miami FL
Ph: 305-225-1423
#1360 Job No. 3026926

Driver Name:_____ No:_____

Delivery Due Time:_____
Carrier# & Name:DUMP DUMP TRUCK,GENERIC

Order#: 1016046616
Job#:
Load#: 1

Customer#: 3026926
PO#: ACCOUNTS PAYABLE
Type: DEL
Ship Unit:2026813

Gross LBS: 59,060 KGS: 26,790
Tare LBS: 33,400 KGS: 15,150
Net LBS: 25,660 KGS: 11,639

Shipping Instructions:
US NAVY-PARCEL X 4130 FABER PLACE DR

Load Quantity	UOM	Order Quantity	Product Code	Product Description	Units	UOM
12.830	TON	1,450.000	1031451	PETRO SOILS EXTERNAL BULK	12.830	TON
Cumul Daily Qty		12.830				

Additional delivery or stocking instructions: mfst. 46819

Loader check _____
Driver check _____

Received In Good Order
And Accepted By: mtr Date: 2-13-12

Delivered/Drop
Shipped By: Date:

MSDS PROVIDE UPON REQUEST

CEMEX

MATERIALS SUBSTITUTION
Transportation & Receiving Manifest

DOCUMENT NO. 46819

GENERATOR	TRANSPORTER	RECEIVING FACILITY
COMPANY NAME: US NAVY - PARCEL K	COMPANY NAME: SWS ENVIRONMENTAL SERVICES	COMPANY NAME: CEMEX ENVIRONMENTAL SERVICES
ADDRESS: 4130 FABER PLACE DR. SUITE 202	ADDRESS: 6900 NW 12TH AVE	ADDRESS: 1200 N.W. 137TH AVENUE
CITY: N. CHARLESTON ST: SC ZIP CODE: 29405	CITY: FT. LAUDERDALE ST: FL ZIP CODE: 33309	CITY: MIAMI ST: FL ZIP CODE: 33182
TELEPHONE: 843-743-2124	TELEPHONE: 954-957-7271	TELEPHONE: 305-225-1423
CONTACT: MARK DAVIDSON	CONTACT:	CONTACT:
I.D. NO.:	I.D. NO.: FLD099077257	I.D. NO.: FLD981758485
CUST. P.O.	M.S. NO.:	

INFORMATION					REMARKS
MATERIAL DESCRIPTION AND DOT SHIPPING NAME	CLASS	DOT ID UN# NA#	QUANT-VOLUME	CONTAIN-ER	
NON HAZ SOIL			EST. 15T	CM	

GENERATOR

This is to certify that the above named material is properly classified, described, packaged, marked and labeled and are in proper condition for transporting according to the applicable regulations of the U.S. Department of Transportation, Environmental Protection Agency and contains no toxic or hazardous substances that would cause oily waste to be classified as a characteristic or listed hazardous waste.

AUTHORIZED SIGNATURE (press hard - 5 copies)

RANDY DUMAUP

TITLE: AGENT FOR U.S. NAVY

DATE OF SHIPMENT: 02/10/12

TRANSPORTER

This is to certify the acceptance of the above material in the amounts end descriptions given and in proper condition for transport to be delivered to the treatment facility.

AUTHORIZED SIGNATURE (press hard - 5 copies)

TITLE: Jimmy Sowell

DATE OF SHIPMENT: 02-10-2012

TREATMENT FACILITY

This is to certify the acceptance of the above named material in the amounts and descriptions given from the named transporter for treatment, storage disposal or recycling.

AUTHORIZED SIGNATURE (press hard - 5 copies)

Maria Rodriguez

TITLE

DATE OF SHIPMENT: 2-13-12

DISPATCH INFO:

DRIVER: Sched. Arrive

TRUCK: 6009/88163 Sched. Arrive 5/9,060 14:42

GROSS TARE 33,400

NET

SPECIAL INST. 12.83

BILLING: 2/13/12 14:42

COMPANY NAME

ADDRESS

CITY ST ZIP CODE

TELEPHONE

DISCREPANCY INFO:

EMERGENCY AND SPILL ASSISTANCE Call:

SWS : 877-742-4215

WHITE - Generator (Last) GREEN - Receiving PINK - Generator (First) GOLDENROD - Transporter's Copy YELLOW - Equipment

62377

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	N/A	1	(800) 424-9300	

GENERATOR

5. Generator's Name and Mailing Address
Naval Facilities Engineering Command
203 S. Davis Dr., Charleston, SC 29404
(843) 963-4991 Attn: Deputy Base Closure Manager
Generator's Phone:

Generator's Site Address (if different than mailing address)
U.S. Navy - Parcel K
West of 33 E. Quay Rd., near Port Ops gate
Key West, FL

6. Transporter 1 Company Name: Clark Environmental
U.S. EPA ID Number: FLD 984 206 003

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clark Environmental
755 Prarie Industrial Parkway, Mulberry, FL 33860
(863) 425-4884
Facility's Phone:
U.S. EPA ID Number: FLD 984 206 003

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
X	1. Non RCRA/DOT Regulated Liquid (IDW Water)	001	DM	00055	G
X	2. Non RCRA/DOT Regulated Solid (IDW Soil)	001	DM	00055	G
	3.				
	4.				

13. Special Handling Instructions and Additional Information
1: Appl# : 36879-DW01
2: Appl# : 36879-DC02

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: As Agent of US Navy
Nikki Manoe/CH2M HILL
Signature:
Month: 12 Day: 17 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: Jason Hanley
Signature:
Month: 12 Day: 17 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:

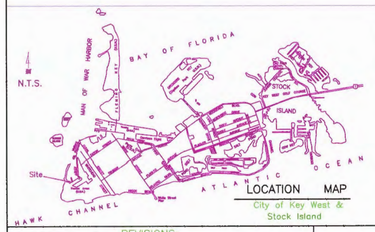
17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name: Manda Karaliunas
Signature: Manda Karaliunas
Month: 12 Day: 17 Year: 13

Appendix H
Post-Excavation Survey

NOTE: 1. 5.9' denotes grade elevations before remediation.
2. (6.23') denotes grade elevations after remediation.



SURVEYOR'S NOTES:
North arrow based on plat assumed median
Reference Bearing: State Plane Coordinate System, 83/89
3.4 denotes existing elevation
Elevations based on NAV 1988 Datum
Bench Mark No.: Basic Elevation: 12.98
Monumentation:
NOTE: Set 60d spike or P.K. Nail at every grid corner
⊕ = set 1/2" Iron Pipe, P.L.S. No. 2749
● = Found 1/2" Iron Pipe
● = Found 1/2" Iron Bar
△ = Set P.K. Nail, P.L.S. No. 2749
▲ = Found P.K. Nail
▲ = Found Nail
▲ = Found Drill Hole

Abbreviations:

Sty. = Story	o/h = Overhead	P.C. = Point of Curvature	wd. = Wood	⊕F.W.= Fire Well	CERTIFICATION:		
R/W = Right-of-Way	u/g = Underground	P.T. = Point of Tangency	R = Radius	⊕M.W.= Montering Well	I HEREBY CERTIFY that the attached Grid & Topographical Survey is true and correct to the best of my knowledge and belief; that it meets the minimum technical standards adopted by the Florida Board of Land Surveyors, Chapter 61G17-6, Florida Statute, Section 472.027, and the American Land Title Association, and that there are no visible encroachments unless shown hereon.		
fd. = Found	F.FL.= Finish Floor Elevation	P.O.C.= Point of Commence	A = Arc (Length)	▭ = Water Meter			
p. = Plat	L.B. = Low Beam	P.O.B.= Point of Beginning	D = Delta, (Central angle)	⋈ = Water Valve			
m. = Measured	Rad.= Radial	P.B. = Plat Book	w.m. = Water Meter	○E. = Electric Manhole			
d. = Deed	Irr. = Irregular	pg. = page	Bal. = Balcony	B.P.Z.= Backflow Prevention Valve			
M.H.W.= Mean High Water	conc.= concrete	Elec.= Electric	Pl. = Planter	P.V.C.= Polyvinyl Pipe			
O.R. = Official Records	I.P. = Iron Pipe	Tel. = Telephone	Hydt.= Fire Hydrant	R.C.P.= Reniforced Concrete pipe			
Sec. = Section	I.B. = Iron Bar	Ench.= Encroachment	F.W. = Fire Well	✣ = Fire Hydrant			
Twp. = Township	℄ = Baseline	O.L. = On Line	A/C = Air Conditioner	✱ = Light			
Rge. = Range	C.B. = Concrete Block	C.L.F.= Chain Link Fence	□E. = Electric Utility Vault	⊙ = sign			
N.T.S.= Not to Scale	C.B.S.= Concrete Block Stucco	▮ = Concrete Utility Pole	○M.H. = Man Hole				
℄ = Centerline	cov'd.= Covered	⌀ = Wood utility Pole	San.= Sanitary				
Elev.= Elevation	P.I. = Point of Intersection	⟷⌀ = Wood Utility Pole with Guy wire	⊠C.B.= Storm Water Catch Basin				
B.M. = Bench Mark			Inv.= Invert				

Field Work performed on: 11/3/09, 11/05/09, 2/24/12

NOTE: Unknown lines may not be in the direction shown

FREDERICK H. HILDEBRANDT
Professional Land Surveyor & Mapper No. 2749
Professional Engineer No. 36810
State of Florida

NOT VALID UNLESS EMBOSSED WITH RAISED SEAL & SIGNATURE

REVISIONS:

No.	Date	Remarks
1	12/01/09	Added E, Removed K
2	4/6/12	Before and after remediation elevations.

Sheet Description:
50 Foot Grid with grades

Project:
U.S.N. Truman Annex
Truman Annex, Key West, Florida 33040

ISLAND SURVEYING INC.
Engineers Planners Surveyors
3152 Northside Drive, Key West, Florida 33040
(305) 293-0466 Fax. (305) 293-0237
fhildeb1@bellsouth.net

Date: 11/4/09
Designed: F.H.H.
Drawn: F.H.H.
Checked:
Job. No. 12-177
Sheet No. 1 of 1

Appendix I
Soil Boring Logs and Well Completion Diagrams

AGVIO
CH2M HILL

115 Perimeter Center Place, Suite 700
Atlanta, GA 30346-1278
Tel No (770) 604-9182
Fax No (770) 604-9282

CHAIN-OF-CUSTODY RECORD

[1] COC NUMBER: 395479-082213-01

[3] PROJECT NAME	[4] PROJECT NUMBER	[8] LAB NAME AND CONTACT	[11] FAX AND MAIL REPORTS EDD TO RECIPIENT 1 (Name and Company)	[14] RECIPIENT 1 (Address, Tel No , and Fax No)
NAS Key West - Parcel K	395479	GCAL	Camden Robinson/CH2M HILL	camden.robinson@ch2m.com
[5] PROJECT PHASE/SITE/TASK	[6] CTO OR DO NUMBER	[9] LAB PO NUMBER	[12] FAX AND MAIL REPORTS EDD TO RECIPIENT 2 (Name and Company)	[15] RECIPIENT 2 (Address, Tel No , and Fax No)
Groundwater sampling	JM22	817368	Bethany Garvey/CH2M HILL	bethany.garvey@ch2m.com
[7] PROJECT CONTACT	[7] PROJECT TEL NO AND FAX NO	[10] LAB TEL NO AND FAX NO	[13] FAX AND MAIL REPORTS EDD TO RECIPIENT 3 (Name and Company)	[16] RECIPIENT 3 (Address, Tel No , and Fax No)
Amy Twitty	850-232-0320	225-769-4900	Amy Twitty/CH2M HILL	amy.twitty@ch2m.com

[17] ITEM	[18] SAMPLE IDENTIFIER	[19] SAMPLE DESCRIPTION/LOCATION	[20] MATRIX (see codes on SOP)	[21] DATE COLLECTED	[22] TIME COLLECTED	[23] DATA PKG LEVEL (see codes on SOP)	[24] TAT (calendar days)	[25] ANALYSES REQUIRED (Include Method Numbers): LEAD (6010C)	[26] SAMPLE TYPE (see codes on SOP)	[27] COMMENTS/ SCREENING READINGS	[28] LAB ID (for lab's use)
1	JM22-MW-12E-082213	MW-12E	GW	8/22/13	1539	C/IV	24 hr	x	N	24 hour turnaround	
2	JM22-MW-12E-MS-082213	MW-12E	GW	8/22/13	1539	C/IV	14	x	MS		
3	JM22-MW-12E-SD-082213	MW-12E	GW	8/22/13	1539	C/IV	14	x	SD		
4	JM22-FD-01-082213	Field Duplicate #1	GW	8/22/13	—	C/IV	24 hr	x	FD	24 hour turnaround	
5	JM22-EB-01-082213	Equipment Blank #1	W	8/22/13	1550	C/IV	14	x	EB		
6	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]		
7											
8											
9											
10											

[29] SAMPLER(S) AND COMPANY (please print): John Towns, Nikki Monroe - CH2M HILL

[30] COURIER AND SHIPPING NUMBER: FED EX

[31] SAMPLES TEMPERATURE AND CONDITION UPON RECEIPT (for lab's use)

[32] RELINQUISHED BY	DATE	TIME	[33] RECEIVED BY	DATE	TIME
Printed Name and Signature			Printed Name and Signature		
John Towns	8/22/13	1800			
Printed Name and Signature			Printed Name and Signature		
Printed Name and Signature			Printed Name and Signature		

Distribution [ ] Original - Laboratory (To be returned with Analytical Report), [ ] Copy 1 - Project File, [ ] Copy 2 - PMO

Form CC1001, Rev 06 00

AGVIQ / CH2M HILL JOINT VENTURE

PROJECT NUMBER	BORING NUMBER	Page 1 of 1
395479	MW-12E	

SOIL BORING LOG

PROJECT: Parcel K
LOCATION: Key West, FL
ELEVATION (FT):
DRILLING CONTRACTOR: Partridge - Jacksonville, FL Driller: M Nicholson
DRILLING METHOD AND EQUIPMENT USED: Geoprobe 6610DT, 6.5" OD hollow stem auger
WATER LEVELS (FT): Dry 5'
START: 8/21/13 END: 8/21/13
LOGGER: J. Towns

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (%)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION. FID (unfilt ppm)	Notes	Aquifer Properties
0	0'-5'	100%			0'-0.5' - SILTY SAND (SM) - dark brown, dry, loose, 75% sand, 25% non-plastic fines, no odor.			
					0.5'-6' - LIMESTONE (LS) - white to very pale brown, dry to wet at 4' bls, hard, limestone fragments up to 2" diameter, no odor			
5	5'-10'	100%			6'-14' - LIMESTONE and CLAY (LS-CH) - white to very pale brown, soft, wet, 50% limestone gravel up to 0.5" dia, 50% high plastic fines, no odor.			
10	10'-14'	100%			End of Boring @ 14' bls		Back Fill from 14' to 13' bls with 20/30 silica sand. Set well at 13' bls. See well const. diagram for info.	
15								
20								

GROUNDWATER SAMPLING LOG (modified from FDEP FD9000-24, revised August 28, 2012)

☐ System On ☐ System Off ☐ Not Applicable (no system)

SITE NAME: Parcel K	SITE LOCATION: NAS Key West	DATE (MM/DD/YYYY): 8/22/13
WELL ID: MW-12E	SAMPLE ID: JM22-MW-12E-082213	Field duplicate: (Y) N Duplicate ID: JM22-FD-01-082213

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL SCREEN INTERVAL DEPTH: 3 feet to 13 feet	STATIC DEPTH TO WATER (feet): 6.04	PURGE PUMP TYPE OR BAILER: PP

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (13.3 feet – 6.04 feet) X 0.163 gallons/foot = 1.2 gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable) n/a = gallons + (gallons/foot X feet) + gallons = gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 9.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 9.5	PURGING INITIATED AT: 1523	PURGING ENDED AT: 1539	TOTAL VOLUME PURGED (gallons): 1.6

Time	Volume Purged (gallons)	Cumulative Volume Purged (gallons)	Purge Rate (gpm)	Depth to Water (ft BTOC)	pH (standard units)	Temp. (°C)	SP.COND (mS/cm)	Dissolved Oxygen (mg/L)	Salinity (part per thousand)	Turbid (NTUs)	Color/ Odor (describe)	ORP (mV)	Depth to Product (ft BTOC)
1535	1.2	1.2	0.1	6.26	7.41	29.50	33.1	1.28	20.7	22.5	Clear, No odor	105	none
1537	0.2	1.4	0.1	6.26	7.41	29.47	32.9	0.85	20.6	5.5	Clear, no odor	99	none
1539	0.2	1.6	0.1	6.26	7.41	29.44	32.9	0.84	20.5	5.1	Clear no odor	98	none

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING/SAMPLING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)
MATERIAL CODES: PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING

WQ Meter Type & Serial Number, Calibration Notes (including cal solution lot numbers/expiration dates): Horiba U-52		SAMPLE PUMP TYPE OR BAILER: PP	
PUMP OR TUBING DEPTH IN WELL (feet): 9.5	TUBING MATERIAL CODE: PE	FIELD-FILTERED: Y (N) Filtration Equipment Type:	~~FILTER SIZE: ___ µm~~
SAMPLED BY (PRINT) / AFFILIATION: John Tourns / CH2M HILL	SAMPLER(S) SIGNATURE(S):	SAMPLING INITIATED AT: 1539	SAMPLING ENDED AT: —
FIELD DECONTAMINATION: PUMP Y (N) BAILER Y (N) TUBING Y N (re-used) (N) (replaced)		Turbidimeter Serial Number:	

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

Well Info	QC	Remarks/Notes/Comments/Exceptions/Site Conditions
☐ needs repair ___ ☐ tubing left in well	☐ DI Water Lot #___	
☐ need well tag ___ ☒ no tubing left in well	☒ MS/MSD ___	
☐ locking cap ___	☒ Equipment blk ___	
☐ well integrity ___	☐ Ambient blk ___	
☐ Protective Post/Abutment ___	☐ Trip blk ___	

☐ VOCs ☐ FLPRO ☐ PAHs ☐ SVOCs ☐ OC Pesticides ☐ OP Pesticides ☐ PCBs ☐ Dioxin/Furan ☒ ~~Metals~~ LEAD ☐ EDB/DBCP
☐ Alkalinity ☐ BOD ☐ Chloride ☐ Nitrate/Nitrate ☐ Sulfate ☐ Sulfide ☐ TOC ☐ Hydrogen ☐ VFAs ☐ TCLP ☐ ___

AGVIO / CH2M HILL

PROJECT NUMBER	WELL NUMBER	SHEET 1 OF 1
395479	MW-12E	

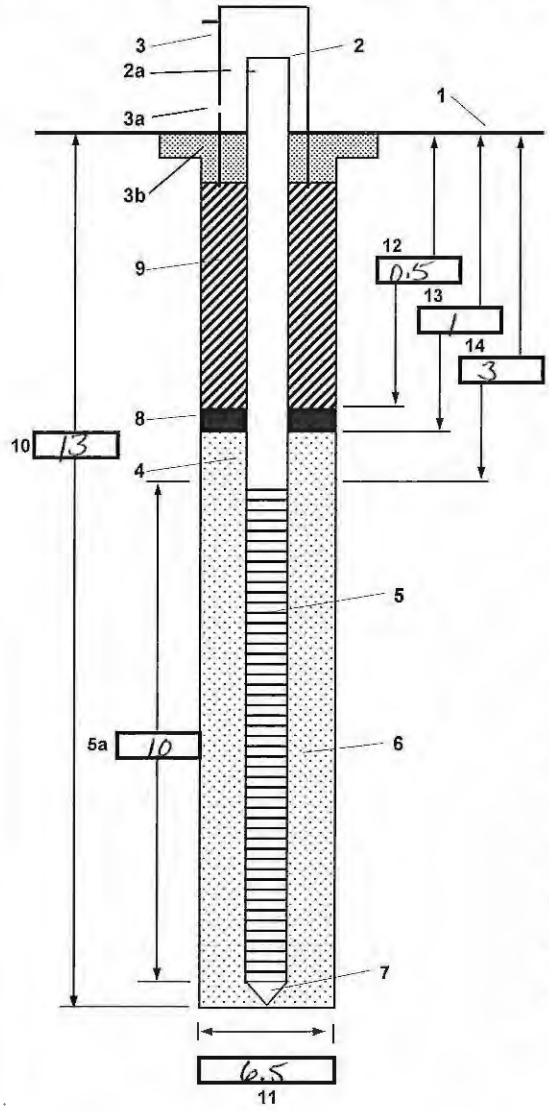
WELL COMPLETION DIAGRAM

PROJECT: Parcel K — LOCATION: NAS Key West, FL

DRILLING CONTRACTOR: Partridge - Jacksonville, FL — Driller: M. Nicholson

DRILLING METHOD AND EQUIPMENT USED: Geoprobe 6610DT, 6.5" OD hollow stem auger

WATER LEVELS (feet): 5.42 — START: 8/21/13 — END: 8/21/13 — LOGGER: J. Towns



1- Ground elevation at well

2- Top of casing elevation
a) vent hole installed? (yes/no): no

3- Wellhead protection cover type: n/a
a) weep hole installed? (yes/no): no
b) concrete pad dimension (square feet): n/a

4- Casing diameter (inches): 2
Type of well casing: Sch 40 PVC

5- Type/slot size of screen: 0.01"
a) Length of screen (feet): 10

6- Type of screen filter pack: 20/30 silica sand
a) Quantity used (50-pound bags): 5.5

7- Well point (inches): 0

8- Type of seal: 30/65 silica sand
a) Quantity used (50-pound bags): 0.5

9- Grout mix
a) Quantity used (94-pound bags): n/a
b) Method of placement

10- Total well depth (ft bls): 13
Development method: pump and surge

11- Borehole diameter (inches): 6.5

12- Depth to top of ~~bentonite~~ Seal (ft bls): 0.5

13- Depth to top of filter pack (ft bls): 1.0

14- Depth to top of well screen (ft bls): 3.0

Development time (hours): 14 mins

Estimated purge volume (gallons): 32

Comments: Well abandoned on 8/29/13.

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CH2M HILL
JOINT VENTURE

PROJECT NUMBER	WELL NUMBER	
395479	MW-12E	SHEET 1 OF 1

WELL DEVELOPMENT LOG

PROJECT: Parcel K LOCATION: NAS Key West, FL
DEVELOPMENT CONTRACTOR: Partridge - Jacksonville, FL DATE: 8/21/13
DEVELOPMENT METHOD AND EQUIPMENT USED:
WATER LEVELS: 5.42 START: END: LOGGER: J. Towns
TOTAL WELL DEPTH: 13
MAXIMUM DRAWDOWN DURING PUMPING:
RANGE AND AVERAGE DISCHARGE RATE: 2 gpm
TOTAL QUANTITY OF WATER DISCHARGED: 32 gal
DISPOSITION OF DISCHARGE WATER: 55-gal drum

Water Volume Discharged (gal)	Time (military)	pH	Specific Conductivity (ms/cm)	Temperature (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP	Salinity	Depth to Water (ft btoc)	Remarks (color, odor, sheen, sediment,
4	1012	5.53	30.4	28.31	>1000	6.97	-66	19.0	11.40	Very pale brown, no odor. Surge
20	1020	7.24	34.0	28.55	505	5.90	-93	21.3	11.40	Clear. No odor.
24	1022	7.48	35.7	28.51	97.1	7.12	-104	22.5	11.40	" "
28	1024	7.57	36.8	28.43	30.0	6.23	-110	23.3	11.40	" "
32	1026	7.63	37.4	28.34	20.7	6.97	-114	23.7	11.40	" "

NOTES: