DEPARTMENT OF THE ARMY

OFFICE OF ASSISTANT CHIEF OF STAFF FOR INSTALLATION MANAGEMENT
U.S. ARMY FORT MONMOUTH
P.O. 148
OCEANPORT, NEW JERSEY 07757

7 December 2017

Mr. Ashish Joshi
New Jersey Department of Environmental Protection
Division of Remediation Management & Response
Northern Bureau of Field Operations
7 Ridgedale Avenue (2nd Floor)
Cedar Knolls, NJ 07927-1112

Subject: Letter Work Plan for Parcel 82 (400 Area)
Fort Monmouth, New Jersey
PI G000000032

Dear Mr. Joshi:

The Fort Monmouth (FTMM) Team has prepared this work plan to summarize the results of historical soil sampling and removal at Parcel 82 and to propose additional soil sampling to fill data gaps. Previous NJDEP correspondence indicated that polynuclear aromatic hydrocarbons (PAHs) and polychlorinated biphenyls (PCBs) in soil need to be delineated to residential comparison criteria (**Attachment A**).

Parcel 82 Background

Parcel 82 is part of the 400 Area, which encompasses approximately 30 acres of open fields and paved areas extending east of Oceanport Avenue, south-southeast of Parker's Creek, west of Burns Avenue and north of Tilly Avenue. Extensive soil borings and full-suite analyses were conducted in the 400 Area in 2004 as part of the Army's Residential Communities Initiatives (RCI) and Enhanced Use Leasing (EUL) programs (Tetra Tech, 2005). Parcel 82 is in the eastern portion of the Main Post bounded approximately by Evans Avenue to the west, Tilly Avenue to the south, Building 116 to the east, and the former Central Hazardous Waste Storage Area (Buildings 121, 122, and 123) to the north (**Figure 1**).

Soil samples collected during the 2004 investigation identified PAHs and PCBs in shallow soils above the then-current New Jersey Department of Environmental Protection (NJDEP) Non-Residential Direct Contact Soil Remediation Standard (NRDCSRS) (**Tables 1 and 2 and Attachment B**). Non-residential cleanup standards were used to support use of the property for a planned maintenance building. Additional soil borings were advanced around the location of initial exceedances of the NRDCSRS to delineate the extent of PAH and PCB contamination. Multiple phases of delineation sampling were performed to ensure that the NRDCSRS exceedances were horizontally and vertically delineated. Soil excavation and removal was performed in October 2004 to remediate the soils to within the PAH and PCB NRDCSRSs. From one area, approximately 120 cubic yards (CY) of PCB-contaminated soil were excavated and transported for off-site disposal. From multiple locations in another area, approximately 35

CY of PAH-contaminated soil were excavated and transported for off-site disposal. A No Further Action (NFA) determination with restrictions was initially requested by the Army for the 400 Area (**Attachment B**). However, the NJDEP (2007) commented that an NFA determination could not be made because all exceedances above the more stringent Residential Direct Contact Soil Remediation Standard (RDCSRSs) needed to be delineated and addressed (**Attachment A**). We have found no documentation of any actions in this portion of Parcel 82 since 2004. Therefore, soils remain that exceed the current RDCSRSs for PAHs and PCBs (see **Figure 2**).

In June 1994, the Fort Monmouth Fire Marshall reported to the Military Police that an electrical transformer was stacked on top of another electrical transformer causing a 10-gallon PCB leak along the northern portion of Parcel 82 just south of Building 123 and the Central Hazardous Waste Storage Area (**Figure 2**). The military police documentation of the response action taken is provided in **Attachment C**. As reported in FTMM's Spill Prevention, Control and Countermeasure Plan (SPCCP, 2014 version), Building 123 within the former Central Hazardous Waste Storage Area was used for storage of PCB containers and transformers. Additional sampling was performed within this spill area in 2005 (see the analyses associated with Building 121 in **Table 3 and Attachment C**). We have found no documentation of any actions in this portion of Parcel 82 after 2005. Therefore, PCB concentrations in soils in this area exceed the current RDCSRS of 0.2 mg/kg (see **Figure 2**).

Comparison to RDCSRS

The Parcel 82 soil sampling results from 2004 and 2005 were compiled and compared to the current 2017 RDCSRSs for PAHs and PCBs as shown on **Table 1, Table 2** and **Table 3**; supporting analytical data packages are presented in **Attachments B** and **C.** The results are further explained below:

PAHs

- Samples B10, B15, B15A, B15B, and B15D had PAH exceedances of the RDCSRS (**Table 1**; **Attachment B**). However, the soil represented by these samples was excavated to a depth of 1.5-2.5 feet bgs and removed in October 2004 as part of the RCI project. Post-excavation samples 400B10-PX1, 400B15-PX1, and 400B15-PX2 were collected from the excavations but had no exceedances of the current RDCSRSs.
- The benzo(a)pyrene concentrations were 500 µg/kg in sample B13, 550 µg/kg in B14C and 580 µg/kg in B14D1, which were at or above the current RDCSRS of 500 µg/kg, but below the then-current NRDCSRS of 660 µg/kg. Therefore, soil represented by these samples remain in place that meet or exceed the current RDCSRS (**Figure 2**).

PCBs

- Initial samples B6 and B7, and delineation samples B7A, B7A1, B7A2, B7A2B, B7A2D, B7A3, B7A3A, B7A3B, B7A3C, B7A3D, B7B, B7B1, B7B1A, B7D, B7D1, B72D1, B7F1, B4B, B4D, B4D2, B4D3, B4D4, B4D5, B4B1, and B8B had PCB concentrations in excess of the RDCSRS (**Table 2**; **Attachment B**). However, the soil represented by these samples was excavated to a depth of 0.5-2.0 feet bgs and removed in October 2004 as part of the RCI project due to PCB exceedances.

- The PCB concentrations in delineation samples B4A, B4A1, B4D1, B5B, B5C, B8A, B8B1, B8B2, B7C1, B7C1A, B7B1A, B7B1B, and B7F1A, and post-excavation samples 400B7-PX1, 400B7-PX6, 400B7-PX7, 400B7-PX8, and 400B7-PX5, were above the current PCB RDCSRS of 0.2 mg/kg but below the then-current NRDCSRS of 2 mg/kg. Therefore, soil represented by these samples remain in place that exceed the current RDCSRS (**Figure 2**).

Proposed Sampling at Parcel 82

Additional soil sampling is required to delineate PCBs and PAHs in soil within the current RDCSRSs. Samples will be collected at 3 proposed borings (PAR-82-SS-13A, PAR-82-SS-13B, and PAR-82-SS-14C1) at three depth intervals (0 to 0.5 ft bgs, 3.0 to 3.5 ft bgs, and 6.0 to 6.5 ft bgs) to delineate PAHs horizontally and vertically to the east and south of RDCSRS exceedances at B13, B14C, and B14D. The deeper samples (6.0 to 6.5 feet bgs) will be submitted to the laboratory and held as contingency samples pending analysis of the overlying sample intervals (**Figure 2** and **Table 4**).

Soil samples from 19 borings (PAR-82-SS-B-1 to PAR-82-SS-B19) will be collected and analyzed for PCBs to determine the horizontal and vertical extent of contamination within the estimated extent of contamination (**Figure 2** and **Table 4**). In addition, additional samples from 3 borings (PAR-82-SS-B20 to PAR-82-SS-B22) located south of the hazardous waste storage pad will be collected and analyzed for PCBs. All samples will be collected at three depth intervals (0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs). The deeper sample (2.5-3.0 feet bgs) will be submitted to the laboratory and held as contingency samples pending analysis of the overlying sample intervals.

The results of this sampling will be presented in a letter report that will also address additional remedial measures as appropriate.

Thank you for reviewing this work plan. We look forward to your comments and approval prior to implementing this plan which is planned to be performed in Spring or Summer 2018. You may contact Kent Friesen, our technical lead for this work plan, at (732) 383-7201; kent.friesen@parsons.com. I can be reached at (732) 380-7064; william.r.colvin18.civ@mail.mil.

Sincerely,

William R. Colvin
BRAC Environmental Coordinator

Figures:

Figure 1 Parcel 82 Location
Figure 2 Parcel 82 Proposed Sampling Locations

Tables:

Table 1 – 2004 Parcel 82 Polynuclear Aromatic Hydrocarbons Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Table 2 – 2004 Parcel 82 Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Table 3 – 2005 Parcel 82 (Building 121) Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Table 4 – Summary of Proposed Sampling for Parcel 82

Attachments:

A. Parcel 82 Correspondence
B. Excerpts from TetraTech, 2005 Report Including Analytical Data
C. Summary of PCB Spill Area Information Including Analytical Data

References:

Tetra Tech, 2005. *Final Remedial Action Report for the 800, 700, and 400 Areas, U.S. Army Installation Fort Monmouth, Fort Monmouth, New Jersey.* Final. October.

cc: Ashish Joshi (e-mail and 2 hard copies)
William Colvin, BEC (e-mail and 1 hard copy)
Joseph Pearson, Calibre (e-mail)
James Moore, USACE (e-mail)
Jim Kelly, USACE (e-mail)
Cris Grill, Parsons (e-mail)

FIGURES

Figure 1 – Parcel 82 Location
Figure 2 – Parcel 82 Proposed Sampling Locations

Little Silver Borough

Shrewsbury Borough

Parkers Creek

Parkers Creek

Parcel 82

North Branch Parkers Creek

Parkers Creek

Oceanport Creek

Tinton Falls Borough

Lafetra Creek

Husky Brook (Culvert)

Oceanport Borough

Mill Creek

Eatontown Borough

Wampum Lake

Husky Brook

Wampum Brook

Turtle Mill Brook

West Long Branch Borough

LEGEND:

- Parcel Boundary
- Installation Boundary
- Municipal Boundary
- Surface Water Feature

N

1 inch = 1,000 feet

0 500 1,000 2,000 Feet

Source: FTMM Supplied CAD, 2013; ESRI Data and Maps, 2011; USGS NHD, 2012.

PARSONS 401 Diamond Drive NW, Huntsville AL	**Fort Monmouth** **New Jersey**

PARCEL 82 LOCATION

CREATED BY: RR	REVIEWED BY: KF
DATE: NOV. 2017	FIGURE NUMBER: PAR-82-FIG-01
PROJECT NUMBER: 748810-06012	FILE: PAR-82-FIG-01.mxd

P:\PIT\Projects\Huntsville Cont W912DY-09-D-0062\FTMM\CAD Files\GIS\Parcel 82\PAR-82-FIG-01.mxd 11/9/2017 7:49:27 AM

HAZARDOUS WASTE STORAGE PAD (CONCRETE)

121

122

123

BUILDING 116

GRASS

PAVEMENT

Evans Ave

Tilly Ave

Ceser Ave

INSET
1 " = 15 '

PAR-82-SB-01
PAR-82-SB-02
PAR-82-SB-03
PAR-82-SB-04
PAR-82-SB-05
PAR-82-SB-06
PAR-82-SB-07
PAR-82-SB-08
PAR-82-SB-09
PAR-82-SB-10
PAR-82-SB-11
PAR-82-SB-12
PAR-82-SB-13
PAR-82-SB-14
PAR-82-SB-15
PAR-82-SB-16
PAR-82-SB-17
PAR-82-SB-18
PAR-82-SB-19
PAR-82-SB-20
PAR-82-SB-21
PAR-82-SB-22
PAR-82-SB-B13A
PAR-82-SB-B13B
PAR-82-SB-B14C1

BLDG121-B1
BLDG121-B2
BLDG121-B3
BLDG121-B4
BLDG121-B5
BLDG121-B6
BLDG121-B7
BLDG121-B8
BLDG121-B9

B1
B2
B3
B4
B4A
B4A1
B4B
B4B1
B4C
B4D
B4D1
B4D2
B4D3
B4D4
B4D5
B5
B5B
B5C
B6A
B6B
B6 (1-1.5)
B6D
B6
B6C
B7A1
B7A2
B7A2B
B7A2C
B7A2D
B7A3A
B7A3D
B7A3E
B7B1
B7B1A
B7B1B
B7B1C
B7C
B7C1
B7C1A
B7C1D
B7D1
B7E1
B7F1
B7 (1-1.5)
B7C (1.5-2)
400B7-PX1
400B7-PX2
400B7-PX3
400B7-PX4
400B7-PX5
400B7-PX6
400B7-PX7
400B7-PX8
B8
B8A
B8B
B8B1
B8B2
B9
0.056
B10
B10A
B10B
B10C
B10D
B11
B12
B13
B14A
B14A1
B14B
B14B1
B14C
B14D
B14D1
B15
B15.2
B15A
B15A1
B15B
B15B1
B15C
B15D1
B15D1A

LEGEND:

- Proposed PAH Sampling Location
- Proposed PCB Sampling Location
- Historic Soil Boring (2004)
- PAH Exceedance of RDCSRS In Soil Left in Place
- PCB Exceedance of RDCSRS In Soil Left in Place
- Estimated Extent of Contamination (See Note 1 and 2)
- Excavation Boundary (0.5' Depth)
- Excavation Boundary (1' Depth)
- Excavation Boundary (1.5' Depth)
- Excavation Boundary (2.0' Depth)
- Excavation Boundary (2.5' Depth)

NOTES:

1. Minimum of 0 - 1 ft. bgs, but not delineated any deeper. May need to remove from 0 - 1.5 ft. of clean overlying soil from interior area, which was previously backfilled.
2. Estimated 405 CY soil assuming 1.5 ft depth of contamination.

N

1 inch = 30 feet

0 15 30 60 Feet

Source: FTMM Supplied CAD; Shaw Environmental 2008.

PARSONS
401 Diamond Drive NW,
Huntsville AL

Fort Monmouth
New Jersey

PARCEL 82 PROPOSED SAMPLING LOCATIONS

CREATED BY:	REVIEWED BY:
RR	AM
DATE:	FIGURE NUMBER:
NOV, 2017	PAR-82-FIG-02
PROJECT NUMBER:	FILE:
748810-06012	PAR-82-FIG-02.mxd

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TABLES

Table 1 – 2004 Parcel 82 Polynuclear Aromatic Hydrocarbons Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Table 2 – 2004 Parcel 82 Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Table 3 – 2005 Parcel 82 (Building 121) Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Table 4 – Summary of Proposed Sampling for Parcel 82

TABLE 1
2004 Parcel 82 Polynuclear Aromatic Hydrocarbons Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Boring	Depth (Inches)	Analyte	*NJDEP RDCSRS* (µg/Kg)	Result (µg/Kg)	Date Sampled
B1	0 to 6	Naphthalene	6000	1100 U	6/21/2004
B1	0 to 6	2-methyl-napthalene	230000	1100 U	6/21/2004
B1	0 to 6	Benzo(a)anthracene	5000	100 J	6/21/2004
B1	0 to 6	Chrysene	450000	130 J	6/21/2004
B1	0 to 6	Benzo(b)fluoranthene	5000	130 J	6/21/2004
B1	0 to 6	Benzo(k)fluoranthene	45000	1100 U	6/21/2004
B1	0 to 6	Benzo(a)pyrene	500	110 J	6/21/2004
B1	0 to 6	Indeno(1,2,3-cd)pyrene	5000	1100 U	6/21/2004
B1	0 to 6	Dibenz(a,h)anthracene	500	1100 U	6/21/2004
B2	0 to 6	Naphthalene	6000	1100 U	6/21/2004
B2	0 to 6	2-methyl-napthalene	230000	1100 U	6/21/2004
B2	0 to 6	Benzo(a)anthracene	5000	150 J	6/21/2004
B2	0 to 6	Chrysene	450000	200 J	6/21/2004
B2	0 to 6	Benzo(b)fluoranthene	5000	220 J	6/21/2004
B2	0 to 6	Benzo(k)fluoranthene	45000	90 J	6/21/2004
B2	0 to 6	Benzo(a)pyrene	500	170 J	6/21/2004
B2	0 to 6	Indeno(1,2,3-cd)pyrene	5000	88 J	6/21/2004
B2	0 to 6	Dibenz(a,h)anthracene	500	1100 U	6/21/2004
B3	0 to 6	Naphthalene	6000	1100 U	6/21/2004
B3	0 to 6	2-methyl-napthalene	230000	1100 U	6/21/2004
B3	0 to 6	Benzo(a)anthracene	5000	110 J	6/21/2004
B3	0 to 6	Chrysene	450000	150 J	6/21/2004
B3	0 to 6	Benzo(b)fluoranthene	5000	150 J	6/21/2004
B3	0 to 6	Benzo(k)fluoranthene	45000	1100 U	6/21/2004
B3	0 to 6	Benzo(a)pyrene	500	120 J	6/21/2004
B3	0 to 6	Indeno(1,2,3-cd)pyrene	5000	1100 U	6/21/2004
B3	0 to 6	Dibenz(a,h)anthracene	500	1100 U	6/21/2004
B3 DL	0 to 6	Naphthalene	6000	5400 U	6/21/2004
B3 DL	0 to 6	2-methyl-napthalene	230000	5400 U	6/21/2004
B3 DL	0 to 6	Benzo(a)anthracene	5000	5400 U	6/21/2004
B3 DL	0 to 6	Chrysene	450000	5400 U	6/21/2004
B3 DL	0 to 6	Benzo(b)fluoranthene	5000	5400 U	6/21/2004
B3 DL	0 to 6	Benzo(k)fluoranthene	45000	5400 U	6/21/2004
B3 DL	0 to 6	Benzo(a)pyrene	500	5400 U	6/21/2004
B3 DL	0 to 6	Indeno(1,2,3-cd)pyrene	5000	5400 U	6/21/2004

TABLE 1
2004 Parcel 82 Polynuclear Aromatic Hydrocarbons Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Boring	Depth (Inches)	Analyte	*NJDEP RDCSRS* (µg/Kg)	Result (µg/Kg)	Date Sampled
B3 DL	0 to 6	Dibenz(a,h)anthracene	500	5400 U	6/21/2004
B4	0 to 6	Naphthalene	6000	1200 U	6/21/2004
B4	0 to 6	2-methyl-napthalene	230000	1200 U	6/21/2004
B4	0 to 6	Benzo(a)anthracene	5000	130 J	6/21/2004
B4	0 to 6	Chrysene	450000	170 J	6/21/2004
B4	0 to 6	Benzo(b)fluoranthene	5000	130 J	6/21/2004
B4	0 to 6	Benzo(k)fluoranthene	45000	110 J	6/21/2004
B4	0 to 6	Benzo(a)pyrene	500	140 J	6/21/2004
B4	0 to 6	Indeno(1,2,3-cd)pyrene	5000	1200 U	6/21/2004
B4	0 to 6	Dibenz(a,h)anthracene	500	1200 U	6/21/2004
B5	0 to 6	Naphthalene	6000	1100 U	6/22/2004
B5	0 to 6	2-methyl-napthalene	230000	1100 U	6/22/2004
B5	0 to 6	Benzo(a)anthracene	5000	120 J	6/22/2004
B5	0 to 6	Chrysene	450000	200 J	6/22/2004
B5	0 to 6	Benzo(b)fluoranthene	5000	220 J	6/22/2004
B5	0 to 6	Benzo(k)fluoranthene	45000	93 J	6/22/2004
B5	0 to 6	Benzo(a)pyrene	500	130 J	6/22/2004
B5	0 to 6	Indeno(1,2,3-cd)pyrene	5000	77 J	6/22/2004
B5	0 to 6	Dibenz(a,h)anthracene	500	1100 U	6/22/2004
B6	0 to 6	Naphthalene	6000	1200 U	6/22/2004
B6	0 to 6	2-methyl-napthalene	230000	1200 U	6/22/2004
B6	0 to 6	Benzo(a)anthracene	5000	120 J	6/22/2004
B6	0 to 6	Chrysene	450000	180 J	6/22/2004
B6	0 to 6	Benzo(b)fluoranthene	5000	160 J	6/22/2004
B6	0 to 6	Benzo(k)fluoranthene	45000	80 J	6/22/2004
B6	0 to 6	Benzo(a)pyrene	500	150 J	6/22/2004
B6	0 to 6	Indeno(1,2,3-cd)pyrene	5000	79 J	6/22/2004
B6	0 to 6	Dibenz(a,h)anthracene	500	1200 U	6/22/2004
400B6-PX1	18 to 24	Naphthalene	6000	1200 U	10/20/2004
400B6-PX1	18 to 24	2-methyl-napthalene	230000	1200 U	10/20/2004
400B6-PX1	18 to 24	Benzo(a)anthracene	5000	1200 U	10/20/2004
400B6-PX1	18 to 24	Chrysene	450000	1200 U	10/20/2004
400B6-PX1	18 to 24	Benzo(b)fluoranthene	5000	1200 U	10/20/2004
400B6-PX1	18 to 24	Benzo(k)fluoranthene	45000	1200 U	10/20/2004

TABLE 1
2004 Parcel 82 Polynuclear Aromatic Hydrocarbons Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Boring	Depth (Inches)	Analyte	*NJDEP RDCSRS* (µg/Kg)	Result (µg/Kg)	Date Sampled
400B6-PX1	18 to 24	Benzo(a)pyrene	500	1200 U	10/20/2004
400B6-PX1	18 to 24	Indeno(1,2,3-cd)pyrene	5000	1200 U	10/20/2004
400B6-PX1	18 to 24	Dibenz(a,h)anthracene	500	1200 U	10/20/2004
B7	0 to 6	Naphthalene	6000	1100 U	6/22/2004
B7	0 to 6	2-methyl-napthalene	230000	1100 U	6/22/2004
B7	0 to 6	Benzo(a)anthracene	5000	330 J	6/22/2004
B7	0 to 6	Chrysene	450000	590 J	6/22/2004
B7	0 to 6	Benzo(b)fluoranthene	5000	1000 J	6/22/2004
B7	0 to 6	Benzo(k)fluoranthene	45000	230 J	6/22/2004
B7	0 to 6	Benzo(a)pyrene	500	350 J	6/22/2004
B7	0 to 6	Indeno(1,2,3-cd)pyrene	5000	370 J	6/22/2004
B7	0 to 6	Dibenz(a,h)anthracene	500	1100 U	6/22/2004
B8	0 to 6	Naphthalene	6000	1100 U	6/22/2004
B8	0 to 6	2-methyl-napthalene	230000	1100 U	6/22/2004
B8	0 to 6	Benzo(a)anthracene	5000	72 J	6/22/2004
B8	0 to 6	Chrysene	450000	90 J	6/22/2004
B8	0 to 6	Benzo(b)fluoranthene	5000	130 J	6/22/2004
B8	0 to 6	Benzo(k)fluoranthene	45000	1100 U	6/22/2004
B8	0 to 6	Benzo(a)pyrene	500	1100 U	6/22/2004
B8	0 to 6	Indeno(1,2,3-cd)pyrene	5000	1100 U	6/22/2004
B8	0 to 6	Dibenz(a,h)anthracene	500	1100 U	6/22/2004
B9	0 to 6	Naphthalene	6000	1100 U	6/22/2004
B9	0 to 6	2-methyl-napthalene	230000	1100 U	6/22/2004
B9	0 to 6	Benzo(a)anthracene	5000	140 J	6/22/2004
B9	0 to 6	Chrysene	450000	170 J	6/22/2004
B9	0 to 6	Benzo(b)fluoranthene	5000	220 J	6/22/2004
B9	0 to 6	Benzo(k)fluoranthene	45000	1100 U	6/22/2004
B9	0 to 6	Benzo(a)pyrene	500	160 J	6/22/2004
B9	0 to 6	Indeno(1,2,3-cd)pyrene	5000	98 J	6/22/2004
B9	0 to 6	Dibenz(a,h)anthracene	500	1100 U	6/22/2004
B9 DUP	0 to 6	Naphthalene	6000	1100 U	6/22/2004
B9 DUP	0 to 6	2-methyl-napthalene	230000	1100 U	6/22/2004
B9 DUP	0 to 6	Benzo(a)anthracene	5000	140 J	6/22/2004
B9 DUP	0 to 6	Chrysene	450000	170 J	6/22/2004

TABLE 1
2004 Parcel 82 Polynuclear Aromatic Hydrocarbons Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Boring	Depth (Inches)	Analyte	*NJDEP RDCSRS* (µg/Kg)	Result (µg/Kg)	Date Sampled
B9 DUP	0 to 6	Benzo(b)fluoranthene	5000	220 J	6/22/2004
B9 DUP	0 to 6	Benzo(k)fluoranthene	45000	1100 U	6/22/2004
B9 DUP	0 to 6	Benzo(a)pyrene	500	160 J	6/22/2004
B9 DUP	0 to 6	Indeno(1,2,3-cd)pyrene	5000	98 J	6/22/2004
B9 DUP	0 to 6	Dibenz(a,h)anthracene	500	1100 U	6/22/2004
B10*	0 to 6	Naphthalene	6000	1100 U	6/22/2004
B10*	0 to 6	2-methyl-napthalene	230000	1100 U	6/22/2004
B10*	0 to 6	Benzo(a)anthracene	5000	1100	6/22/2004
B10*	0 to 6	Chrysene	450000	1200	6/22/2004
B10*	0 to 6	Benzo(b)fluoranthene	5000	1400	6/22/2004
B10*	0 to 6	Benzo(k)fluoranthene	45000	440 J	6/22/2004
B10*	0 to 6	Benzo(a)pyrene	500	910 J	6/22/2004
B10*	0 to 6	Indeno(1,2,3-cd)pyrene	5000	460 J	6/22/2004
B10*	0 to 6	Dibenz(a,h)anthracene	500	160 J	6/22/2004
B10*	12 to 18	Naphthalene	6000	1200 U	7/22/2004
B10*	12 to 18	2-methyl-napthalene	230000	1200 U	7/22/2004
B10*	12 to 18	Benzo(a)anthracene	5000	110 J	7/22/2004
B10*	12 to 18	Chrysene	450000	140 J	7/22/2004
B10*	12 to 18	Benzo(b)fluoranthene	5000	170 J	7/22/2004
B10*	12 to 18	Benzo(k)fluoranthene	45000	1200 U	7/22/2004
B10*	12 to 18	Benzo(a)pyrene	500	110 J	7/22/2004
B10*	12 to 18	Indeno(1,2,3-cd)pyrene	5000	1200 U	7/22/2004
B10*	12 to 18	Dibenz(a,h)anthracene	500	1200 U	7/22/2004
B10A*	0 to 6	Naphthalene	6000	1100 U	7/22/2004
B10A*	0 to 6	2-methyl-napthalene	230000	1100 U	7/22/2004
B10A*	0 to 6	Benzo(a)anthracene	5000	310 J	7/22/2004
B10A*	0 to 6	Chrysene	450000	420 J	7/22/2004
B10A*	0 to 6	Benzo(b)fluoranthene	5000	500 J	7/22/2004
B10A*	0 to 6	Benzo(k)fluoranthene	45000	170 J	7/22/2004
B10A*	0 to 6	Benzo(a)pyrene	500	340 J	7/22/2004
B10A*	0 to 6	Indeno(1,2,3-cd)pyrene	5000	150 J	7/22/2004
B10A*	0 to 6	Dibenz(a,h)anthracene	500	1100 U	7/22/2004
B10B*	0 to 6	Naphthalene	6000	1200 U	7/22/2004
B10B*	0 to 6	2-methyl-napthalene	230000	1200 U	7/22/2004

TABLE 1
2004 Parcel 82 Polynuclear Aromatic Hydrocarbons Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Boring	Depth (Inches)	Analyte	*NJDEP RDCSRS* (µg/Kg)	Result (µg/Kg)	Date Sampled
B10B*	0 to 6	Benzo(a)anthracene	5000	120 J	7/22/2004
B10B*	0 to 6	Chrysene	450000	190 J	7/22/2004
B10B*	0 to 6	Benzo(b)fluoranthene	5000	260 J	7/22/2004
B10B*	0 to 6	Benzo(k)fluoranthene	45000	1200 U	7/22/2004
B10B*	0 to 6	Benzo(a)pyrene	500	140 J	7/22/2004
B10B*	0 to 6	Indeno(1,2,3-cd)pyrene	5000	1200 U	7/22/2004
B10B*	0 to 6	Dibenz(a,h)anthracene	500	1200 U	7/22/2004
B10C*	0 to 6	Naphthalene	6000	1100 U	7/22/2004
B10C*	0 to 6	2-methyl-napthalene	230000	1100 U	7/22/2004
B10C*	0 to 6	Benzo(a)anthracene	5000	140 J	7/22/2004
B10C*	0 to 6	Chrysene	450000	250 J	7/22/2004
B10C*	0 to 6	Benzo(b)fluoranthene	5000	280 J	7/22/2004
B10C*	0 to 6	Benzo(k)fluoranthene	45000	76 J	7/22/2004
B10C*	0 to 6	Benzo(a)pyrene	500	140 J	7/22/2004
B10C*	0 to 6	Indeno(1,2,3-cd)pyrene	5000	140 J	7/22/2004
B10C*	0 to 6	Dibenz(a,h)anthracene	500	1100 U	7/22/2004
B10D*	0 to 6	Naphthalene	6000	1100 U	7/22/2004
B10D*	0 to 6	2-methyl-napthalene	230000	1100 U	7/22/2004
B10D*	0 to 6	Benzo(a)anthracene	5000	340 J	7/22/2004
B10D*	0 to 6	Chrysene	450000	440 J	7/22/2004
B10D*	0 to 6	Benzo(b)fluoranthene	5000	610 J	7/22/2004
B10D*	0 to 6	Benzo(k)fluoranthene	45000	260 J	7/22/2004
B10D*	0 to 6	Benzo(a)pyrene	500	400 J	7/22/2004
B10D*	0 to 6	Indeno(1,2,3-cd)pyrene	5000	180 J	7/22/2004
B10D*	0 to 6	Dibenz(a,h)anthracene	500	1100 U	7/22/2004
400B10-PX1	18 to 24	Naphthalene	6000	1200 U	10/21/2004
400B10-PX1	18 to 24	2-methyl-napthalene	230000	1200 U	10/21/2004
400B10-PX1	18 to 24	Benzo(a)anthracene	5000	1200 U	10/21/2004
400B10-PX1	18 to 24	Chrysene	450000	1200 U	10/21/2004
400B10-PX1	18 to 24	Benzo(b)fluoranthene	5000	1200 U	10/21/2004
400B10-PX1	18 to 24	Benzo(k)fluoranthene	45000	1200 U	10/21/2004
400B10-PX1	18 to 24	Benzo(a)pyrene	500	1200 U	10/21/2004
400B10-PX1	18 to 24	Indeno(1,2,3-cd)pyrene	5000	1200 U	10/21/2004
400B10-PX1	18 to 24	Dibenz(a,h)anthracene	500	1200 U	10/21/2004

TABLE 1
2004 Parcel 82 Polynuclear Aromatic Hydrocarbons Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Boring	Depth (Inches)	Analyte	*NJDEP RDCSRS* (µg/Kg)	Result (µg/Kg)	Date Sampled
B11	0 to 6	Naphthalene	6000	1100 U	6/24/2004
B11	0 to 6	2-methyl-napthalene	230000	1100 U	6/24/2004
B11	0 to 6	Benzo(a)anthracene	5000	180 J	6/24/2004
B11	0 to 6	Chrysene	450000	240 J	6/24/2004
B11	0 to 6	Benzo(b)fluoranthene	5000	290 J	6/24/2004
B11	0 to 6	Benzo(k)fluoranthene	45000	140 J	6/24/2004
B11	0 to 6	Benzo(a)pyrene	500	210 J	6/24/2004
B11	0 to 6	Indeno(1,2,3-cd)pyrene	5000	140 J	6/24/2004
B11	0 to 6	Dibenz(a,h)anthracene	500	1100 U	6/24/2004
B12	0 to 6	Naphthalene	6000	1000 U	6/24/2004
B12	0 to 6	2-methyl-napthalene	230000	1000 U	6/24/2004
B12	0 to 6	Benzo(a)anthracene	5000	150 J	6/24/2004
B12	0 to 6	Chrysene	450000	220 J	6/24/2004
B12	0 to 6	Benzo(b)fluoranthene	5000	240 J	6/24/2004
B12	0 to 6	Benzo(k)fluoranthene	45000	1000 U	6/24/2004
B12	0 to 6	Benzo(a)pyrene	500	180 J	6/24/2004
B12	0 to 6	Indeno(1,2,3-cd)pyrene	5000	110 J	6/24/2004
B12	0 to 6	Dibenz(a,h)anthracene	500	1000 U	6/24/2004
B13	0 to 6	Naphthalene	6000	1200 U	6/24/2004
B13	0 to 6	2-methyl-napthalene	230000	1200 U	6/24/2004
B13	0 to 6	Benzo(a)anthracene	5000	390 J	6/24/2004
B13	0 to 6	Chrysene	450000	540 J	6/24/2004
B13	0 to 6	Benzo(b)fluoranthene	5000	680 J	6/24/2004
B13	0 to 6	Benzo(k)fluoranthene	45000	190 J	6/24/2004
B13	0 to 6	Benzo(a)pyrene	500	500 J	6/24/2004
B13	0 to 6	Indeno(1,2,3-cd)pyrene	5000	390 J	6/24/2004
B13	0 to 6	Dibenz(a,h)anthracene	500	1200 U	6/24/2004
B14*	0 to 6	Naphthalene	6000	11000 U	6/24/2004
B14*	0 to 6	2-methyl-napthalene	230000	11000 U	6/24/2004
B14*	0 to 6	Benzo(a)anthracene	5000	2600 JD	6/24/2004
B14*	0 to 6	Chrysene	450000	3200 JD	6/24/2004
B14*	0 to 6	Benzo(b)fluoranthene	5000	4000 JD	6/24/2004
B14*	0 to 6	Benzo(k)fluoranthene	45000	1100 JD	6/24/2004
B14*	0 to 6	Benzo(a)pyrene	500	3300 JD	6/24/2004
B14*	0 to 6	Indeno(1,2,3-cd)pyrene	5000	2300 JD	6/24/2004

TABLE 1
2004 Parcel 82 Polynuclear Aromatic Hydrocarbons Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Boring	Depth (Inches)	Analyte	*NJDEP RDCSRS* (µg/Kg)	Result (µg/Kg)	Date Sampled
B14*	0 to 6	Dibenz(a,h)anthracene	500	11000 JD	6/24/2004
B14*	12 to 18	Naphthalene	6000	11000 U	7/22/2004
B14*	12 to 18	2-methyl-napthalene	230000	11000 U	7/22/2004
B14*	12 to 18	Benzo(a)anthracene	5000	2600 JD	7/22/2004
B14*	12 to 18	Chrysene	450000	3200 JD	7/22/2004
B14*	12 to 18	Benzo(b)fluoranthene	5000	4000 JD	7/22/2004
B14*	12 to 18	Benzo(k)fluoranthene	45000	1100 JD	7/22/2004
B14*	12 to 18	Benzo(a)pyrene	500	3300 JD	7/22/2004
B14*	12 to 18	Indeno(1,2,3-cd)pyrene	5000	2300 JD	7/22/2004
B14*	12 to 18	Dibenz(a,h)anthracene	500	11000 JD	7/22/2004
B14 DUP*	12 to 18	Naphthalene	6000	1200 U	7/22/2004
B14 DUP*	12 to 18	2-methyl-napthalene	230000	1200 U	7/22/2004
B14 DUP*	12 to 18	Benzo(a)anthracene	5000	110 J	7/22/2004
B14 DUP*	12 to 18	Chrysene	450000	140 J	7/22/2004
B14 DUP*	12 to 18	Benzo(b)fluoranthene	5000	170 J	7/22/2004
B14 DUP*	12 to 18	Benzo(k)fluoranthene	45000	1200 U	7/22/2004
B14 DUP*	12 to 18	Benzo(a)pyrene	500	120 J	7/22/2004
B14 DUP*	12 to 18	Indeno(1,2,3-cd)pyrene	5000	1200 U	7/22/2004
B14 DUP*	12 to 18	Dibenz(a,h)anthracene	500	1200 U	7/22/2004
B14 A*	0 to 6	Naphthalene	6000	1100 JD	7/22/2004
B14 A*	0 to 6	2-methyl-napthalene	230000	900 JD	7/22/2004
B14 A*	0 to 6	Benzo(a)anthracene	5000	27000 D	7/22/2004
B14 A*	0 to 6	Chrysene	450000	37000 D	7/22/2004
B14 A*	0 to 6	Benzo(b)fluoranthene	5000	37000 D	7/22/2004
B14 A*	0 to 6	Benzo(k)fluoranthene	45000	13000 D	7/22/2004
B14 A*	0 to 6	Benzo(a)pyrene	500	31000 D	7/22/2004
B14 A*	0 to 6	Indeno(1,2,3-cd)pyrene	5000	11000 D	7/22/2004
B14 A*	0 to 6	Dibenz(a,h)anthracene	500	4100 JD	7/22/2004
B14 A1*	0 to 6	Naphthalene	6000	1200 U	8/4/2004
B14 A1*	0 to 6	2-methyl-napthalene	230000	1200 U	8/4/2004
B14 A1*	0 to 6	Benzo(a)anthracene	5000	1200 U	8/4/2004
B14 A1*	0 to 6	Chrysene	450000	1200 U	8/4/2004
B14 A1*	0 to 6	Benzo(b)fluoranthene	5000	1200 U	8/4/2004
B14 A1*	0 to 6	Benzo(k)fluoranthene	45000	1200 U	8/4/2004

TABLE 1
2004 Parcel 82 Polynuclear Aromatic Hydrocarbons Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Boring	Depth (Inches)	Analyte	*NJDEP RDCSRS* (µg/Kg)	Result (µg/Kg)	Date Sampled
B14 A1*	0 to 6	Benzo(a)pyrene	500	1200 U	8/4/2004
B14 A1*	0 to 6	Indeno(1,2,3-cd)pyrene	5000	1200 U	8/4/2004
B14 A1*	0 to 6	Dibenz(a,h)anthracene	500	1200 U	8/4/2004
B14 B*	0 to 6	Naphthalene	6000	800 JD	7/22/2004
B14 B*	0 to 6	2-methyl-napthalene	230000	650 JD	7/22/2004
B14 B*	0 to 6	Benzo(a)anthracene	5000	17000 D	7/22/2004
B14 B*	0 to 6	Chrysene	450000	21000 D	7/22/2004
B14 B*	0 to 6	Benzo(b)fluoranthene	5000	21000 D	7/22/2004
B14 B*	0 to 6	Benzo(k)fluoranthene	45000	7900 D	7/22/2004
B14 B*	0 to 6	Benzo(a)pyrene	500	20000 D	7/22/2004
B14 B*	0 to 6	Indeno(1,2,3-cd)pyrene	5000	8000 D	7/22/2004
B14 B*	0 to 6	Dibenz(a,h)anthracene	500	2700 D	7/22/2004
B14 B1*	0 to 6	Naphthalene	6000	1900 U	8/4/2004
B14 B1*	0 to 6	2-methyl-napthalene	230000	1900 U	8/4/2004
B14 B1*	0 to 6	Benzo(a)anthracene	5000	270 J	8/4/2004
B14 B1*	0 to 6	Chrysene	450000	420 J	8/4/2004
B14 B1*	0 to 6	Benzo(b)fluoranthene	5000	560 J	8/4/2004
B14 B1*	0 to 6	Benzo(k)fluoranthene	45000	190 J	8/4/2004
B14 B1*	0 to 6	Benzo(a)pyrene	500	350 J	8/4/2004
B14 B1*	0 to 6	Indeno(1,2,3-cd)pyrene	5000	200 J	8/4/2004
B14 B1*	0 to 6	Dibenz(a,h)anthracene	500	1900 U	8/4/2004
B14 C	0 to 6	Naphthalene	6000	1400 U	7/22/2004
B14 C	0 to 6	2-methyl-napthalene	230000	1400 U	7/22/2004
B14 C	0 to 6	Benzo(a)anthracene	5000	470 J	7/22/2004
B14 C	0 to 6	Chrysene	450000	680 J	7/22/2004
B14 C	0 to 6	Benzo(b)fluoranthene	5000	750 J	7/22/2004
B14 C	0 to 6	Benzo(k)fluoranthene	45000	250 J	7/22/2004
B14 C	0 to 6	Benzo(a)pyrene	500	550 J	7/22/2004
B14 C	0 to 6	Indeno(1,2,3-cd)pyrene	5000	270 J	7/22/2004
B14 C	0 to 6	Dibenz(a,h)anthracene	500	1400 U	7/22/2004
B14 D*	0 to 6	Naphthalene	6000	450 JD	7/22/2004
B14 D*	0 to 6	2-methyl-napthalene	230000	5500 U	7/22/2004
B14 D*	0 to 6	Benzo(a)anthracene	5000	6600 D	7/22/2004
B14 D*	0 to 6	Chrysene	450000	8300 D	7/22/2004

TABLE 1
2004 Parcel 82 Polynuclear Aromatic Hydrocarbons Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Boring	Depth (Inches)	Analyte	*NJDEP RDCSRS* (µg/Kg)	Result (µg/Kg)	Date Sampled
B14 D*	0 to 6	Benzo(b)fluoranthene	5000	11000 D	7/22/2004
B14 D*	0 to 6	Benzo(k)fluoranthene	45000	3600 JD	7/22/2004
B14 D*	0 to 6	Benzo(a)pyrene	500	8900 D	7/22/2004
B14 D*	0 to 6	Indeno(1,2,3-cd)pyrene	5000	4300 JD	7/22/2004
B14 D*	0 to 6	Dibenz(a,h)anthracene	500	1400 JD	7/22/2004
B14 D1*	0 to 6	Naphthalene	6000	77 J	8/4/2004
B14 D1*	0 to 6	2-methyl-napthalene	230000	1200 U	8/4/2004
B14 D1*	0 to 6	Benzo(a)anthracene	5000	440 J	8/4/2004
B14 D1*	0 to 6	Chrysene	450000	620 J	8/4/2004
B14 D1*	0 to 6	Benzo(b)fluoranthene	5000	760 J	8/4/2004
B14 D1*	0 to 6	Benzo(k)fluoranthene	45000	270 J	8/4/2004
B14 D1*	0 to 6	Benzo(a)pyrene	500	580 J	8/4/2004
B14 D1*	0 to 6	Indeno(1,2,3-cd)pyrene	5000	320 J	8/4/2004
B14 D1*	0 to 6	Dibenz(a,h)anthracene	500	100 J	8/4/2004
400B14-PX1*	18 to 24	Naphthalene	6000	1200 U	10/21/2004
400B14-PX1*	18 to 24	2-methyl-napthalene	230000	1200 U	10/21/2004
400B14-PX1*	18 to 24	Benzo(a)anthracene	5000	1200 U	10/21/2004
400B14-PX1*	18 to 24	Chrysene	450000	1200 U	10/21/2004
400B14-PX1*	18 to 24	Benzo(b)fluoranthene	5000	1200 U	10/21/2004
400B14-PX1*	18 to 24	Benzo(k)fluoranthene	45000	1200 U	10/21/2004
400B14-PX1*	18 to 24	Benzo(a)pyrene	500	1200 U	10/21/2004
400B14-PX1*	18 to 24	Indeno(1,2,3-cd)pyrene	5000	1200 U	10/21/2004
400B14-PX1*	18 to 24	Dibenz(a,h)anthracene	500	1200 U	10/21/2004
400B14-PX2*	18 to 24	Naphthalene	6000	1200 U	10/21/2004
400B14-PX2*	18 to 24	2-methyl-napthalene	230000	1200 U	10/21/2004
400B14-PX2*	18 to 24	Benzo(a)anthracene	5000	1200 U	10/21/2004
400B14-PX2*	18 to 24	Chrysene	450000	1200 U	10/21/2004
400B14-PX2*	18 to 24	Benzo(b)fluoranthene	5000	1200 U	10/21/2004
400B14-PX2*	18 to 24	Benzo(k)fluoranthene	45000	1200 U	10/21/2004
400B14-PX2*	18 to 24	Benzo(a)pyrene	500	1200 U	10/21/2004
400B14-PX2*	18 to 24	Indeno(1,2,3-cd)pyrene	5000	1200 U	10/21/2004
400B14-PX2*	18 to 24	Dibenz(a,h)anthracene	500	1200 U	10/21/2004
B15*	0 to 6	Naphthalene	6000	1200 U	6/24/2004
B15*	0 to 6	2-methyl-napthalene	230000	1200 U	6/24/2004

TABLE 1
2004 Parcel 82 Polynuclear Aromatic Hydrocarbons Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Boring	Depth (Inches)	Analyte	*NJDEP RDCSRS* (µg/Kg)	Result (µg/Kg)	Date Sampled
B15*	0 to 6	Benzo(a)anthracene	5000	1400	6/24/2004
B15*	0 to 6	Chrysene	450000	1900	6/24/2004
B15*	0 to 6	Benzo(b)fluoranthene	5000	1600	6/24/2004
B15*	0 to 6	Benzo(k)fluoranthene	45000	610 J	6/24/2004
B15*	0 to 6	Benzo(a)pyrene	500	1600	6/24/2004
B15*	0 to 6	Indeno(1,2,3-cd)pyrene	5000	810 J	6/24/2004
B15*	0 to 6	Dibenz(a,h)anthracene	500	280 J	6/24/2004
B15*	12 to 18	Naphthalene	6000	1200 U	7/22/2004
B15*	12 to 18	2-methyl-napthalene	230000	1200 U	7/22/2004
B15*	12 to 18	Benzo(a)anthracene	5000	170 J	7/22/2004
B15*	12 to 18	Chrysene	450000	200 J	7/22/2004
B15*	12 to 18	Benzo(b)fluoranthene	5000	260 J	7/22/2004
B15*	12 to 18	Benzo(k)fluoranthene	45000	82 J	7/22/2004
B15*	12 to 18	Benzo(a)pyrene	500	180 J	7/22/2004
B15*	12 to 18	Indeno(1,2,3-cd)pyrene	5000	72 J	7/22/2004
B15*	12 to 18	Dibenz(a,h)anthracene	500	1200 U	7/22/2004
B15 A*	0 to 6	Naphthalene	6000	160 J	7/22/2004
B15 A*	0 to 6	2-methyl-napthalene	230000	100 J	7/22/2004
B15 A*	0 to 6	Benzo(a)anthracene	5000	4500	7/22/2004
B15 A*	0 to 6	Chrysene	450000	6200	7/22/2004
B15 A*	0 to 6	Benzo(b)fluoranthene	5000	6700	7/22/2004
B15 A*	0 to 6	Benzo(k)fluoranthene	45000	2600	7/22/2004
B15 A*	0 to 6	Benzo(a)pyrene	500	5000	7/22/2004
B15 A*	0 to 6	Indeno(1,2,3-cd)pyrene	5000	1900	7/22/2004
B15 A*	0 to 6	Dibenz(a,h)anthracene	500	670	7/22/2004
B15 A1	0 to 6	Naphthalene	6000	1200 U	8/4/2004
B15 A1	0 to 6	2-methyl-napthalene	230000	1200 U	8/4/2004
B15 A1	0 to 6	Benzo(a)anthracene	5000	79 J	8/4/2004
B15 A1	0 to 6	Chrysene	450000	100 J	8/4/2004
B15 A1	0 to 6	Benzo(b)fluoranthene	5000	110 J	8/4/2004
B15 A1	0 to 6	Benzo(k)fluoranthene	45000	1200 U	8/4/2004
B15 A1	0 to 6	Benzo(a)pyrene	500	83 J	8/4/2004
B15 A1	0 to 6	Indeno(1,2,3-cd)pyrene	5000	1200 U	8/4/2004
B15 A1	0 to 6	Dibenz(a,h)anthracene	500	1200 U	8/4/2004

TABLE 1
2004 Parcel 82 Polynuclear Aromatic Hydrocarbons Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Boring	Depth (Inches)	Analyte	*NJDEP RDCSRS* (µg/Kg)	Result (µg/Kg)	Date Sampled
B15 B*	0 to 6	Naphthalene	6000	96 J	7/22/2004
B15 B*	0 to 6	2-methyl-napthalene	230000	140 J	7/22/2004
B15 B*	0 to 6	Benzo(a)anthracene	5000	510 J	7/22/2004
B15 B*	0 to 6	Chrysene	450000	690 J	7/22/2004
B15 B*	0 to 6	Benzo(b)fluoranthene	5000	1200	7/22/2004
B15 B*	0 to 6	Benzo(k)fluoranthene	45000	320 J	7/22/2004
B15 B*	0 to 6	Benzo(a)pyrene	500	860 J	7/22/2004
B15 B*	0 to 6	Indeno(1,2,3-cd)pyrene	5000	460 J	7/22/2004
B15 B*	0 to 6	Dibenz(a,h)anthracene	500	1100 U	7/22/2004
B15 B1*	0 to 6	Naphthalene	6000	160 J	8/4/2004
B15 B1*	0 to 6	2-methyl-napthalene	230000	1200 U	8/4/2004
B15 B1*	0 to 6	Benzo(a)anthracene	5000	230 J	8/4/2004
B15 B1*	0 to 6	Chrysene	450000	270 J	8/4/2004
B15 B1*	0 to 6	Benzo(b)fluoranthene	5000	230 J	8/4/2004
B15 B1*	0 to 6	Benzo(k)fluoranthene	45000	88 J	8/4/2004
B15 B1*	0 to 6	Benzo(a)pyrene	500	220 J	8/4/2004
B15 B1*	0 to 6	Indeno(1,2,3-cd)pyrene	5000	99 J	8/4/2004
B15 B1*	0 to 6	Dibenz(a,h)anthracene	500	1200 U	8/4/2004
B15 C*	0 to 6	Naphthalene	6000	1200 U	7/22/2004
B15 C*	0 to 6	2-methyl-napthalene	230000	1200 U	7/22/2004
B15 C*	0 to 6	Benzo(a)anthracene	5000	280 J	7/22/2004
B15 C*	0 to 6	Chrysene	450000	300 J	7/22/2004
B15 C*	0 to 6	Benzo(b)fluoranthene	5000	400 J	7/22/2004
B15 C*	0 to 6	Benzo(k)fluoranthene	45000	180 J	7/22/2004
B15 C*	0 to 6	Benzo(a)pyrene	500	290 J	7/22/2004
B15 C*	0 to 6	Indeno(1,2,3-cd)pyrene	5000	130 J	7/22/2004
B15 C*	0 to 6	Dibenz(a,h)anthracene	500	1200 U	7/22/2004
B15 D*	0 to 6	Naphthalene	6000	890 JD	7/22/2004
B15 D*	0 to 6	2-methyl-napthalene	230000	890 JD	7/22/2004
B15 D*	0 to 6	Benzo(a)anthracene	5000	10000 D	7/22/2004
B15 D*	0 to 6	Chrysene	450000	13000 D	7/22/2004
B15 D*	0 to 6	Benzo(b)fluoranthene	5000	15000 D	7/22/2004
B15 D*	0 to 6	Benzo(k)fluoranthene	45000	5600 JD	7/22/2004
B15 D*	0 to 6	Benzo(a)pyrene	500	15000 D	7/22/2004
B15 D*	0 to 6	Indeno(1,2,3-cd)pyrene	5000	6000 D	7/22/2004

TABLE 1
2004 Parcel 82 Polynuclear Aromatic Hydrocarbons Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Boring	Depth (Inches)	Analyte	*NJDEP RDCSRS* (µg/Kg)	Result (µg/Kg)	Date Sampled
B15 D*	0 to 6	Dibenz(a,h)anthracene	500	2000 JD	7/22/2004
B15 D1*	0 to 6	Naphthalene	6000	1100 U	8/4/2004
B15 D1*	0 to 6	2-methyl-napthalene	230000	1100 U	8/4/2004
B15 D1*	0 to 6	Benzo(a)anthracene	5000	85 J	8/4/2004
B15 D1*	0 to 6	Chrysene	450000	96 J	8/4/2004
B15 D1*	0 to 6	Benzo(b)fluoranthene	5000	110 J	8/4/2004
B15 D1*	0 to 6	Benzo(k)fluoranthene	45000	1100 U	8/4/2004
B15 D1*	0 to 6	Benzo(a)pyrene	500	80 J	8/4/2004
B15 D1*	0 to 6	Indeno(1,2,3-cd)pyrene	5000	1100 U	8/4/2004
B15 D1*	0 to 6	Dibenz(a,h)anthracene	500	1100 U	8/4/2004
B15 D1A	0 to 6	Naphthalene	6000	1200 U	8/4/2004
B15 D1A	0 to 6	2-methyl-napthalene	230000	1200 U	8/4/2004
B15 D1A	0 to 6	Benzo(a)anthracene	5000	1200 U	8/4/2004
B15 D1A	0 to 6	Chrysene	450000	1200 U	8/4/2004
B15 D1A	0 to 6	Benzo(b)fluoranthene	5000	77 J	8/4/2004
B15 D1A	0 to 6	Benzo(k)fluoranthene	45000	1200 U	8/4/2004
B15 D1A	0 to 6	Benzo(a)pyrene	500	1200 U	8/4/2004
B15 D1A	0 to 6	Indeno(1,2,3-cd)pyrene	5000	1200 U	8/4/2004
B15 D1A	0 to 6	Dibenz(a,h)anthracene	500	1200 U	8/4/2004
400B15-PX1	18 to 24	Naphthalene	6000	1200 U	10/20/2004
400B15-PX1	18 to 24	2-methyl-napthalene	230000	1200 U	10/20/2004
400B15-PX1	18 to 24	Benzo(a)anthracene	5000	920 J	10/20/2004
400B15-PX1	18 to 24	Chrysene	450000	1200	10/20/2004
400B15-PX1	18 to 24	Benzo(b)fluoranthene	5000	1200	10/20/2004
400B15-PX1	18 to 24	Benzo(k)fluoranthene	45000	430 J	10/20/2004
400B15-PX1	18 to 24	Benzo(a)pyrene	500	970 J	10/20/2004
400B15-PX1	18 to 24	Indeno(1,2,3-cd)pyrene	5000	540 J	10/20/2004
400B15-PX1	18 to 24	Dibenz(a,h)anthracene	500	130 J	10/20/2004
400B15-PX2	18 to 24	Naphthalene	6000	1200 U	10/20/2004
400B15-PX2	18 to 24	2-methyl-napthalene	230000	1200 U	10/20/2004
400B15-PX2	18 to 24	Benzo(a)anthracene	5000	1200 U	10/20/2004
400B15-PX2	18 to 24	Chrysene	450000	1200 U	10/20/2004
400B15-PX2	18 to 24	Benzo(b)fluoranthene	5000	1200 U	10/20/2004
400B15-PX2	18 to 24	Benzo(k)fluoranthene	45000	1200 U	10/20/2004

TABLE 1
2004 Parcel 82 Polynuclear Aromatic Hydrocarbons Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Boring	Depth (Inches)	Analyte	*NJDEP RDCSRS* (µg/Kg)	Result (µg/Kg)	Date Sampled
400B15-PX2	18 to 24	Benzo(a)pyrene	500	1200 U	10/20/2004
400B15-PX2	18 to 24	Indeno(1,2,3-cd)pyrene	5000	1200 U	10/20/2004
400B15-PX2	18 to 24	Dibenz(a,h)anthracene	500	1200 U	10/20/2004
400B15-DUP	18 to 24	Naphthalene	6000	1200 U	10/20/2004
400B15-DUP	18 to 24	2-methyl-napthalene	230000	1200 U	10/20/2004
400B15-DUP	18 to 24	Benzo(a)anthracene	5000	150 J	10/20/2004
400B15-DUP	18 to 24	Chrysene	450000	200 J	10/20/2004
400B15-DUP	18 to 24	Benzo(b)fluoranthene	5000	210 J	10/20/2004
400B15-DUP	18 to 24	Benzo(k)fluoranthene	45000	76 J	10/20/2004
400B15-DUP	18 to 24	Benzo(a)pyrene	500	160 J	10/20/2004
400B15-DUP	18 to 24	Indeno(1,2,3-cd)pyrene	5000	98 J	10/20/2004
400B15-DUP	18 to 24	Dibenz(a,h)anthracene	500	1200 U	10/20/2004
400B15-PX3	30 to 36	Naphthalene	6000	1200 U	11/4/2004
400B15-PX3	30 to 36	2-methyl-napthalene	230000	1200 U	11/4/2004
400B15-PX3	30 to 36	Benzo(a)anthracene	5000	1200 U	11/4/2004
400B15-PX3	30 to 36	Chrysene	450000	1200 U	11/4/2004
400B15-PX3	30 to 36	Benzo(b)fluoranthene	5000	1200 U	11/4/2004
400B15-PX3	30 to 36	Benzo(k)fluoranthene	45000	1200 U	11/4/2004
400B15-PX3	30 to 36	Benzo(a)pyrene	500	1200 U	11/4/2004
400B15-PX3	30 to 36	Indeno(1,2,3-cd)pyrene	5000	1200 U	11/4/2004
400B15-PX3	30 to 36	Dibenz(a,h)anthracene	500	1200 U	11/4/2004

Footnotes:

Cell shade value represents a result that is above the NJDEP RDCSRS

* Soil represented by these samples was excavated to a depth of 0.5-2.0 feet bgs and removed in October 2004

ug/Kg = micrograms/kilogram

D = Results from dilution of sample

J = estimated value due to a concentration below the reporting limit or due to discrepencies in meeting certain analyte -spcific quality control

U = non-detect, i.e. not detected at or above this value

The NJ Residential Direct Contact Soil Remediation Standards refers to the NJDEP's September 18, 2017 Remediation Standards (http://www.nj.gov/dep/rules/rules/njac7_26d.pdf)

TABLE 2
2004 PARCEL 82 Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Location	Depth (Inches)	PCB	*NJDEP RDCSRS (m* g/Kg)	Result (mg/kg)	Date	Round
B1	0 to 6	Aroclor 1016	0.2	ND	6/21/2004	
B1	0 to 6	Aroclor 1221	0.2	ND	6/21/2004	
B1	0 to 6	Aroclor 1248	0.2	ND	6/21/2004	
B1	0 to 6	Aroclor 1242	0.2	ND	6/21/2004	
B1	0 to 6	Aroclor 1232	0.2	ND	6/21/2004	
B1	0 to 6	Aroclor 1254	0.2	ND	6/21/2004	
B1	0 to 6	Aroclor 1260	0.2	0.052	6/21/2004	
B2	0 to 6	Aroclor 1016	0.2	ND	6/21/2004	
B2	0 to 6	Aroclor 1221	0.2	ND	6/21/2004	
B2	0 to 6	Aroclor 1248	0.2	ND	6/21/2004	
B2	0 to 6	Aroclor 1242	0.2	ND	6/21/2004	
B2	0 to 6	Aroclor 1232	0.2	ND	6/21/2004	
B2	0 to 6	Aroclor 1254	0.2	ND	6/21/2004	
B2	0 to 6	Aroclor 1260	0.2	0.078	6/21/2004	
B3	0 to 6	Aroclor 1016	0.2	ND	6/21/2004	
B3	0 to 6	Aroclor 1221	0.2	ND	6/21/2004	
B3	0 to 6	Aroclor 1248	0.2	ND	6/21/2004	
B3	0 to 6	Aroclor 1242	0.2	ND	6/21/2004	
B3	0 to 6	Aroclor 1232	0.2	ND	6/21/2004	
B3	0 to 6	Aroclor 1254	0.2	ND	6/21/2004	
B3	0 to 6	Aroclor 1260	0.2	0.072	6/21/2004	
B4	0 to 6	Aroclor 1016	0.2	ND	6/21/2004	
B4	0 to 6	Aroclor 1221	0.2	ND	6/21/2004	
B4	0 to 6	Aroclor 1248	0.2	ND	6/21/2004	
B4	0 to 6	Aroclor 1242	0.2	ND	6/21/2004	
B4	0 to 6	Aroclor 1232	0.2	ND	6/21/2004	
B4	0 to 6	Aroclor 1254	0.2	ND	6/21/2004	
B4	0 to 6	Aroclor 1260	0.2	0.16	6/21/2004	
B5	0 to 6	Aroclor 1016	0.2	ND	6/21/2004	
B5	0 to 6	Aroclor 1221	0.2	ND	6/21/2004	
B5	0 to 6	Aroclor 1248	0.2	ND	6/21/2004	
B5	0 to 6	Aroclor 1242	0.2	ND	6/21/2004	
B5	0 to 6	Aroclor 1232	0.2	ND	6/21/2004	
B5	0 to 6	Aroclor 1254	0.2	ND	6/21/2004	
B5	0 to 6	Aroclor 1260	0.2	0.033	6/21/2004	

TABLE 2
2004 PARCEL 82 Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Location	Depth (Inches)	PCB	*NJDEP RDCSRS (m* g/Kg)	Result (mg/kg)	Date	Round
B6*	0 to 6	Aroclor 1016	0.2	ND	6/21/2004	
B6*	0 to 6	Aroclor 1221	0.2	ND	6/21/2004	
B6*	0 to 6	Aroclor 1248	0.2	ND	6/21/2004	
B6*	0 to 6	Aroclor 1242	0.2	ND	6/21/2004	
B6*	0 to 6	Aroclor 1232	0.2	ND	6/21/2004	
B6*	0 to 6	Aroclor 1254	0.2	ND	6/21/2004	
B6*	0 to 6	Aroclor 1260	0.2	2.00	6/21/2004	
B6*	12 to 18	Aroclor 1016	0.2	ND	7/23/2004	1
B6*	12 to 18	Aroclor 1221	0.2	ND	7/23/2004	1
B6*	12 to 18	Aroclor 1248	0.2	ND	7/23/2004	1
B6*	12 to 18	Aroclor 1242	0.2	ND	7/23/2004	1
B6*	12 to 18	Aroclor 1232	0.2	ND	7/23/2004	1
B6*	12 to 18	Aroclor 1254	0.2	ND	7/23/2004	1
B6*	12 to 18	Aroclor 1260	0.2	ND	7/23/2004	1
B6A*	0 to 6	Aroclor 1016	0.2	ND	7/23/2004	1
B6A*	0 to 6	Aroclor 1221	0.2	ND	7/23/2004	1
B6A*	0 to 6	Aroclor 1248	0.2	ND	7/23/2004	1
B6A*	0 to 6	Aroclor 1242	0.2	ND	7/23/2004	1
B6A*	0 to 6	Aroclor 1232	0.2	ND	7/23/2004	1
B6A*	0 to 6	Aroclor 1254	0.2	ND	7/23/2004	1
B6A*	0 to 6	Aroclor 1260	0.2	ND	7/23/2004	1
B6B*	0 to 6	Aroclor 1016	0.2	ND	7/23/2004	1
B6B*	0 to 6	Aroclor 1221	0.2	ND	7/23/2004	1
B6B*	0 to 6	Aroclor 1248	0.2	ND	7/23/2004	1
B6B*	0 to 6	Aroclor 1242	0.2	ND	7/23/2004	1
B6B*	0 to 6	Aroclor 1232	0.2	ND	7/23/2004	1
B6B*	0 to 6	Aroclor 1254	0.2	ND	7/23/2004	1
B6B*	0 to 6	Aroclor 1260	0.2	ND	7/23/2004	1
B6C*	0 to 6	Aroclor 1016	0.2	ND	7/23/2004	1
B6C*	0 to 6	Aroclor 1221	0.2	ND	7/23/2004	1
B6C*	0 to 6	Aroclor 1248	0.2	ND	7/23/2004	1
B6C*	0 to 6	Aroclor 1242	0.2	ND	7/23/2004	1
B6C*	0 to 6	Aroclor 1232	0.2	ND	7/23/2004	1
B6C*	0 to 6	Aroclor 1254	0.2	ND	7/23/2004	1

TABLE 2
2004 PARCEL 82 Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Location	Depth (Inches)	PCB	*NJDEP RDCSRS (m* g/Kg)	Result (mg/kg)	Date	Round
B6C*	0 to 6	Aroclor 1260	0.2	ND	7/23/2004	1
B6D*	0 to 6	Aroclor 1016	0.2	ND	7/23/2004	1
B6D*	0 to 6	Aroclor 1221	0.2	ND	7/23/2004	1
B6D*	0 to 6	Aroclor 1248	0.2	ND	7/23/2004	1
B6D*	0 to 6	Aroclor 1242	0.2	ND	7/23/2004	1
B6D*	0 to 6	Aroclor 1232	0.2	ND	7/23/2004	1
B6D*	0 to 6	Aroclor 1254	0.2	ND	7/23/2004	1
B6D*	0 to 6	Aroclor 1260	0.2	ND	7/23/2004	1
B7*	0 to 6	Aroclor 1016	0.2	ND	6/21/2004	
B7*	0 to 6	Aroclor 1221	0.2	ND	6/21/2004	
B7*	0 to 6	Aroclor 1248	0.2	ND	6/21/2004	
B7*	0 to 6	Aroclor 1242	0.2	ND	6/21/2004	
B7*	0 to 6	Aroclor 1232	0.2	ND	6/21/2004	
B7*	0 to 6	Aroclor 1254	0.2	ND	6/21/2004	
B7*	0 to 6	Aroclor 1260	0.2	12.00	6/21/2004	
B7*	12 to 18	Aroclor 1016	0.2	ND	7/27/2004	1
B7*	12 to 18	Aroclor 1221	0.2	ND	7/27/2004	1
B7*	12 to 18	Aroclor 1248	0.2	ND	7/27/2004	1
B7*	12 to 18	Aroclor 1242	0.2	ND	7/27/2004	1
B7*	12 to 18	Aroclor 1232	0.2	ND	7/27/2004	1
B7*	12 to 18	Aroclor 1254	0.2	26.00	7/27/2004	1
B7*	12 to 18	Aroclor 1260	0.2	ND	7/27/2004	1
B7 DUP*	12 to 18	Aroclor 1016	0.2	ND	7/27/2004	1
B7 DUP*	12 to 18	Aroclor 1221	0.2	ND	7/27/2004	1
B7 DUP*	12 to 18	Aroclor 1248	0.2	ND	7/27/2004	1
B7 DUP*	12 to 18	Aroclor 1242	0.2	ND	7/27/2004	1
B7 DUP*	12 to 18	Aroclor 1232	0.2	ND	7/27/2004	1
B7 DUP*	12 to 18	Aroclor 1254	0.2	20.00	7/27/2004	1
B7 DUP*	12 to 18	Aroclor 1260	0.2	ND	7/27/2004	1
B7A*	0 to 6	Aroclor 1016	0.2	ND	7/27/2004	1
B7A*	0 to 6	Aroclor 1221	0.2	ND	7/27/2004	1
B7A*	0 to 6	Aroclor 1248	0.2	ND	7/27/2004	1
B7A*	0 to 6	Aroclor 1242	0.2	ND	7/27/2004	1
B7A*	0 to 6	Aroclor 1232	0.2	ND	7/27/2004	1

TABLE 2
2004 PARCEL 82 Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Location	Depth (Inches)	PCB	*NJDEP RDCSRS (m* g/Kg)	Result (mg/kg)	Date	Round
B7A*	0 to 6	Aroclor 1254	0.2	12.00	7/27/2004	1
B7A*	0 to 6	Aroclor 1260	0.2	ND	7/27/2004	1
B7A1*	0 to 6	Aroclor 1016	0.2	ND	8/4/2004	2
B7A1*	0 to 6	Aroclor 1221	0.2	ND	8/4/2004	2
B7A1*	0 to 6	Aroclor 1248	0.2	ND	8/4/2004	2
B7A1*	0 to 6	Aroclor 1242	0.2	ND	8/4/2004	2
B7A1*	0 to 6	Aroclor 1232	0.2	ND	8/4/2004	2
B7A1*	0 to 6	Aroclor 1254	0.2	29.00	8/4/2004	2
B7A1*	0 to 6	Aroclor 1260	0.2	ND	8/4/2004	2
B7A2*	0 to 6	Aroclor 1016	0.2	ND	8/12/2004	3
B7A2*	0 to 6	Aroclor 1221	0.2	ND	8/12/2004	3
B7A2*	0 to 6	Aroclor 1248	0.2	ND	8/12/2004	3
B7A2*	0 to 6	Aroclor 1242	0.2	ND	8/12/2004	3
B7A2*	0 to 6	Aroclor 1232	0.2	ND	8/12/2004	3
B7A2*	0 to 6	Aroclor 1254	0.2	4.10	8/12/2004	3
B7A2*	0 to 6	Aroclor 1260	0.2	ND	8/12/2004	3
B7A2B*	0 to 6	Aroclor 1016	0.2	ND	8/12/2004	3
B7A2B*	0 to 6	Aroclor 1221	0.2	ND	8/12/2004	3
B7A2B*	0 to 6	Aroclor 1248	0.2	ND	8/12/2004	3
B7A2B*	0 to 6	Aroclor 1242	0.2	ND	8/12/2004	3
B7A2B*	0 to 6	Aroclor 1232	0.2	ND	8/12/2004	3
B7A2B*	0 to 6	Aroclor 1254	0.2	19.00	8/12/2004	3
B7A2B*	0 to 6	Aroclor 1260	0.2	ND		3
B7A2D*	0 to 6	Aroclor 1016	0.2	ND	8/12/2004	3
B7A2D*	0 to 6	Aroclor 1221	0.2	ND	8/12/2004	3
B7A2D*	0 to 6	Aroclor 1248	0.2	ND	8/12/2004	3
B7A2D*	0 to 6	Aroclor 1242	0.2	ND	8/12/2004	3
B7A2D*	0 to 6	Aroclor 1232	0.2	ND	8/12/2004	3
B7A2D*	0 to 6	Aroclor 1254	0.2	15.00	8/12/2004	3
B7A2D*	0 to 6	Aroclor 1260	0.2	ND		3
B7A3*	0 to 6	Aroclor 1016	0.2	ND	8/19/2004	4
B7A3*	0 to 6	Aroclor 1221	0.2	ND	8/19/2004	4
B7A3*	0 to 6	Aroclor 1248	0.2	ND	8/19/2004	4
B7A3*	0 to 6	Aroclor 1242	0.2	ND	8/19/2004	4

TABLE 2
2004 PARCEL 82 Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Location	Depth (Inches)	PCB	*NJDEP RDCSRS (m* g/Kg)	Result (mg/kg)	Date	Round
B7A3*	0 to 6	Aroclor 1232	0.2	ND	8/19/2004	4
B7A3*	0 to 6	Aroclor 1254	0.2	4.40	8/19/2004	4
B7A3*	0 to 6	Aroclor 1260	0.2	ND	8/19/2004	4
B7A3A*	0 to 6	Aroclor 1016	0.2	ND	8/19/2004	4
B7A3A*	0 to 6	Aroclor 1221	0.2	ND	8/19/2004	4
B7A3A*	0 to 6	Aroclor 1248	0.2	ND	8/19/2004	4
B7A3A*	0 to 6	Aroclor 1242	0.2	ND	8/19/2004	4
B7A3A*	0 to 6	Aroclor 1232	0.2	ND	8/19/2004	4
B7A3A*	0 to 6	Aroclor 1254	0.2	5.00	8/19/2004	4
B7A3A*	0 to 6	Aroclor 1260	0.2	ND	8/19/2004	4
B7A3B*	0 to 6	Aroclor 1016	0.2	ND	8/19/2004	4
B7A3B*	0 to 6	Aroclor 1221	0.2	ND	8/19/2004	4
B7A3B*	0 to 6	Aroclor 1248	0.2	ND	8/19/2004	4
B7A3B*	0 to 6	Aroclor 1242	0.2	ND	8/19/2004	4
B7A3B*	0 to 6	Aroclor 1232	0.2	ND	8/19/2004	4
B7A3B*	0 to 6	Aroclor 1254	0.2	16.00	8/19/2004	4
B7A3B*	0 to 6	Aroclor 1260	0.2	ND	8/19/2004	4
B7A3C*	0 to 6	Aroclor 1016	0.2	ND	8/19/2004	4
B7A3C*	0 to 6	Aroclor 1221	0.2	ND	8/19/2004	4
B7A3C*	0 to 6	Aroclor 1248	0.2	ND	8/19/2004	4
B7A3C*	0 to 6	Aroclor 1242	0.2	ND	8/19/2004	4
B7A3C*	0 to 6	Aroclor 1232	0.2	ND	8/19/2004	4
B7A3C*	0 to 6	Aroclor 1254	0.2	15.00	8/19/2004	4
B7A3C*	0 to 6	Aroclor 1260	0.2	ND	8/19/2004	4
B7A3D*	0 to 6	Aroclor 1016	0.2	ND	8/19/2004	4
B7A3D*	0 to 6	Aroclor 1221	0.2	ND	8/19/2004	4
B7A3D*	0 to 6	Aroclor 1248	0.2	ND	8/19/2004	4
B7A3D*	0 to 6	Aroclor 1242	0.2	ND	8/19/2004	4
B7A3D*	0 to 6	Aroclor 1232	0.2	ND	8/19/2004	4
B7A3D*	0 to 6	Aroclor 1254	0.2	4.00	8/19/2004	4
B7A3D*	0 to 6	Aroclor 1260	0.2	ND	8/19/2004	4
B7B*	0 to 6	Aroclor 1016	0.2	ND	7/27/2004	1
B7B*	0 to 6	Aroclor 1221	0.2	ND	7/27/2004	1
B7B*	0 to 6	Aroclor 1248	0.2	ND	7/27/2004	1

TABLE 2
2004 PARCEL 82 Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Location	Depth (Inches)	PCB	*NJDEP RDCSRS (m* g/Kg)	Result (mg/kg)	Date	Round
B7B*	0 to 6	Aroclor 1242	0.2	ND	7/27/2004	1
B7B*	0 to 6	Aroclor 1232	0.2	ND	7/27/2004	1
B7B*	0 to 6	Aroclor 1254	0.2	30.00	7/27/2004	1
B7B*	0 to 6	Aroclor 1260	0.2	ND	7/27/2004	1
B7B1*	0 to 6	Aroclor 1016	0.2	ND	8/6/2004	2
B7B1*	0 to 6	Aroclor 1221	0.2	ND	8/6/2004	2
B7B1*	0 to 6	Aroclor 1248	0.2	ND	8/6/2004	2
B7B1*	0 to 6	Aroclor 1242	0.2	ND	8/6/2004	2
B7B1*	0 to 6	Aroclor 1232	0.2	ND	8/6/2004	2
B7B1*	0 to 6	Aroclor 1254	0.2	25.00	8/6/2004	2
B7B1*	0 to 6	Aroclor 1260	0.2	ND	8/6/2004	2
B7B1A*	0 to 6	Aroclor 1016	0.2	ND	8/12/2004	3
B7B1A*	0 to 6	Aroclor 1221	0.2	ND	8/12/2004	3
B7B1A*	0 to 6	Aroclor 1248	0.2	ND	8/12/2004	3
B7B1A*	0 to 6	Aroclor 1242	0.2	ND	8/12/2004	3
B7B1A*	0 to 6	Aroclor 1232	0.2	ND	8/12/2004	3
B7B1A*	0 to 6	Aroclor 1254	0.2	13.00	8/12/2004	3
B7B1A*	0 to 6	Aroclor 1260	0.2	ND	8/12/2004	3
B7B1B	0 to 6	Aroclor 1016	0.2	ND	8/12/2004	3
B7B1B	0 to 6	Aroclor 1221	0.2	ND	8/12/2004	3
B7B1B	0 to 6	Aroclor 1248	0.2	ND	8/12/2004	3
B7B1B	0 to 6	Aroclor 1242	0.2	ND	8/12/2004	3
B7B1B	0 to 6	Aroclor 1232	0.2	ND	8/12/2004	3
B7B1B	0 to 6	Aroclor 1254	0.2	0.26	8/12/2004	3
B7B1B	0 to 6	Aroclor 1260	0.2	ND	8/12/2004	3
B7B1C	0 to 6	Aroclor 1016	0.2	ND	8/12/2004	3
B7B1C	0 to 6	Aroclor 1221	0.2	ND	8/12/2004	3
B7B1C	0 to 6	Aroclor 1248	0.2	ND	8/12/2004	3
B7B1C	0 to 6	Aroclor 1242	0.2	ND	8/12/2004	3
B7B1C	0 to 6	Aroclor 1232	0.2	ND	8/12/2004	3
B7B1C	0 to 6	Aroclor 1254	0.2	0.14	8/12/2004	3
B7B1C	0 to 6	Aroclor 1260	0.2	ND	8/12/2004	3
B7C *	0 to 6	Aroclor 1016	0.2	ND	7/27/2004	1
B7C *	0 to 6	Aroclor 1221	0.2	ND	7/27/2004	1

TABLE 2
2004 PARCEL 82 Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Location	Depth (Inches)	PCB	*NJDEP RDCSRS (m* g/Kg)	Result (mg/kg)	Date	Round
B7C *	0 to 6	Aroclor 1248	0.2	ND	7/27/2004	1
B7C *	0 to 6	Aroclor 1242	0.2	ND	7/27/2004	1
B7C *	0 to 6	Aroclor 1232	0.2	ND	7/27/2004	1
B7C *	0 to 6	Aroclor 1254	0.2	170.00	7/27/2004	1
B7C *	0 to 6	Aroclor 1260	0.2	ND	7/27/2004	1
B7D*	0 to 6	Aroclor 1016	0.2	ND	7/27/2004	1
B7D*	0 to 6	Aroclor 1221	0.2	ND	7/27/2004	1
B7D*	0 to 6	Aroclor 1248	0.2	ND	7/27/2004	1
B7D*	0 to 6	Aroclor 1242	0.2	ND	7/27/2004	1
B7D*	0 to 6	Aroclor 1232	0.2	ND	7/27/2004	1
B7D*	0 to 6	Aroclor 1254	0.2	11.00	7/27/2004	1
B7D*	0 to 6	Aroclor 1260	0.2	ND	7/27/2004	1
B7D1*	0 to 6	Aroclor 1016	0.2	ND	8/4/2004	2
B7D1*	0 to 6	Aroclor 1221	0.2	ND	8/4/2004	2
B7D1*	0 to 6	Aroclor 1248	0.2	ND	8/4/2004	2
B7D1*	0 to 6	Aroclor 1242	0.2	ND	8/4/2004	2
B7D1*	0 to 6	Aroclor 1232	0.2	ND	8/4/2004	2
B7D1*	0 to 6	Aroclor 1254	0.2	1.50	8/4/2004	2
B7D1*	0 to 6	Aroclor 1260	0.2	ND	8/4/2004	2
B7C*	18 to 24	Aroclor 1016	0.2	ND	8/4/2004	2
B7C*	18 to 24	Aroclor 1221	0.2	ND	8/4/2004	2
B7C*	18 to 24	Aroclor 1248	0.2	ND	8/4/2004	2
B7C*	18 to 24	Aroclor 1242	0.2	ND	8/4/2004	2
B7C*	18 to 24	Aroclor 1232	0.2	ND	8/4/2004	2
B7C*	18 to 24	Aroclor 1254	0.2	1.40	8/4/2004	2
B7C*	18 to 24	Aroclor 1260	0.2	ND	8/4/2004	2
B7C DUP*	18 to 24	Aroclor 1016	0.2	ND	8/4/2004	2
B7C DUP*	18 to 24	Aroclor 1221	0.2	ND	8/4/2004	2
B7C DUP*	18 to 24	Aroclor 1248	0.2	ND	8/4/2004	2
B7C DUP*	18 to 24	Aroclor 1242	0.2	ND	8/4/2004	2
B7C DUP*	18 to 24	Aroclor 1232	0.2	ND	8/4/2004	2
B7C DUP*	18 to 24	Aroclor 1254	0.2	1.10	8/4/2004	2
B7C DUP*	18 to 24	Aroclor 1260	0.2	ND	8/4/2004	2
B7C1	0 to 6	Aroclor 1016	0.2	ND	8/4/2004	2

TABLE 2
2004 PARCEL 82 Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Location	Depth (Inches)	PCB	*NJDEP RDCSRS (m* g/Kg)	Result (mg/kg)	Date	Round
B7C1	0 to 6	Aroclor 1221	0.2	ND	8/4/2004	2
B7C1	0 to 6	Aroclor 1248	0.2	ND	8/4/2004	2
B7C1	0 to 6	Aroclor 1242	0.2	ND	8/4/2004	2
B7C1	0 to 6	Aroclor 1232	0.2	ND	8/4/2004	2
B7C1	0 to 6	Aroclor 1254	0.2	1.10	8/4/2004	2
B7C1	0 to 6	Aroclor 1260	0.2	ND	8/4/2004	2
B7C1A	0 to 6	Aroclor 1016	0.2	ND	8/4/2004	2
B7C1A	0 to 6	Aroclor 1221	0.2	ND	8/4/2004	2
B7C1A	0 to 6	Aroclor 1248	0.2	ND	8/4/2004	2
B7C1A	0 to 6	Aroclor 1242	0.2	ND	8/4/2004	2
B7C1A	0 to 6	Aroclor 1232	0.2	ND	8/4/2004	2
B7C1A	0 to 6	Aroclor 1254	0.2	1.50	8/4/2004	2
B7C1A	0 to 6	Aroclor 1260	0.2	ND	8/4/2004	2
B7C1D	0 to 6	Aroclor 1016	0.2	ND	8/4/2004	2
B7C1D	0 to 6	Aroclor 1221	0.2	ND	8/4/2004	2
B7C1D	0 to 6	Aroclor 1248	0.2	ND	8/4/2004	2
B7C1D	0 to 6	Aroclor 1242	0.2	ND	8/4/2004	2
B7C1D	0 to 6	Aroclor 1232	0.2	ND	8/4/2004	2
B7C1D	0 to 6	Aroclor 1254	0.2	1.60	8/4/2004	2
B7C1D	0 to 6	Aroclor 1260	0.2	ND	8/4/2004	2
B72D1*	0 to 6	Aroclor 1016	0.2	ND	8/19/2004	4
B72D1*	0 to 6	Aroclor 1221	0.2	ND	8/19/2004	4
B72D1*	0 to 6	Aroclor 1248	0.2	ND	8/19/2004	4
B72D1*	0 to 6	Aroclor 1242	0.2	ND	8/19/2004	4
B72D1*	0 to 6	Aroclor 1232	0.2	ND	8/19/2004	4
B72D1*	0 to 6	Aroclor 1254	0.2	15.00	8/19/2004	4
B72D1*	0 to 6	Aroclor 1260	0.2	ND	8/19/2004	4
B7F1*	0 to 6	Aroclor 1016	0.2	ND	8/19/2004	4
B7F1*	0 to 6	Aroclor 1221	0.2	ND	8/19/2004	4
B7F1*	0 to 6	Aroclor 1248	0.2	ND	8/19/2004	4
B7F1*	0 to 6	Aroclor 1242	0.2	ND	8/19/2004	4
B7F1*	0 to 6	Aroclor 1232	0.2	ND	8/19/2004	4
B7F1*	0 to 6	Aroclor 1254	0.2	16.00	8/19/2004	4
B7F1*	0 to 6	Aroclor 1260	0.2	ND	8/19/2004	4

TABLE 2
2004 PARCEL 82 Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Location	Depth (Inches)	PCB	*NJDEP RDCSRS (m* g/Kg)	Result (mg/kg)	Date	Round
B7F1 DUP*	0 to 6	Aroclor 1016	0.2	ND	8/19/2004	4
B7F1 DUP*	0 to 6	Aroclor 1221	0.2	ND	8/19/2004	4
B7F1 DUP*	0 to 6	Aroclor 1248	0.2	ND	8/19/2004	4
B7F1 DUP*	0 to 6	Aroclor 1242	0.2	ND	8/19/2004	4
B7F1 DUP*	0 to 6	Aroclor 1232	0.2	ND	8/19/2004	4
B7F1 DUP*	0 to 6	Aroclor 1254	0.2	15.00	8/19/2004	4
B7F1 DUP*	0 to 6	Aroclor 1260	0.2	ND	8/19/2004	4
B7F1A	0 to 6	Aroclor 1016	0.2	ND	8/19/2004	4
B7F1A	0 to 6	Aroclor 1221	0.2	ND	8/19/2004	4
B7F1A	0 to 6	Aroclor 1248	0.2	ND	8/19/2004	4
B7F1A	0 to 6	Aroclor 1242	0.2	ND	8/19/2004	4
B7F1A	0 to 6	Aroclor 1232	0.2	ND	8/19/2004	4
B7F1A	0 to 6	Aroclor 1254	0.2	0.21	8/19/2004	4
B7F1A	0 to 6	Aroclor 1260	0.2	ND	8/19/2004	4
B7F1B	0 to 6	Aroclor 1016	0.2	ND	8/19/2004	4
B7F1B	0 to 6	Aroclor 1221	0.2	ND	8/19/2004	4
B7F1B	0 to 6	Aroclor 1248	0.2	ND	8/19/2004	4
B7F1B	0 to 6	Aroclor 1242	0.2	ND	8/19/2004	4
B7F1B	0 to 6	Aroclor 1232	0.2	ND	8/19/2004	4
B7F1B	0 to 6	Aroclor 1254	0.2	0.17	8/19/2004	4
B7F1B	0 to 6	Aroclor 1260	0.2	ND	8/19/2004	4
B8	0 to 6	Aroclor 1016	0.2	ND	6/21/2004	
B8	0 to 6	Aroclor 1221	0.2	ND	6/21/2004	
B8	0 to 6	Aroclor 1248	0.2	ND	6/21/2004	
B8	0 to 6	Aroclor 1242	0.2	ND	6/21/2004	
B8	0 to 6	Aroclor 1232	0.2	ND	6/21/2004	
B8	0 to 6	Aroclor 1254	0.2	ND	6/21/2004	
B8	0 to 6	Aroclor 1260	0.2	0.18	6/21/2004	
B9	0 to 6	Aroclor 1016	0.2	ND	6/21/2004	
B9	0 to 6	Aroclor 1221	0.2	ND	6/21/2004	
B9	0 to 6	Aroclor 1248	0.2	ND	6/21/2004	
B9	0 to 6	Aroclor 1242	0.2	ND	6/21/2004	
B9	0 to 6	Aroclor 1232	0.2	ND	6/21/2004	
B9	0 to 6	Aroclor 1254	0.2	ND	6/21/2004	
B9	0 to 6	Aroclor 1260	0.2	0.06	6/21/2004	

TABLE 2
2004 PARCEL 82 Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Location	Depth (Inches)	PCB	*NJDEP RDCSRS (m* g/Kg)	Result (mg/kg)	Date	Round
B9 DUP	0 to 6	Aroclor 1016	0.2	ND	6/21/2004	
B9 DUP	0 to 6	Aroclor 1221	0.2	ND	6/21/2004	
B9 DUP	0 to 6	Aroclor 1248	0.2	ND	6/21/2004	
B9 DUP	0 to 6	Aroclor 1242	0.2	ND	6/21/2004	
B9 DUP	0 to 6	Aroclor 1232	0.2	ND	6/21/2004	
B9 DUP	0 to 6	Aroclor 1254	0.2	ND	6/21/2004	
B9 DUP	0 to 6	Aroclor 1260	0.2	0.31	6/21/2004	
B10	0 to 6	Aroclor 1016	0.2	ND	6/21/2004	
B10	0 to 6	Aroclor 1221	0.2	ND	6/21/2004	
B10	0 to 6	Aroclor 1248	0.2	ND	6/21/2004	
B10	0 to 6	Aroclor 1242	0.2	ND	6/21/2004	
B10	0 to 6	Aroclor 1232	0.2	ND	6/21/2004	
B10	0 to 6	Aroclor 1254	0.2	ND	6/21/2004	
B10	0 to 6	Aroclor 1260	0.2	0.29	6/21/2004	
B11	0 to 6	Aroclor 1016	0.2	ND	6/21/2004	
B11	0 to 6	Aroclor 1221	0.2	ND	6/21/2004	
B11	0 to 6	Aroclor 1248	0.2	ND	6/21/2004	
B11	0 to 6	Aroclor 1242	0.2	ND	6/21/2004	
B11	0 to 6	Aroclor 1232	0.2	ND	6/21/2004	
B11	0 to 6	Aroclor 1254	0.2	ND	6/21/2004	
B11	0 to 6	Aroclor 1260	0.2	ND	6/21/2004	
B12	0 to 6	Aroclor 1016	0.2	ND	6/21/2004	
B12	0 to 6	Aroclor 1221	0.2	ND	6/21/2004	
B12	0 to 6	Aroclor 1248	0.2	ND	6/21/2004	
B12	0 to 6	Aroclor 1242	0.2	ND	6/21/2004	
B12	0 to 6	Aroclor 1232	0.2	ND	6/21/2004	
B12	0 to 6	Aroclor 1254	0.2	ND	6/21/2004	
B12	0 to 6	Aroclor 1260	0.2	ND	6/21/2004	
B13	0 to 6	Aroclor 1016	0.2	ND	6/21/2004	
B13	0 to 6	Aroclor 1221	0.2	ND	6/21/2004	
B13	0 to 6	Aroclor 1248	0.2	ND	6/21/2004	
B13	0 to 6	Aroclor 1242	0.2	ND	6/21/2004	
B13	0 to 6	Aroclor 1232	0.2	ND	6/21/2004	
B13	0 to 6	Aroclor 1254	0.2	ND	6/21/2004	

TABLE 2
2004 PARCEL 82 Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Location	Depth (Inches)	PCB	*NJDEP RDCSRS (m* g/Kg)	Result (mg/kg)	Date	Round
B13	0 to 6	Aroclor 1260	0.2	ND	6/21/2004	
B14	0 to 6	Aroclor 1016	0.2	ND	6/21/2004	
B14	0 to 6	Aroclor 1221	0.2	ND	6/21/2004	
B14	0 to 6	Aroclor 1248	0.2	ND	6/21/2004	
B14	0 to 6	Aroclor 1242	0.2	ND	6/21/2004	
B14	0 to 6	Aroclor 1232	0.2	ND	6/21/2004	
B14	0 to 6	Aroclor 1254	0.2	ND	6/21/2004	
B14	0 to 6	Aroclor 1260	0.2	ND	6/21/2004	
B15	0 to 6	Aroclor 1016	0.2	ND	6/21/2004	
B15	0 to 6	Aroclor 1221	0.2	ND	6/21/2004	
B15	0 to 6	Aroclor 1248	0.2	ND	6/21/2004	
B15	0 to 6	Aroclor 1242	0.2	ND	6/21/2004	
B15	0 to 6	Aroclor 1232	0.2	ND	6/21/2004	
B15	0 to 6	Aroclor 1254	0.2	ND	6/21/2004	
B15	0 to 6	Aroclor 1260	0.2	ND	6/21/2004	
B4B*	0 to 6	Aroclor 1016	0.2	ND	8/26/2004	5
B4B*	0 to 6	Aroclor 1221	0.2	ND	8/26/2004	5
B4B*	0 to 6	Aroclor 1248	0.2	ND	8/26/2004	5
B4B*	0 to 6	Aroclor 1242	0.2	ND	8/26/2004	5
B4B*	0 to 6	Aroclor 1232	0.2	ND	8/26/2004	5
B4B*	0 to 6	Aroclor 1254	0.2	7.40	8/26/2004	5
B4B*	0 to 6	Aroclor 1260	0.2	ND	8/26/2004	5
B4D*	0 to 6	Aroclor 1016	0.2	ND	8/26/2004	5
B4D*	0 to 6	Aroclor 1221	0.2	ND	8/26/2004	5
B4D*	0 to 6	Aroclor 1248	0.2	ND	8/26/2004	5
B4D*	0 to 6	Aroclor 1242	0.2	ND	8/26/2004	5
B4D*	0 to 6	Aroclor 1232	0.2	ND	8/26/2004	5
B4D*	0 to 6	Aroclor 1254	0.2	2.40	8/26/2004	5
B4D*	0 to 6	Aroclor 1260	0.2	ND	8/26/2004	5
B4D1	0 to 6	Aroclor 1016	0.2	ND	8/26/2004	5
B4D1	0 to 6	Aroclor 1221	0.2	ND	8/26/2004	5
B4D1	0 to 6	Aroclor 1248	0.2	ND	8/26/2004	5
B4D1	0 to 6	Aroclor 1242	0.2	ND	8/26/2004	5
B4D1	0 to 6	Aroclor 1232	0.2	ND	8/26/2004	5

TABLE 2
2004 PARCEL 82 Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Location	Depth (Inches)	PCB	*NJDEP RDCSRS (m* g/Kg)	Result (mg/kg)	Date	Round
B4D1	0 to 6	Aroclor 1254	0.2	0.84	8/26/2004	5
B4D1	0 to 6	Aroclor 1260	0.2	ND	8/26/2004	5
B4D2*	0 to 6	Aroclor 1016	0.2	ND	8/26/2004	5
B4D2*	0 to 6	Aroclor 1221	0.2	ND	8/26/2004	5
B4D2*	0 to 6	Aroclor 1248	0.2	ND	8/26/2004	5
B4D2*	0 to 6	Aroclor 1242	0.2	ND	8/26/2004	5
B4D2*	0 to 6	Aroclor 1232	0.2	ND	8/26/2004	5
B4D2*	0 to 6	Aroclor 1254	0.2	1.80	8/26/2004	5
B4D2*	0 to 6	Aroclor 1260	0.2	ND	8/26/2004	5
B4D3*	0 to 6	Aroclor 1016	0.2	ND	8/26/2004	5
B4D3*	0 to 6	Aroclor 1221	0.2	ND	8/26/2004	5
B4D3*	0 to 6	Aroclor 1248	0.2	ND	8/26/2004	5
B4D3*	0 to 6	Aroclor 1242	0.2	ND	8/26/2004	5
B4D3*	0 to 6	Aroclor 1232	0.2	ND	8/26/2004	5
B4D3*	0 to 6	Aroclor 1254	0.2	9.80	8/26/2004	5
B4D3*	0 to 6	Aroclor 1260	0.2	ND	8/26/2004	5
B4D4*	0 to 6	Aroclor 1016	0.2	ND	8/26/2004	5
B4D4*	0 to 6	Aroclor 1221	0.2	ND	8/26/2004	5
B4D4*	0 to 6	Aroclor 1248	0.2	ND	8/26/2004	5
B4D4*	0 to 6	Aroclor 1242	0.2	ND	8/26/2004	5
B4D4*	0 to 6	Aroclor 1232	0.2	ND	8/26/2004	5
B4D4*	0 to 6	Aroclor 1254	0.2	5.50	8/26/2004	5
B4D4*	0 to 6	Aroclor 1260	0.2	ND	8/26/2004	5
B4D5*	0 to 6	Aroclor 1016	0.2	ND	8/26/2004	5
B4D5*	0 to 6	Aroclor 1221	0.2	ND	8/26/2004	5
B4D5*	0 to 6	Aroclor 1248	0.2	ND	8/26/2004	5
B4D5*	0 to 6	Aroclor 1242	0.2	ND	8/26/2004	5
B4D5*	0 to 6	Aroclor 1232	0.2	ND	8/26/2004	5
B4D5*	0 to 6	Aroclor 1254	0.2	10.00	8/26/2004	5
B4D5*	0 to 6	Aroclor 1260	0.2	ND	8/26/2004	5
B4B1*	0 to 6	Aroclor 1016	0.2	ND	8/26/2004	5
B4B1*	0 to 6	Aroclor 1221	0.2	ND	8/26/2004	5
B4B1*	0 to 6	Aroclor 1248	0.2	ND	8/26/2004	5
B4B1*	0 to 6	Aroclor 1242	0.2	ND	8/26/2004	5

TABLE 2
2004 PARCEL 82 Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Location	Depth (Inches)	PCB	*NJDEP RDCSRS (m* g/Kg)	Result (mg/kg)	Date	Round
B4B1*	0 to 6	Aroclor 1232	0.2	ND	8/26/2004	5
B4B1*	0 to 6	Aroclor 1254	0.2	0.32	8/26/2004	5
B4B1*	0 to 6	Aroclor 1260	0.2	ND	8/26/2004	5
B4A	0 to 6	Aroclor 1016	0.2	ND	9/8/2004	6
B4A	0 to 6	Aroclor 1221	0.2	ND	9/8/2004	6
B4A	0 to 6	Aroclor 1248	0.2	ND	9/8/2004	6
B4A	0 to 6	Aroclor 1242	0.2	ND	9/8/2004	6
B4A	0 to 6	Aroclor 1232	0.2	ND	9/8/2004	6
B4A	0 to 6	Aroclor 1254	0.2	1.30	9/8/2004	6
B4A	0 to 6	Aroclor 1260	0.2	ND	9/8/2004	6
B4A1	0 to 6	Aroclor 1016	0.2	ND	9/8/2004	6
B4A1	0 to 6	Aroclor 1221	0.2	ND	9/8/2004	6
B4A1	0 to 6	Aroclor 1248	0.2	ND	9/8/2004	6
B4A1	0 to 6	Aroclor 1242	0.2	ND	9/8/2004	6
B4A1	0 to 6	Aroclor 1232	0.2	ND	9/8/2004	6
B4A1	0 to 6	Aroclor 1254	0.2	1.20	9/8/2004	6
B4A1	0 to 6	Aroclor 1260	0.2	ND	9/8/2004	6
B5B	0 to 6	Aroclor 1016	0.2	ND	9/8/2004	6
B5B	0 to 6	Aroclor 1221	0.2	ND	9/8/2004	6
B5B	0 to 6	Aroclor 1248	0.2	ND	9/8/2004	6
B5B	0 to 6	Aroclor 1242	0.2	ND	9/8/2004	6
B5B	0 to 6	Aroclor 1232	0.2	ND	9/8/2004	6
B5B	0 to 6	Aroclor 1254	0.2	0.64	9/8/2004	6
B5B	0 to 6	Aroclor 1260	0.2	ND	9/8/2004	6
B5C	0 to 6	Aroclor 1016	0.2	ND	9/8/2004	6
B5C	0 to 6	Aroclor 1221	0.2	ND	9/8/2004	6
B5C	0 to 6	Aroclor 1248	0.2	ND	9/8/2004	6
B5C	0 to 6	Aroclor 1242	0.2	ND	9/8/2004	6
B5C	0 to 6	Aroclor 1232	0.2	ND	9/8/2004	6
B5C	0 to 6	Aroclor 1254	0.2	0.39	9/8/2004	6
B5C	0 to 6	Aroclor 1260	0.2	ND	9/8/2004	6
B8A	0 to 6	Aroclor 1016	0.2	ND	9/8/2004	6
B8A	0 to 6	Aroclor 1221	0.2	ND	9/8/2004	6
B8A	0 to 6	Aroclor 1248	0.2	ND	9/8/2004	6

TABLE 2
2004 PARCEL 82 Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Location	Depth (Inches)	PCB	*NJDEP RDCSRS (m* g/Kg)	Result (mg/kg)	Date	Round
B8A	0 to 6	Aroclor 1242	0.2	ND	9/8/2004	6
B8A	0 to 6	Aroclor 1232	0.2	ND	9/8/2004	6
B8A	0 to 6	Aroclor 1254	0.2	0.51	9/8/2004	6
B8A	0 to 6	Aroclor 1260	0.2	ND	9/8/2004	6
B8B*	0 to 6	Aroclor 1016	0.2	ND	9/8/2004	6
B8B*	0 to 6	Aroclor 1221	0.2	ND	9/8/2004	6
B8B*	0 to 6	Aroclor 1248	0.2	ND	9/8/2004	6
B8B*	0 to 6	Aroclor 1242	0.2	ND	9/8/2004	6
B8B*	0 to 6	Aroclor 1232	0.2	ND	9/8/2004	6
B8B*	0 to 6	Aroclor 1254	0.2	3.80	9/8/2004	6
B8B*	0 to 6	Aroclor 1260	0.2	ND	9/8/2004	6
B8B1	0 to 6	Aroclor 1016	0.2	ND	9/15/2004	7
B8B1	0 to 6	Aroclor 1221	0.2	ND	9/15/2004	7
B8B1	0 to 6	Aroclor 1248	0.2	ND	9/15/2004	7
B8B1	0 to 6	Aroclor 1242	0.2	ND	9/15/2004	7
B8B1	0 to 6	Aroclor 1232	0.2	ND	9/15/2004	7
B8B1	0 to 6	Aroclor 1254	0.2	0.33	9/15/2004	7
B8B1	0 to 6	Aroclor 1260	0.2	ND	9/15/2004	7
B8B2	0 to 6	Aroclor 1016	0.2	ND	9/15/2004	7
B8B2	0 to 6	Aroclor 1221	0.2	ND	9/15/2004	7
B8B2	0 to 6	Aroclor 1248	0.2	ND	9/15/2004	7
B8B2	0 to 6	Aroclor 1242	0.2	ND	9/15/2004	7
B8B2	0 to 6	Aroclor 1232	0.2	ND	9/15/2004	7
B8B2	0 to 6	Aroclor 1254	0.2	0.44	9/15/2004	7
B8B2	0 to 6	Aroclor 1260	0.2	ND	9/15/2004	7
400B7-PX1	6 to 12	Aroclor 1016	0.2	ND	10/26/2004	
400B7-PX1	6 to 12	Aroclor 1221	0.2	ND	10/26/2004	
400B7-PX1	6 to 12	Aroclor 1248	0.2	ND	10/26/2004	
400B7-PX1	6 to 12	Aroclor 1242	0.2	ND	10/26/2004	
400B7-PX1	6 to 12	Aroclor 1232	0.2	ND	10/26/2004	
400B7-PX1	6 to 12	Aroclor 1254	0.2	0.47	10/26/2004	
400B7-PX1	6 to 12	Aroclor 1260	0.2	ND	10/26/2004	
400B7-PX2	6 to 12	Aroclor 1016	0.2	ND	10/26/2004	
400B7-PX2	6 to 12	Aroclor 1221	0.2	ND	10/26/2004	

TABLE 2
2004 PARCEL 82 Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Location	Depth (Inches)	PCB	*NJDEP RDCSRS (m* g/Kg)	Result (mg/kg)	Date	Round
400B7-PX2	6 to 12	Aroclor 1248	0.2	ND	10/26/2004	
400B7-PX2	6 to 12	Aroclor 1242	0.2	ND	10/26/2004	
400B7-PX2	6 to 12	Aroclor 1232	0.2	ND	10/26/2004	
400B7-PX2	6 to 12	Aroclor 1254	0.2	0.35	10/26/2004	
400B7-PX2	6 to 12	Aroclor 1260	0.2	ND	10/26/2004	
400B7-PX3	24 to 30	Aroclor 1016	0.2	ND	10/26/2004	
400B7-PX3	24 to 30	Aroclor 1221	0.2	ND	10/26/2004	
400B7-PX3	24 to 30	Aroclor 1248	0.2	ND	10/26/2004	
400B7-PX3	24 to 30	Aroclor 1242	0.2	ND	10/26/2004	
400B7-PX3	24 to 30	Aroclor 1232	0.2	ND	10/26/2004	
400B7-PX3	24 to 30	Aroclor 1254	0.2	0.07	10/26/2004	
400B7-PX3	24 to 30	Aroclor 1260	0.2	ND	10/26/2004	
400B7-PX4	18 to 24	Aroclor 1016	0.2	ND	10/26/2004	
400B7-PX4	18 to 24	Aroclor 1221	0.2	ND	10/26/2004	
400B7-PX4	18 to 24	Aroclor 1248	0.2	ND	10/26/2004	
400B7-PX4	18 to 24	Aroclor 1242	0.2	ND	10/26/2004	
400B7-PX4	18 to 24	Aroclor 1232	0.2	ND	10/26/2004	
400B7-PX4	18 to 24	Aroclor 1254	0.2	0.06	10/26/2004	
400B7-PX4	18 to 24	Aroclor 1260	0.2	ND	10/26/2004	
400B7-PX5	18 to 24	Aroclor 1016	0.2	ND	10/26/2004	
400B7-PX5	18 to 24	Aroclor 1221	0.2	ND	10/26/2004	
400B7-PX5	18 to 24	Aroclor 1248	0.2	ND	10/26/2004	
400B7-PX5	18 to 24	Aroclor 1242	0.2	ND	10/26/2004	
400B7-PX5	18 to 24	Aroclor 1232	0.2	ND	10/26/2004	
400B7-PX5	18 to 24	Aroclor 1254	0.2	0.36	10/26/2004	
400B7-PX5	18 to 24	Aroclor 1260	0.2	ND	10/26/2004	
400B7-PX6	18 to 24	Aroclor 1016	0.2	ND	10/26/2004	
400B7-PX6	18 to 24	Aroclor 1221	0.2	ND	10/26/2004	
400B7-PX6	18 to 24	Aroclor 1248	0.2	ND	10/26/2004	
400B7-PX6	18 to 24	Aroclor 1242	0.2	ND	10/26/2004	
400B7-PX6	18 to 24	Aroclor 1232	0.2	ND	10/26/2004	
400B7-PX6	18 to 24	Aroclor 1254	0.2	1.00	10/26/2004	
400B7-PX6	18 to 24	Aroclor 1260	0.2	ND	10/26/2004	
400B7-PX7	12 to 18	Aroclor 1016	0.2	ND	10/26/2004	

TABLE 2
2004 PARCEL 82 Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Location	Depth (Inches)	PCB	*NJDEP RDCSRS (m* g/Kg)	Result (mg/kg)	Date	Round
400B7-PX7	12 to 18	Aroclor 1221	0.2	ND	10/26/2004	
400B7-PX7	12 to 18	Aroclor 1248	0.2	ND	10/26/2004	
400B7-PX7	12 to 18	Aroclor 1242	0.2	ND	10/26/2004	
400B7-PX7	12 to 18	Aroclor 1232	0.2	ND	10/26/2004	
400B7-PX7	12 to 18	Aroclor 1254	0.2	1.70	10/26/2004	
400B7-PX7	12 to 18	Aroclor 1260	0.2	ND	10/26/2004	
400B7-PX8	12 to 18	Aroclor 1016	0.2	ND	10/26/2004	
400B7-PX8	12 to 18	Aroclor 1221	0.2	ND	10/26/2004	
400B7-PX8	12 to 18	Aroclor 1248	0.2	ND	10/26/2004	
400B7-PX8	12 to 18	Aroclor 1242	0.2	ND	10/26/2004	
400B7-PX8	12 to 18	Aroclor 1232	0.2	ND	10/26/2004	
400B7-PX8	12 to 18	Aroclor 1254	0.2	0.07	10/26/2004	
400B7-PX8	12 to 18	Aroclor 1260	0.2	ND	10/26/2004	
400B7-PX8 DUP	0 to 6	Aroclor 1016	0.2	ND	10/26/2004	
400B7-PX8 DUP	0 to 6	Aroclor 1221	0.2	ND	10/26/2004	
400B7-PX8 DUP	0 to 6	Aroclor 1248	0.2	ND	10/26/2004	
400B7-PX8 DUP	0 to 6	Aroclor 1242	0.2	ND	10/26/2004	
400B7-PX8 DUP	0 to 6	Aroclor 1232	0.2	ND	10/26/2004	
400B7-PX8 DUP	0 to 6	Aroclor 1254	0.2	1.20	10/26/2004	
400B7-PX8 DUP	0 to 6	Aroclor 1260	0.2	ND	10/26/2004	

Footnotes:

Cell shade value represents a result that is above the NJDEP RDCSRS

* Soil represented by these samples was excavated to a depth of

mg/Kg = miligram/kilogram

The NJ Residential Direct Contact Soil Remediation Standards refers to the NJDEP's September 18, 2017 Remediation Standards (http://www.nj.gov/dep/rules/rules/njac7_26d.pdf)

TABLE 3
2005 PARCEL 82 (Building 121) Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Location	Depth (Inches)	PCB	*RDCSRS* (*m* g/Kg)	Result (mg/kg)	Date
BLDG121-B1	0 to 6	Aroclor 1016	0.2	ND	4/14/2005
BLDG121-B1	0 to 6	Aroclor 1221	0.2	ND	4/14/2005
BLDG121-B1	0 to 6	Aroclor 1248	0.2	ND	4/14/2005
BLDG121-B1	0 to 6	Aroclor 1242	0.2	ND	4/14/2005
BLDG121-B1	0 to 6	Aroclor 1232	0.2	ND	4/14/2005
BLDG121-B1	0 to 6	Aroclor 1254	0.2	ND	4/14/2005
BLDG121-B1	0 to 6	Aroclor 1260	0.2	0.2	4/14/2005
BLDG121-B2	0 to 6	Aroclor 1016	0.2	ND	4/14/2005
BLDG121-B2	0 to 6	Aroclor 1221	0.2	ND	4/14/2005
BLDG121-B2	0 to 6	Aroclor 1248	0.2	ND	4/14/2005
BLDG121-B2	0 to 6	Aroclor 1242	0.2	ND	4/14/2005
BLDG121-B2	0 to 6	Aroclor 1232	0.2	ND	4/14/2005
BLDG121-B2	0 to 6	Aroclor 1254	0.2	ND	4/14/2005
BLDG121-B2	0 to 6	Aroclor 1260	0.2	2.8	4/14/2005
BLDG121-B3	0 to 6	Aroclor 1016	0.2	ND	4/14/2005
BLDG121-B3	0 to 6	Aroclor 1221	0.2	ND	4/14/2005
BLDG121-B3	0 to 6	Aroclor 1248	0.2	ND	4/14/2005
BLDG121-B3	0 to 6	Aroclor 1242	0.2	ND	4/14/2005
BLDG121-B3	0 to 6	Aroclor 1232	0.2	ND	4/14/2005
BLDG121-B3	0 to 6	Aroclor 1254	0.2	ND	4/14/2005
BLDG121-B3	0 to 6	Aroclor 1260	0.2	0.15	4/14/2005
BLDG121-B4	0 to 6	Aroclor 1016	0.2	ND	4/14/2005
BLDG121-B4	0 to 6	Aroclor 1221	0.2	ND	4/14/2005
BLDG121-B4	0 to 6	Aroclor 1248	0.2	ND	4/14/2005
BLDG121-B4	0 to 6	Aroclor 1242	0.2	ND	4/14/2005
BLDG121-B4	0 to 6	Aroclor 1232	0.2	ND	4/14/2005
BLDG121-B4	0 to 6	Aroclor 1254	0.2	ND	4/14/2005
BLDG121-B4	0 to 6	Aroclor 1260	0.2	1.5	4/14/2005
BLDG121-B5	0 to 6	Aroclor 1016	0.2	ND	4/14/2005
BLDG121-B5	0 to 6	Aroclor 1221	0.2	ND	4/14/2005
BLDG121-B5	0 to 6	Aroclor 1248	0.2	ND	4/14/2005
BLDG121-B5	0 to 6	Aroclor 1242	0.2	ND	4/14/2005
BLDG121-B5	0 to 6	Aroclor 1232	0.2	ND	4/14/2005
BLDG121-B5	0 to 6	Aroclor 1254	0.2	ND	4/14/2005
BLDG121-B5	0 to 6	Aroclor 1260	0.2	0.39	4/14/2005
BLDG121-B6	0 to 6	Aroclor 1016	0.2	ND	4/14/2005

TABLE 3
2005 PARCEL 82 (Building 121) Polychlorinated Biphenyls Soil Sampling Results – Comparison to NJDEP Soil Remediation Standards

Location	Depth (Inches)	PCB	*RDCSRS* (*m* g/Kg)	Result (mg/kg)	Date
BLDG121-B6	0 to 6	Aroclor 1221	0.2	ND	4/14/2005
BLDG121-B6	0 to 6	Aroclor 1248	0.2	ND	4/14/2005
BLDG121-B6	0 to 6	Aroclor 1242	0.2	ND	4/14/2005
BLDG121-B6	0 to 6	Aroclor 1232	0.2	ND	4/14/2005
BLDG121-B6	0 to 6	Aroclor 1254	0.2	ND	4/14/2005
BLDG121-B6	0 to 6	Aroclor 1260	0.2	0.047	4/14/2005
BLDG121-B7	0 to 6	Aroclor 1016	0.2	ND	4/14/2005
BLDG121-B7	0 to 6	Aroclor 1221	0.2	ND	4/14/2005
BLDG121-B7	0 to 6	Aroclor 1248	0.2	ND	4/14/2005
BLDG121-B7	0 to 6	Aroclor 1242	0.2	ND	4/14/2005
BLDG121-B7	0 to 6	Aroclor 1232	0.2	ND	4/14/2005
BLDG121-B7	0 to 6	Aroclor 1254	0.2	ND	4/14/2005
BLDG121-B7	0 to 6	Aroclor 1260	0.2	0.02	4/14/2005
BLDG121-B8	0 to 6	Aroclor 1016	0.2	ND	4/14/2005
BLDG121-B8	0 to 6	Aroclor 1221	0.2	ND	4/14/2005
BLDG121-B8	0 to 6	Aroclor 1248	0.2	ND	4/14/2005
BLDG121-B8	0 to 6	Aroclor 1242	0.2	ND	4/14/2005
BLDG121-B8	0 to 6	Aroclor 1232	0.2	ND	4/14/2005
BLDG121-B8	0 to 6	Aroclor 1254	0.2	ND	4/14/2005
BLDG121-B8	0 to 6	Aroclor 1260	0.2	0.02	4/14/2005
BLDG121-B9	0 to 6	Aroclor 1016	0.2	ND	4/14/2005
BLDG121-B9	0 to 6	Aroclor 1221	0.2	ND	4/14/2005
BLDG121-B9	0 to 6	Aroclor 1248	0.2	ND	4/14/2005
BLDG121-B9	0 to 6	Aroclor 1242	0.2	ND	4/14/2005
BLDG121-B9	0 to 6	Aroclor 1232	0.2	ND	4/14/2005
BLDG121-B9	0 to 6	Aroclor 1254	0.2	ND	4/14/2005
BLDG121-B9	0 to 6	Aroclor 1260	0.2	0.06	4/14/2005

Footnotes:

Cell shade value represents a result that is above the NJDEP RDCSRS

* Soil represented by these samples was excavated to a depth of 0.5-2.0 feet

mg/Kg = miligram/kilogram

The NJ Residential Direct Contact Soil Remediation Standards refers to the NJDEP's September 18, 2017 Remediation Standards (http://www.nj.gov/dep/rules/rules/njac7_26d.pdf)

TABLE 4
SUMMARY OF PROPOSED SAMPLING FOR PARCEL 82
FORT MONMOUTH, NEW JERSEY

Location ID	Location	PAHs by Method 8270 SIM	PCBs	Rationale
Soil				
PAR-82-SS-B1	See Figure 2: 1 soil boring, 3 samples.	0	3	Purpose: Horizontal and vertical delineation of PCBs within the estimated area of contamination . Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.
PAR-82-SS-B2	See Figure 2: 1 soil boring, 3 samples.	0	3	Purpose: Horizontal and vertical delineation of PCBs within the estimated area of contamination . Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.
PAR-82-SS-B3	See Figure 2: 1 soil boring, 3 samples.	0	3	Purpose: Horizontal and vertical delineation of PCBs within the estimated area of contamination . Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.
PAR-82-SS-B4	See Figure 2: 1 soil boring, 3 samples.	0	3	Purpose: Horizontal and vertical delineation of PCBs within the estimated area of contamination . Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.
PAR-82-SS-B5	See Figure 2: 1 soil boring, 3 samples.	0	3	Purpose: Horizontal and vertical delineation of PCBs within the estimated area of contamination . Surface soil samples (0 to 6-inch interval below the asphalt and asphalt base material) will be collected taking care not to introduce asphalt and/or road base into the samples.Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.
PAR-82-SS-B6	See Figure 2: 1 soil boring, 3 samples.	0	3	Purpose: Horizontal and vertical delineation of PCBs within the estimated area of contamination . Surface soil samples (0 to 6-inch interval below the asphalt and asphalt base material) will be collected taking care not to introduce asphalt and/or road base into the samples.Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.
PAR-82-SS-B7	See Figure 2: 1 soil boring, 3 samples.	0	3	Purpose: Horizontal and vertical delineation of PCBs within the estimated area of contamination . Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.
PAR-82-SS-B8	See Figure 2: 1 soil boring, 3 samples.	0	3	Purpose: Horizontal and vertical delineation of PCBs within the estimated area of contamination . Surface soil samples (0 to 6-inch interval below the asphalt and asphalt base material) will be collected taking care not to introduce asphalt and/or road base into the samples. Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.
PAR-82-SS-B9	See Figure 2: 1 soil boring, 3 samples.	0	3	Purpose: Horizontal and vertical delineation of PCBs within the estimated area of contamination . Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.
PAR-82-SS-B10	See Figure 2: 1 soil boring, 3 samples.	0	3	Purpose: Horizontal and vertical delineation of PCBs within the estimated area of contamination . Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.

TABLE 4
SUMMARY OF PROPOSED SAMPLING FOR PARCEL 82
FORT MONMOUTH, NEW JERSEY

Location ID	Location	PAHs by Method 8270 SIM	PCBs	Rationale
Soil				
PAR-82-SS-B11	See Figure 2: 1 soil boring, 3 samples.	0	3	Purpose: Horizontal and vertical delineation of PCBs within the estimated area of contamination . Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.
PAR-82-SS-B12	See Figure 2: 1 soil boring, 3 samples.	0	3	Purpose: Horizontal and vertical delineation of PCBs within the estimated area of contamination . Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.
PAR-82-SS-B13	See Figure 2: 1 soil boring, 3 samples.	0	3	Purpose: Horizontal and vertical delineation of PCBs within the estimated area of contamination . Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.
PAR-82-SS-B14	See Figure 2: 1 soil boring, 3 samples.	0	3	Purpose: Horizontal and vertical delineation of PCBs within the estimated area of contamination . Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.
PAR-82-SS-B15	See Figure 2: 1 soil boring, 3 samples.	0	3	Purpose: Horizontal and vertical delineation of PCBs within the estimated area of contamination . Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.
PAR-82-SS-B16	See Figure 2: 1 soil boring, 3 samples.	0	3	contamination. Surface soil samples (0 to 6-inch interval below the asphalt and asphalt base material) will be collected taking care not to introduce asphalt and/or road base into the samples. Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.
PAR-82-SS-B17	See Figure 2: 1 soil boring, 3 samples.	0	3	Purpose: Horizontal and vertical delineation of PCBs within the estimated area of contamination . Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.
PAR-82-SS-B18	See Figure 2: 1 soil boring, 3 samples.	0	3	Purpose: Horizontal and vertical delineation of PCBs within the estimated area of contamination . Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.
PAR-82-SS-B19	See Figure 2: 1 soil boring, 3 samples.	0	3	Purpose: Horizontal and vertical delineation of PCBs within the estimated area of contamination . Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.
PAR-82-SS-B20	See Figure 2: 1 soil boring, 3 samples.	0	3	Purpose: Horizontal and vertical delineation of PCBs within the PCB Spill Area . Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.
PAR-82-SS-B21	See Figure 2: 1 soil boring, 3 samples.	0	3	Purpose: Horizontal and vertical delineation of PCBs within the PCB Spill Area . Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.

TABLE 4
SUMMARY OF PROPOSED SAMPLING FOR PARCEL 82
FORT MONMOUTH, NEW JERSEY

Location ID	Location	PAHs by Method 8270 SIM	PCBs	Rationale
Soil				
PAR-82-SS-B22	See Figure 2: 1 soil boring, 3 samples.	0	3	Purpose: Horizontal and vertical delineation of PCBs within the PCB Spill Area . Collect soil samples from 0 to 0.5 ft bgs, 1.5 to 2.0 ft bgs, and 2.5 to 3.0 ft bgs. Submit PCBs samples collected from deeper interval (2.5-3.0 ft bgs) to HOLD.
PAR-82-SB-14C1	See Figure 2: 1 soil boring, 3 samples.	3	0	Purpose: Surface soil samples (0 to 6-inch interval below the asphalt and asphalt base material) will be collected taking care not to introduce asphalt and/or road base into the samples. In addition, soil samples will be collected from 0 to 0.5 ft bgs, 3.0 to 3.5 ft, and 6.0 to 6.5 ft bgs. Submit PAH samples collected from deeper interval (6.0-6.5 ft bgs) to HOLD.
PAR-82-SB-13A	See Figure 2: 1 soil boring, 3 samples.	3	0	Purpose: Surface soil samples (0 to 6-inch interval below the asphalt and asphalt base material) will be collected taking care not to introduce asphalt and/or road base into the samples. In addition, soil samples will be collected from 0 to 0.5 ft bgs, 3.0 to 3.5 ft, and 6.0 to 6.5 ft bgs. Submit PAH samples collected from deeper interval (6.0-6.5 ft bgs) to HOLD.
PAR-82-SB-13B	See Figure 2: 1 soil boring, 3 samples.	3	0	Purpose: Surface soil samples (0 to 6-inch interval below the asphalt and asphalt base material) will be collected taking care not to introduce asphalt and/or road base into the samples. In addition, soil samples will be collected from 0 to 0.5 ft bgs, 3.0 to 3.5 ft, and 6.0 to 6.5 ft bgs. Submit PAH samples collected from deeper interval (6.0-6.5 ft bgs) to HOLD.
QA/QC samples (see SAP for additional details) [a/ b/]				
Field Duplicates (5% Sampling Frequency per media)		1	4	--
Matrix Spike (5% Sampling Frequency per media)		1	4	--
Matrix Spike Duplicate (5% Sampling Frequency per media)		1	4	--
Trip Blank (1 per cooler of VOCs per media)		0	0	--
QA Split (5% per media)		1	4	--
Equipment Blank (5% Sampling Frequency per media)		1	4	--
	TOTAL	**14**	**86**	

Notes:

[a/] QA/QC = quality assurance/quality control; SAP = Sampling and Analysis Plan. The requirement for QA/QC samples may be fulfilled with samples from other parcels.

[b/] PCBs only using shallow interval

ATTACHMENT A
Previous Parcel 82 Correspondence

JON S. CORZINE
Governor

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Division of Remediation Management & Response
P.O. Box 413
Trenton, New Jersey 08625-0413

LISA P. JACKSON
Commissioner

SEP 5 2007

Mr. Joseph Fallon, CHMM
Directorate of Public Works
ATTN: IMNE-MON-PWE
167 Riverside Ave.
Fort Monmouth, NJ 07703

RE: Remedial Action Report for the 800, 700, and 400 Areas
Fort Monmouth, NJ

Dear Mr. Fallon:

The NJDEP Division of Remediation Management & Response (DRMR) has completed its review of the report titled "Remedial Action Report for the 800, 700, and 400 Areas", dated October 2005, by Tetra Tech EM Inc. Our comments are attached.

NJDEP cannot make No Further Action (NFA) determinations for soil or ground water at the 800, 700, and 400 Areas at this time, based upon the report. Our comments describe the additional investigations or actions that would be needed before NFAs could be considered.

You or your staff may contact me at 609-633-0766 with any questions on the enclosed comments, or any other site remediation matters at Fort Monmouth.

Sincerely,

Larry Quinn

Larry Quinn, P.E., CHMM, Case Manager
Bureau of Design and Construction

Attachment

NJDEP COMMENTS ON
REMEDIAL ACTION REPORT FOR THE 800, 700, AND 400 AREAS
FORT MONMOUTH, NJ

1. General - The report states that during the soil investigation in the 800 Area, seven 1,000 gallon USTs and one 550 gallon UST were removed from the site. A subsequent investigation via backhoe identified four additional USTs in the 800 Area outside of the original site footprint. The document further states that the investigation and remediation/closure of those USTs is not part of this RAR. Documentation must be provided in the RAR (as an addendum) that confirms the remediation and closure of **all** USTs associated with the 800, 700, and 400 Areas (the former UST locations are not shown on any of the Figures).

2. 700 Area - The Report states that soils were delineated and remediated to the NJDEP **non-residential** direct contact soil cleanup criteria (NRDCSCC). However, soil contamination must be delineated to the level of the residential criteria (RDCSCC), since the future use of this area is now unknown. Additional sampling may not be necessary if adequate soil data can be used to extrapolate both horizontally and vertically for delineation (NJDEP Technical Requirements for Site Remediation, 7:26E 4.1). However, if soils contaminated above the RDCSCC remain in place, a deed notice will be required to document the contaminated soil, and appropriate engineering controls must be implemented and documented.

3. 400 Area, page 20 - The Report discusses the electromagnetic (EM) and ground penetrating radar (GPR) surveys conducted as part of the 400 Area investigation. The GPR and the EM survey both produced data that suggested the presence of USTs. It was reported that one EM location produced laterally restricted, high amplitude, parabolic reflections consistent with a UST. Another EM anomaly centered on the mapped location of a former tank suggested that the tank still existed beneath the 400 Area. No further investigation was performed at these suspected UST locations. These locations must be properly investigated.

4. 400 Area - As discussed regarding the 700 Area in comment #2 above, soil contamination must be delineated to the level of the RDCSCC, since the future use of this area is now unknown. Extrapolation may be possible in lieu of additional sampling. If soils contaminated above the RDCSCC remain in place, a deed notice will be required to document the contaminated soil, and appropriate engineering controls must be implemented and documented.

NJDEP COMMENTS ON
REMEDIAL ACTION REPORT FOR THE 800, 700, AND 400 AREAS
FORT MONMOUTH, NJ

5. Ground Water – Due to the reported evidence of releases at the 800, 700, and 400 Areas, a site investigation (SI) for ground water is required at all 3 areas. Ground water sampling by Geoprobe® at the 400 Area (Parcel 79) was included in the ECP Phase II Site Investigation Workplan and approved by NJDEP. Therefore, NJDEP would accept a similar Geoprobe® ground water investigation of the 800 and 700 Areas, provided that the sample locations provide complete coverage of all former UST locations within those Areas, including upgradient and downgradient samples. A remedial investigation for ground water may be required based upon the results of the ground water SIs.

ATTACHMENT B

Excerpts from TetraTech, 2005 Report Including Analytical Data

U.S. Army, Directorate of Public Works
Planning & Environmental Branch
Attn: IMNE-MON-PWE, 173 Riverside Ave.
Fort Monmouth, NJ 07703

TRANSMITTAL

TO:
Gregory Zalaskus, Case Manager
John Prendergast, Technical Coordinator
NJ DEP
Bureau of Case Management
401 E. State St., 5th Fl, West Wing
PO Box 028
Trenton, NJ 08625-0028
Telephone Number: (609) 984-2065

FROM:
Douglas C. Guenther,
Environmental Protection Specialist
Phone: 732-532-0986;
Fax: 732-532-6263; DSN: 992-0986
E-mail:
Douglas.Guenther@Mail1.Monmouth.Army.mil

DATE:
February 7, 2006

☐ URGENT ☑ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

SUBJECT:

Document Submittal (Hand Delivered at Meeting)

Attached Please Find:

(2) Copies (one each) of the Remedial Action Report for the 800, 700, and 400 Areas, October 2005, Final, prepared by Tetra Tech EM, Inc. including electronic copy on CD.

(2) Copies (one each) of the Remedial Investigation Report and Remedial Action Workplan, October 2005, Site 2567, Draft, prepared by Versar, Inc. including electronic copy on CD.

(2) Copies (one each) of the Remedial Investigation Report and Remedial Action Workplan, October 2005, Site 283, Draft, prepared by Versar, Inc including electronic copy on CD.

Greg and John,

These will be discussed during the February 7, 2006 meeting.

FINAL
Remedial Action Report for the 800, 700, and 400 Areas

U.S. Army Installation Fort Monmouth
Fort Monmouth, New Jersey

PREPARED BY:

Tetra Tech EM Inc.
Rockaway 80 Corporate Center
100 Enterprise Drive, Suite 400
Rockaway, New Jersey 07866

OCTOBER 2005

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EXECUTIVE SUMMARY

In support of future construction activities under the U.S. Army's Residential Communities Initiative (RCI) and Enhanced Use Leasing (EUL) programs, personnel from the Fort Monmouth Directorate of Public Works (DPW) and TECOM-Vinnell Services (TVS), a subsidiary of the Base Operations (BASEOPS) contractor Chenega Technology Services Corporation (Chenega), performed site investigation (SI) activities at three sites at the Main Post of Fort Monmouth, NJ designated as the 800, 700, and 400 Areas, and found contamination above the applicable New Jersey Department of Environmental Protection (NJDEP) soil cleanup criteria. Subsequent to the discovery of the contamination, DPW/TVS personnel performed remedial investigation (RI) activities to fully delineate the limits of the contamination; once that was completed, DPW/TVS performed the necessary remedial action (RA) excavation and post-excavation sampling activities. Tetra Tech EM, Inc. (Tetra Tech) has been contracted by Chenega, on behalf of the DPW, under Purchase Order #CD4-02109, to prepare a Remedial Action Report (RAR) for the remedial activities at the 800, 700, and 400 Areas. This report addresses the remedial activities performed at these sites between May 2003 and April 2005.

This RAR presents the remedial action processes and post-excavation soil sampling performed by DPW and TVS personnel at the 800, 700, and 400 Areas. The activities described in this report were completed in accordance with the NJDEP Technical Requirements for Site Remediation (N.J.A.C. 7:26E *et al.*).

The Army requires that all areas that may pose potential harm to the environment be assessed and remediated in compliance with NJDEP and U.S. Environmental Protection Agency (USEPA) regulations. From May 2003 to April 2005, soils at the 800, 700, and 400 Areas at the Main Post were the subject of SI, RI, and RA activities. The primary objective of these activities was the characterization of environmental conditions at the 800, 700, and 400 Areas and the performance of remedial actions including the removal and disposal of all soil with concentrations above state (NJDEP Residential Direct Contact Soil Cleanup Criteria [RDCSCC] for the 800 Area, NJDEP Non-Residential Direct Contact Soil Cleanup Criteria [NRDCSCC] for the 700 and 400 Areas) criteria as necessary to support future construction activities. A secondary objective of the investigation activities was a geophysical investigation in order to identify, locate, and remove historic underground storage tanks (USTs) and/or buried construction debris at each of the areas. All objectives of the RI and RA activities have been met: soils with concentrations that exceeded the applicable criteria for each area have been removed as verified through post-excavation sampling results and all known USTs have been removed and remediated (NOTE: Fort Monmouth will submit UST Closure Reports to the NJDEP as a separate submission for all

of the USTs that were removed and closed). The Army requests that the NJDEP issue a ***No Further Action*** letter for the 800, 700, and 400 Areas based on the results of these actions.

1.0 INTRODUCTION

Tetra Tech EM, Inc. (Tetra Tech) has been contracted by the Fort Monmouth base operations (BASEOPS) contractor, Chenega Technology Services Corporation (Chenega), on behalf of the U.S. Army Garrison Fort Monmouth Directorate of Public Works (DPW) under Purchase Order #CD4-02109, to prepare a Remedial Action Report (RAR) for the remedial activities that were performed at the 800, 700, and 400 Areas at the Main Post of Fort Monmouth, NJ. Personnel from the Fort Monmouth DPW and TECOM-Vinnell Services (TVS), a subsidiary of the BASEOPS contractor Chenega, performed site investigation, remedial investigation, and remedial actions at three sites designated as the 800 Area, 700 Area, and 400 Area in support of future construction activities under the U.S. Army's Residential Communities Initiative (RCI) and Enhanced Use Leasing (EUL) programs. This report addresses the remedial activities performed at these sites between May 2003 and April 2005.

1.1 OBJECTIVES

The objective of this RAR is to present the results of the site investigations, remedial investigations, and remedial action activities performed at the 800, 700, and 400 Areas at the Main Post of Fort Monmouth for the purpose of requesting No Further Action letters from the New Jersey Department of Environmental Protection (NJDEP) for the contamination identified at these sites. The purpose of the remedial actions was to excavate and dispose of contaminated soils in these areas.

1.2 REPORT ORGANIZATION

This report is organized to minimize repetition. Section 2 provides background information and general descriptions of the 800, 700, and 400 Areas at the Main Post of Fort Monmouth. Section 3 provides a discussion of the site investigation, remedial investigation, and remedial action activities specific to the 800, 700, and 400 Areas. Section 4 describes the quality assurance and quality control results of the sampling. Section 5 describes waste characterization and disposal activities. Section 6 provides a list of references utilized in developing the RAR.

2.0 SITE BACKGROUND AND ENVIRONMENTAL SETTING

The following sections describe the site background and environmental settings of the geographical area surrounding the Main Post of Fort Monmouth. Included is a description of the site location and environmental setting, including regional and local geology, hydrogeology, topography, and surface drainage.

2.1 SITE LOCATION AND DESCRIPTION

Fort Monmouth is located in the central-eastern portion of New Jersey in Monmouth County, approximately 45 miles south of New York City and 70 miles northeast of Philadelphia. Figure 1 is a vicinity location map. In addition to the Main Post, the installation includes two subposts, the Charles Wood Area and the Evans Area. The primary mission of Fort Monmouth is to provide command, administrative, and logistical support for Headquarters, U.S. Army Communications and Electronics Command (CECOM). CECOM is a major subordinate command of the U.S. Army Material Command (AMC) and is the host tenant at Fort Monmouth.

The 800, 700, and 400 Areas are located on the Main Post of Fort Monmouth, which is bounded by State Highway 35, Parkers Creek, Lafetra Creek, the New Jersey Transit Railroad, and a residential area to the south. The 800 and 700 Areas are located in the central-southern portion of the Main Post and the 400 Area is located in the eastern portion of the base (see Figure 2).

2.1.1 The 800 Area

The 800 Area is approximately 33 acres in size and is comprised of open grass-covered areas, asphalt-covered parking lots, buildings, and a football field. Approximately 12 acres of the 800 Area has been designated for future residential housing construction under the RCI.

2.1.2 The 700 Area

The 700 Area is approximately twelve acres in size and consists of two parcels. The larger parcel includes open mowed fields with several buildings along the southern boundary of the 700 Area and is surrounded by Alexander Avenue to the north, Radio Avenue to the east, Nicodemus Avenue to the south, and Wilson Avenue to the west. The smaller parcel includes a paved parking area and a grassy area between buildings and is bound by Alexander Avenue to the west and Nicodemus Avenue to the south

and east. The 700 Area has been designated for future administrative building construction.

2.1.3 The 400 Area

The 400 Area is approximately 30 acres in size and encompasses open mowed fields extending south-southeast from Parker's Creek to Till Avenue. South of Allen Avenue, the fields are populated with various buildings and other structures. Approximately one acre of the 400 Area has been designated for future maintenance building construction under the RCI.

2.2 ENVIRONMENTAL SETTING

The following sections describe the environmental setting which includes the geological and hydrogeological setting, the topography, and surface drainage of the area.

2.2.1 Regional and Local Geology

Monmouth County lies within the New Jersey Section of the Atlantic Coastal Plain physiographic province. The Main Post is located in the Outer Coastal Plain subprovince.

In general, New Jersey Coastal Plain formations consist of a seaward-dipping wedge of unconsolidated deposits of clay, silt, and gravel. These formations typically strike northeast-southwest with a dip ranging from 10 to 60 feet per mile and were deposited on Precambrian and lower Paleozoic rocks. These sediments, predominantly derived from deltaic, shallow marine, and continental shelf environments, date from the Cretaceous through the Quaternary Periods. The mineralogy ranges from quartz to glauconite.

The formations record several major transgressive/regressive cycles and contain units that are generally thicker to the southeast and reflect a deeper water environment. Over 20 regional geologic units are present within the sediments of the Coastal Plain. Regressive, upward coarsening deposits are usually aquifers (for example, the Englishtown and Kirkwood formations, and the Cohansey Sand), while the transgressive deposits act as confining units (for example, the Merchantville, Marshalltown, and Navesink formations). The individual thicknesses for these units vary greatly (that is, from several feet to several hundred feet). The Coastal Plain deposits thicken to the southeast to the Fall Line (i.e., a boundary zone between older, resistant rocks and younger, softer plain sediments) to greater than 6,500 feet in Cape May County.

Based on the regional geologic map, the Cretaceous-age Red Bank Sand and Tinton Sand, and the Tertiary-age Hornerstown Sand crop out at the Main Post area. The Red Bank Sand conformably overlies the Navesink Formation and dips to the southeast at 35 feet per mile. The upper member (Shrewsbury) of the Red Bank Sand is a yellowish-gray to reddish brown clayey, medium-to-coarse-grained sand that contains abundant rock fragments, minor mica and glauconite. The lower member (Sandy Hook) is a dark gray to black, medium-to-fine grained sand with abundant clay, mica, and glauconite. The Navesink Formation, which crops out approximately four miles northwest of the Main Post is dark grayish-black clayey glauconitic sand which conformably overlies the Mount Laurel Sand (Versar, 2003).

The Tinton Sand conformably overlies the Red Bank Sand and ranges from a clayey medium to very coarse-grained feldspathic-quartz and glauconite-sand to a glauconitic-coarse sand. The color varies from dark yellowish orange or light brown to moderate brown and from light olive to grayish olive. Glauconite may constitute 60 to 80 percent of the sand fraction in the upper part of the unit. The upper part of the Tinton is often highly oxidized and iron oxide encrusted (Versar, 2003).

The Hornerstown Sand unconformably overlies the Red Bank Sand and dips to the southeast at 50 to 60 feet per mile. The Hornerstown Sand consists of dark green clayey glauconitic sand (Versar, 2003).

The Tertiary-age Kirkwood and Vincentown Formations crop out approximately two miles south of the Main Post. The Vincentown Formation contains a lower member which is a greenish-gray glauconitic sand and an upper member which ranges from sand to clayey limestone. The Kirkwood Formation consists of alternating layers of sand and clay. The Vincentown and Kirkwood Formations dip to the southeast at approximately 20 and 27 feet per mile, respectively (Versar, 2003).

As part of the RAR, soil borings were advanced at the 800, 700, and 400 Areas. The general soil profile for the 800 Area consisted of a layer of topsoil overlying orange-brown, coarse to fine sands to four feet below ground surface (bgs). The general soil profile for the 700 Area consisted of orange-brown, medium to fine sands to eight feet bgs. A clay lens was identified in several borings from approximately two to six feet bgs. The general soil profile for the 400 Area consisted of brown clay to three feet bgs. Below the clay layer was brown to orange sand to a depth of eight feet bgs. The soils identified at the 800, 700, and 400 Areas most closely correlate to the Tinton Sand. Boring logs for the 800, 700, and 400 Areas are provided in Appendix A.

2.2.2 Hydrogeology

Fort Monmouth lies in the Atlantic and Eastern Gulf Coastal Plain groundwater region. This groundwater region is underlain by undeformed, unconsolidated to semi-consolidated sedimentary deposits. The chemistry of the water near the surface is variable with low dissolved solids and high iron concentrations. The water chemistry in areas underlain by glauconitic sediments (such as the Red Bank, Tinton and Hornerstown Sands) is dominated by calcium, magnesium, manganese, aluminum and iron. The sediments in the area of Fort Monmouth were deposited in fluvial-deltaic to near shore environments (Versar, 2003).

The water table aquifer in the Main Post area is identified as part of the "composite confining units," or minor aquifers. The minor aquifers include the Navesink Formation, Red Bank Sand, Tinton Sand, Hornerstown Sand, Vincentown Formation, Manasquan Formation, Shark River Formation, Piney Point Formation and the basal clay of the Kirkwood Formation. These geologic formations comprise a "Composite Confining Bed" for the Wenonah Mount Laurel Aquifer (Versar, 2003).

Wells installed in the Red Bank and Tinton Sands produce two to 25 gallons per minute (gpm). Groundwater is typically encountered at the Main Post and in the surrounding areas at shallow depths below ground surface (two to nine feet bgs). Water in the surficial aquifer generally flows east toward the Atlantic Ocean (Versar, 2003).

Groundwater was encountered in soil borings from the 700 Area at depths of four feet to eight feet bgs and at depths of four feet to five feet bgs in the 400 Area. Groundwater was not encountered in soil borings from the 800 Area, which were advanced to a depth of four feet bgs. Boring logs for the 800, 700, and 400 Areas are provided in Appendix A.

2.2.3 Topography and Surface Drainage

Over the last 80 years, the natural topography of Fort Monmouth has been altered by excavation and filling activities conducted by the military. The land surface at the Main Post is relatively flat and ranges in elevation from approximately four feet above mean sea level (amsl) in the east at Oceanport Creek to 32 feet amsl at the western end of the Main Post, near Highway 35. The eastern half of the Main Post is generally 10 feet amsl in elevation (Versar, 2003).

Surface water runoff from the western part of the Main Post flows into the Lafetra Creek to the north or into the Mill Creek to the south. Both Mill Creek and Lafetra Creek originate off-post. Lafetra Creek forms the northern boundary of the Main Post and joins Mill Creek to form Parkers Creek. Parkers Creek flows eastward along the northern boundary and joins Oceanport Creek east of the Main Post. Most of Parkers Creek, Lafetra Creek and Mill Creek are tidally influenced (Versar, 2003).

3.0 SITE INVESTIGATIONS, REMEDIAL INVESTIGATIONS, AND REMEDIAL ACTIONS

Fort Monmouth DPW and TVS personnel have performed site investigations, remedial investigations, and remedial action activities at the 800, 700, and 400 Areas in support of the future construction activities under the RCI and EUL programs. The actions at the 800, 700, and 400 Areas encompassed the following activities:

- Reviewed historical maps of Fort Monmouth from the 1940s and 1950s to identify potential contaminant sources.
- Performed a geophysical investigation in order to identify, locate, and remove historic USTs at the 800, 700, and 400 Areas; in addition, the geophysical surveys resulted in the detection of non-UST anomalies that were detected and investigated during the course of the project (see Section 3.1.1 for details) (NOTE: Closure reports for each of the USTs will be submitted by Fort Monmouth to the NJDEP separately from this report).
- Investigated and characterized environmental conditions at designated portions of the 800, 700, and 400 Areas.
- Excavated contaminated soils in areas identified through remedial investigation sampling conducted between July 2003 and April 2005.
- Conducted post-excavation soil sampling to evaluate the effectiveness of the remedial action.
- Compared the results of the sampling at the 800 Area with the NJDEP Residential Direct Contact Soil Cleanup Criteria (RDCSCC) listed in Cleanup Standards for Contaminated Sites, N.J.A.C. 7:26D.
- Compared the results of the sampling at the 700 and 400 Areas with the NJDEP Non-Residential Direct Contact Soil Cleanup Criteria (NRDCSCC) listed in Cleanup Standards for Contaminated Sites, N.J.A.C. 7:26D.
- Conducted waste characterization sampling and analyses and off-site disposal of contaminated soils.

The following sections describe these activities.

3.1 THE 800 AREA

Activities associated with the 800 Area are described in the following sections and include a geophysical study and UST closure activities, site investigation activities and a discussion of the contaminants of

Text omitted unless pertaining to the 400 area

As shown on Table 12 and Figure 6, a total of four AOC's were identified during the initial site investigation around four sample locations: 700-B9, 700-B14, 700-B30, and 700-B49. Two rounds of soil borings and collection of delineation samples were performed during the RI phase around the location of the two soil samples identified as containing concentrations of SVOCs above the NRDCSCC during the site investigation in order to establish the horizontal and vertical extent of the contamination (see Table 14 and Figure 7). Subsequent to completion of the RI delineation sampling, one round of remedial excavation and post-excavation sampling were conducted at the 700 Area (see Tables 15 and Figure 8). A total of 160 delineation and post-excavation and 9 field duplicate samples were collected throughout the 700 Area. A total of 158 samples with SVOC and pesticide concentrations less than the NRDCSCC were collected throughout the 700 Area. All areas where samples indicated SVOC concentrations greater than the NRDCSCC were excavated during the remedial action. Regarding the Heptachlor exceedances found at two boring locations, as stated in the paragraph above, it is believed that no remediation of the two locations is required for pesticide contamination that results from the routine application of pesticides to landscaped areas. Therefore, it is recommended that the NJDEP issue a No Further Action letter for SVOC and pesticide contamination at the 700 Area.

3.3 THE 400 AREA

Activities associated with the 400 Area are described in the following sections and included a geophysical study and UST closure activities, site investigation activities and a discussion of the contaminants of concern that were found, remedial investigation activities, and remedial actions.

3.3.1 Geophysical Survey and UST Closure Activities

A review of historical maps for the Fort Monmouth Main Post revealed that prior to the 1970s approximately 75 barracks buildings occupied an area of approximately 33 acres within the designated 400 Area. According to one utility map, most of these buildings were supplied by a 1000-gallon #2 fuel oil UST for heating purposes. No records were available to indicate whether these tanks were removed during the demolition of the barracks buildings which occurred in the 1960s. In an effort to identify remaining USTs and/or buried debris beneath the 400 Area, a geophysical study was performed. In June 2004 through August 2004, Enviroscan conducted a geophysical survey of the 400 Area. A copy of this report is provided as Appendix F.

The first component of the field effort involved an electromagnetic (EM) terrain conductivity/metal

detector survey of the entire site. Ground penetrating radar (GPR) scanning was then performed in order to further characterize specific targets identified in the EM survey. The terrain conductivity and inphase data from the EM survey displayed long, linear, orthogonal anomalies of the type consistent with underground utilities. The presence of these inferred utilities was confirmed with GPR. Only a single location produced laterally-restricted, high-amplitude, parabolic reflections of the type consistent with a UST. This location was identified on the northern side of a former building (T-409) between Allen Avenue and Hazen Drive. The footprint of the inferred target was GPR-surveyed. No parabolic reflections of the type associated with standard horizontal cylindrical USTs were observed in the GPR profiles from the field north of Hazen Drive. The presence of a large EM anomaly centered on the mapped location of a former tank suggested that the tank or its remnants (possibly including product piping) still existed beneath the 400 Area at the time of this investigation; however, both of the locations described above are located approximately one-quarter mile north/northwest of the subject area (adjacent to the intersection of Evans Avenue and Tilly Avenue) that was designated for future maintenance building construction and that is the subject of this report. In addition, Mr. Doug Guenther of the Fort Monmouth DPW Environmental Office informed Tetra Tech that no UST had been found to remain at the subject site.

3.3.2 Site Investigation

Between June 21 and 24, 2003, Fort Monmouth DPW and TVS conducted an investigation in support of future maintenance building construction under EUL of the subject site in the 400 Area. This investigation consisted of the advancement of soil borings, using direct-push technology, spaced in a grid oriented approximately 50 feet apart. A total of 17 soil borings were advanced in the 400 Area during the SI. Soil borings were advanced to a depth of eight feet bgs. Soil samples collected at 0 to 6 inches bgs were analyzed for SVOCs + 15 parameters, pesticides, PCBs, TPHC, and TAL metals. Soil samples from 18 to 24 inches bgs were analyzed for VOCs + 15 parameters. The soil from the borings was screened with a PID for indications of TPHC contamination; soil samples collected at 0 to 6 inches bgs at all locations. In most cases, a second soil sample was collected at varying depths below 2.0' bgs for TPHC based on the PID screening at each of the borings. A total of 45 samples and 3 duplicate samples were collected (Figure 9). A sample program summary table is presented as Table 17. Pursuant to the intended use of the 400 Area, the laboratory analytical results were compared to the NRDCSCC.

Five borings (400-B6, 400-B7, 400-B10, 400-B14, and 400-B15) had concentrations of SVOCs and/or PCBs above the NJDEP NRDCSCC. The soil samples with exceedances are presented in Table 18.

These were considered the COCs for the 400 Area. The sample locations and concentrations are shown on Figure 9. A copy of the laboratory analytical report is included in Appendix G.

The areas where contamination was detected did not coincide with the anomalous targets identified during the geophysical survey. Historical data was reviewed by DPW personnel to assess potential sources of these COC's. The SVOCs may be present from the breakdown of petroleum-based products historically used as a delivery matrix during normal application of pesticides to grass areas around the barracks. The PCB exceedences indicate anomalous occurrences. No other potential sources were identified. An RI and remedial action was conducted in each of the areas to delineate and remove the contaminated soils that were identified. Section 3.3.3 below discusses the COC's identified and Section 3.3.4 below describes the RI and RA performed.

3.3.3 Contaminants of Concern

As stated in the preceding paragraphs, five borings were found to contain concentrations of contaminants above the NRDCSCC. Based on the results of the site investigation sampling, SVOCs and PCBs were considered to be the only COCs for the 400 Area (no other analytes were detected above the NJDEP NRDCSCC criteria). The following paragraphs present the results of the COCs.

Benzo(a)pyrene was detected above the NJDEP NRDCSCC criteria. The NJDEP NRDCSCC criteria for this SVOC is 0.66 mg/kg and was detected above the criteria at three locations during the site investigation sampling. Concentrations of SVOCs detected that exceeded the criteria ranged from 0.91 mg/kg of benzo(a)pyrene at boring 400-B10 to 3.3 mg/kg of benzo(a)pyrene at boring 400-B14.

PCBs were detected above the NJDEP NRDCSCC criteria of 2.0 mg/kg during the site investigation sampling at two locations. The total PCB concentrations ranged from 2.015 mg/kg at boring 400-B6 to 12.144 mg/kg at boring 400-B7.

3.3.4 Remedial Investigation and Remedial Action

From July to November 2004, Fort Monmouth DPW and TVS conducted a remedial investigation and remedial action that included additional delineation of contaminated soils identified during the site investigation and excavation and disposal of contaminated soils.

Soil borings performed during the remedial investigation were advanced around the location of the soil samples that were identified as contaminated during the site investigation, followed by the collection of delineation samples (Figure 10). Any areas where the concentration in the delineation samples exceeded the NRDCSCC were stepped-out horizontally and vertically and re-sampled. This procedure was continued until all samples had concentrations that were below the NRDCSCC. A total of seven rounds of delineation sampling were performed. A total of 70 samples were collected during the RI (see Table 17: Sample Program Summary – 400 Area). Subsequent to the completion of the delineation sampling, excavation and post-excavation sampling were conducted. Two rounds of excavation and post-excavation sampling were conducted at the 400 Area. The RI and RA sampling are discussed in the following paragraphs. The laboratory analytical data for all of the sampling rounds conducted at the 400 Area is presented in Appendix G. Samples collected for QA/QC purposes pursuant to NJDEP Technical Requirements for Site Remediation (N.J.A.C. 7:26E *et al*.) are described in Section 4.0.

The first round of delineation sampling was conducted on July 22, 2004 and July 26, 2004. A total of five soil borings were advanced around each of the five soil boring locations identified in the site investigation (400-B6, 400-B7, 400-B10, 400-B14, and 400-B15) in order to delineate the extent of contamination. Four soil samples were collected on each side of a 10-foot by 10-foot square area around each of the five boring locations in order to delineate the horizontal extent of contamination and one soil sample was collected directly adjacent to the original borehole at a depth of 12-18 inches bgs to delineate the vertical extent of contamination. A total of 25 delineation samples and 2 duplicate samples were collected and analyzed for PCBs and SVOCs. Of these, 11 samples had concentrations of PCBs and SVOCs exceeding the NRDCSCC. The delineation soil samples with exceedances are presented in Table 19. The delineation soil sampling results for rounds one through seven are presented on Figure 10.

The second sampling round was conducted on August 4, 2004. A total of 14 samples and one duplicate sample were collected and analyzed for PCBs and SVOCs. None of the samples had concentrations of SVOCs exceeding the NRDCSCC; however, 3 samples had concentrations of PCBs exceeding the NRDCSCC (NOTE: Because the SVOC contamination was successfully delineated at 400-B10, 400-B14, and 400-B15 by the samples collected in the first and second rounds of the RI, SVOCs were not analyzed for in subsequent RI rounds). The soil samples with exceedances are presented in Table 20.

The third sampling round was conducted on August 12, 2004. A total of 6 samples were collected and analyzed for PCBs. Of these, 4 samples had concentrations of PCBs exceeding the NRDCSCC. The soil

samples with exceedances are presented in Table 21.

The fourth sampling round was conducted on August 19, 2004. A total of 9 samples and one duplicate were collected and analyzed for PCBs. Of these, 7 samples had concentrations of PCBs exceeding the NRDCSCC. The soil samples with exceedances are presented in Table 22.

The fifth sampling round was conducted on August 26, 2004. A total of 8 samples were collected and analyzed for PCBs. Of these, 6 samples had concentrations of PCBs exceeding the NRDCSCC. The soil samples with exceedances are presented in Table 23.

The sixth sampling round was conducted on September 8, 2004. A total of 6 samples were collected and analyzed for PCBs. Of these, 1 sample had concentrations of PCBs exceeding the NRDCSCC. The soil sample with exceedances is presented in Table 24.

The seventh sampling round was conducted on September 15, 2004. A total of 2 samples were collected and analyzed for PCBs. None of the samples had concentrations of PCBs exceeding the NRDCSCC.

RA excavation to a depth of 1.0' to 2.0 bgs in the B7 area and to 1.5' bgs at areas B6, B10, and B14 followed by collection of an initial round of post-excavation samples was conducted between October 20 and 25, 2004. A total of 14 post-excavation samples and 2 duplicate samples were collected. Of these, 1 sample collected from the B15 area had concentrations of SVOCs exceeding the NRDCSCC; no samples were found to contain concentrations of PCBs above the NRDCSCC. The soil sample results are presented in Table 25.

An additional excavation of the remaining contaminated section of the B15 area was performed to a depth of 2.5'bgs followed by a second round of post-excavation sampling conducted on November 4, 2004. One post-excavation sample was collected. This sample did not exhibit concentrations of SVOCs exceeding the NRDCSCC. The sample result is also shown on Table 25.

As shown on Table 18 and Figure 9, a total of five AOC's were identified during the initial site investigation around five sample locations: 400-B6, 400-B7, 400-B10, 400-B14, and 400-B15. Seven rounds of soil borings and collection of 70 delineation samples were performed during the RI phase around the location of the contaminated soil samples identified during the site investigation in order to establish the horizontal and vertical extent of the contamination (see Tables 19 through 24 and Figure 10).

Subsequent to completion of the RI delineation sampling, two rounds of remedial excavation and post-excavation sampling were conducted at the 400 Area (see Table 25 and Figure 11). A total of 128 delineation and post-excavation samples and 9 field duplicate samples were collected throughout the 400 Area. A total of 97 samples with SVOC and PCB concentrations less than the NRDCSCC were collected throughout the 400 Area. All areas where delineation samples indicated concentrations greater than the NRDCSCC were excavated during the remedial action. Therefore, it is recommended that the NJDEP issue a No Further Action letter for the SVOC and PCB contamination for the 400 Area.

4.0 QUALITY ASSURANCE AND QUALITY CONTROL

This section describes the quality assurance and quality control (QA/QC) program that was followed during implementation of the remedial action. Sampling activities conducted during the remedial action were performed in accordance with the NJDEP Field Sampling Procedures Manual (NJDEP 1992). Quality assurance measures are listed here and described in more detail below:

- All samples were analyzed by a certified laboratory. All samples were shipped to the Fort Monmouth Environmental Testing Lab (NJDEP Certification No. 13461; New York State Department of Health [NYSDOH] Certification No. 11699).
- Collection and analyses of field duplicate samples
- Laboratory data validation
- Electronic management of analytical results

During the course of conducting the remedial actions, a total of 24 field samples and associated duplicate samples were collected (six in the 800 Area, nine in the 700 Area, nine in the 400 Area). These sample pairs are summarized below:

- The 800 Area sample identifications: 800-39D2 0-6”/Duplicate; 800-45C 0-6”/Duplicate; 800-44E3 0-6”/Duplicate; 800-39/44PX2 /Duplicate; 800-39/44PX8 /Duplicate; and 800-39/44PX16/Duplicate
- The 700 Area sample identifications: B1 0-6”/Duplicate 0-6”; B1 18-24”/Duplicate 18-24”; B1 48”/Duplicate 48”; B21/ Duplicate 0-6”; B21 18-24”/ Duplicate 18-24”; B21 60”/ Duplicate 60”; B11 0-6”/Duplicate 0-6”; B11 18-24”/Duplicate 18-24”; and B11 36”/Duplicate 36”
- The 400 Area sample identifications: B10 0-6”/Dupe 0-6”; B10 18-24”/Dupe 18-24”; B10 4.5-5’/Dupe 4.5-5’; B7/12-18”/DUP; B14/12-18”/DUP; B7C 18-24”/Dupe; B7F1 0-6”/Duplicate; 400B15-PX1/400B15-Duplicate; and 400B7-PX3/Duplicate

The total ratio of duplicate to environmental samples is approximately 1 in 23; the NJDEP requires one duplicate per 20 environmental samples. The ratio of duplicate to environmental samples for the 700 Area is about 1 in 18 and for the 400 Area is about 1 in 14; however, the ratio of duplicate to environmental samples for the 800 Area is about 1 in 45. The Fort Monmouth DPW Environmental Office has indicated, however, that due to the limited size of the main excavation in the 800 Area (around boring locations 800-39 and 800-44) and the fact that the total number of samples collected was far

greater than required by the NJDEP Technical Requirements for Site Remediation (N.J.A.C. 7:26E *et al.*), it is believed that the quality assurance of the field sampling was adequate.

Pursuant to N.J.A.C. 7:26E Subchapter 2, the Fort Monmouth Environmental Testing Lab performed data validation of the samples analyzed for this project. As such, the analytical results received from the Fort Monmouth Environmental Testing Lab in the HAZSITE electronic data deliverables format were deemed useable and reliable as submitted or qualified. Information on laboratory quality controls including but not limited to method blanks, matrix spikes (MS) and matrix spike duplicates (MSD) are included in each laboratory data package. The laboratory authentication statements certifying the results, laboratory performance standards and compliance with quality control requirements specified in N.J.A.C. 7:18 and 40 CFR Part 136 for water and waste water analyses and SW-846 for solid waste analyses are also included in each laboratory data package. Consistent with its scope of work for this project, Tetra Tech did not complete any independent data validation activities.

Electronic data management enhances the QA/QC of analytical data during preparation of summary tables that are used to determine whether a sample result exceeds the NJDEP RDCSCC or NRDCSCC. It also enhances the QA/QC and reliability of sample coordinates provided in the NJDEP HAZSITE deliverables. The following describes the QA/QC procedure and electronic data management from the laboratory to the report summary tables and HAZSITE deliverables.

- All analytical data is maintained in a Microsoft Access database that was developed to meet the specifications of the NJDEP Electronic Data Deliverables (HAZSITE) program. Completed electronic deliverables in a HAZSITE-compatible format are provided by the Fort Monmouth Environmental Testing Lab and imported into the Access database. Various query and reporting functions have been built into the database to allow automated extraction, analysis and reporting of laboratory results to assist in report preparation.

- Sample locations are maintained in an AutoCad (CAD) file that has been geo-rectified to the New Jersey State Plane Feet coordinate system (NAD83). The sample locations and coordinates were provided by the DPW. The coordinates of the sample locations were imported into the CAD file. Once imported, the locations of the sample points and excavation boundaries in the CAD file were then verified by DPW/TVS personnel to ensure they were properly located.

5.0 WASTE CHARACTERIZATION AND DISPOSAL

In excess of 2,000 tons of contaminated soil exceeding the applicable regulatory criteria (both RDCSCC and NRDCSCC) were excavated from the 800, 700, and 400 Areas of the Main Post. The contaminated soils were stockpiled and managed in accordance with NJDEP regulations and guidelines. All contaminated soil exceeding the regulatory criteria from the 800 Area and some of the contaminated soil from the 700 and 400 Areas has been shipped from Fort Monmouth for disposal.

As of December 2004, 1,807 tons of soil has been characterized and disposed of by the U.S. Army, Fort Monmouth Directorate of Public Works (DPW), and its subcontractor, ONYX Environmental Services. In March 2004, 841 tons of SVOC contaminated soil was transported and disposed. In March and April 2004, 788 tons of ID-27/pesticide contaminated soil was transported and disposed. In October 2004, 178 tons of PCB contaminated soil from the 400 Area was transported and disposed. All of these batches of soil were transported to Model City, New York for disposal. In May 2005, 413 tons of petroleum/SVOC contaminated soils from the 400 Area excavations and the 700 Area UST excavations were transported and recycled at Clean Earth of Philadelphia.

The hazardous waste disposal manifests and summary tables for the soil disposal conducted to date are included in Appendix H.

No offsite disposal of water was required during the remedial action. Minor amounts of water generated during equipment decontamination was mixed with the contaminated soils removed from the site.

4.0 REFERENCES

Enviroscan, Inc. (Enviroscan). 2003a. "Geophysical Survey, Buried Construction Debris and UST Detection/Delineation, 33-Acre Area, Fort Monmouth, New Jersey". June.

Enviroscan. 2003b. "Geophysical Survey, Buried Construction Debris and UST Detection/Delineation, 700 Area, Fort Monmouth, New Jersey". November.

Enviroscan. 2004. "Final Report. Geophysical Survey. UST Detection/Delineation, 400 Area, Fort Monmouth, New Jersey". September.

Historic Pesticide Contamination Task Force. 1999. "Findings and Recommendations for the Remediation of Historic Pesticide Contamination". Prepared for the New Jersey Department of Environmental Protection. March.

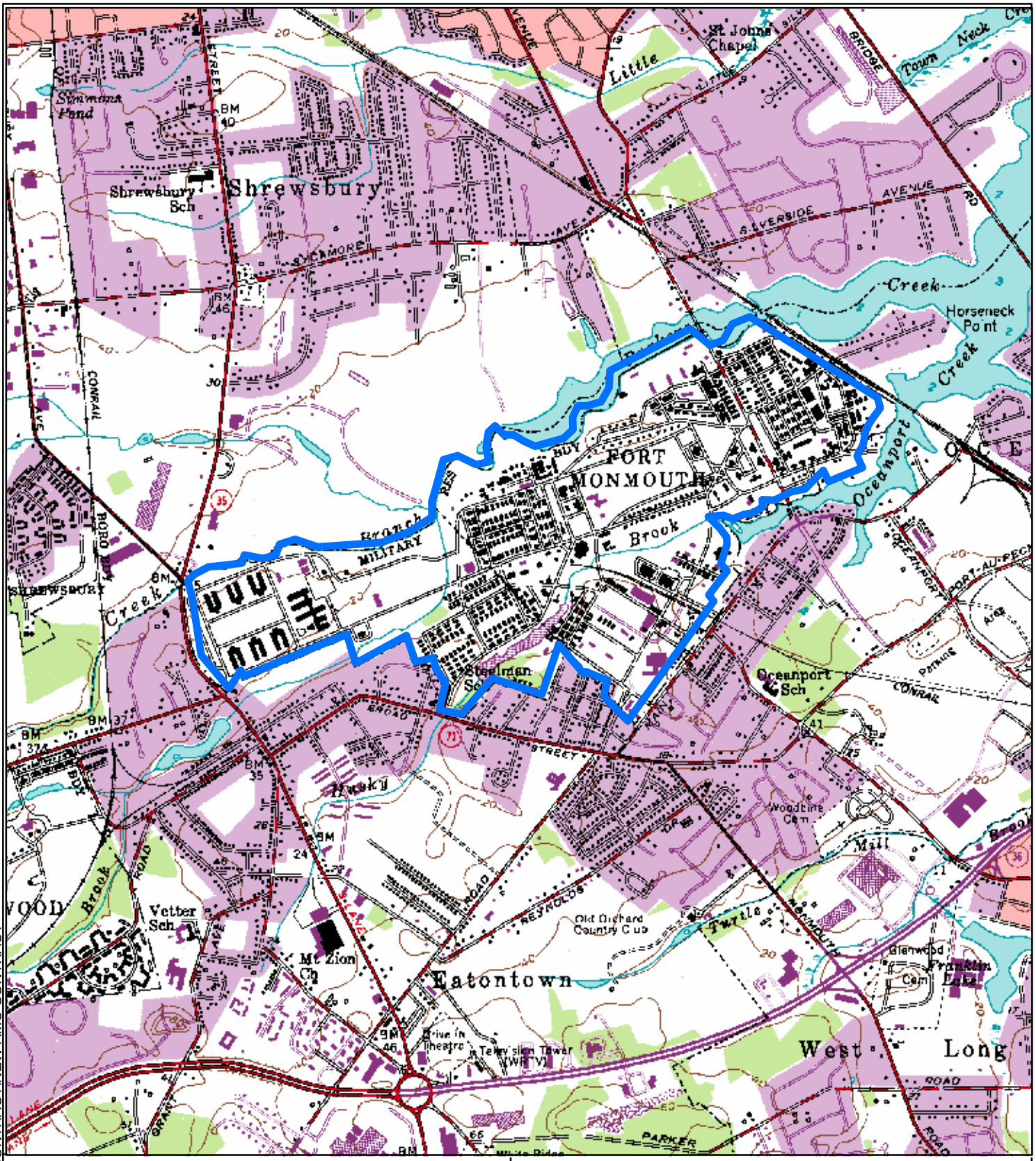
New Jersey Department of Environmental Protection. 1992. "Field Sampling Procedures Manual". May.

New Jersey Geological Survey. 1994. "Geologic Map of New Jersey".

Versar, Inc. 2003. "Final Remedial Investigation Report M-12 Landfill Site, U.S. Army Garrison Fort Monmouth, Fort Monmouth, New Jersey." September.

FIGURES

Figures have been omitted unless pertaining to the 400 area



2,000 1,000 0 2,000 Feet

SOURCE: USGS DIGITAL TOPOQUAD
LONGBRANCH, NJ
1954 - PHOTOREVISED 1981

LEGEND

FTMM Boundary (approx.)

Tetra Tech EM Inc.
100 Enterprise Drive, Suite 400
Rockaway, New Jersey 07866
(973) 659-9996

FIGURE 1

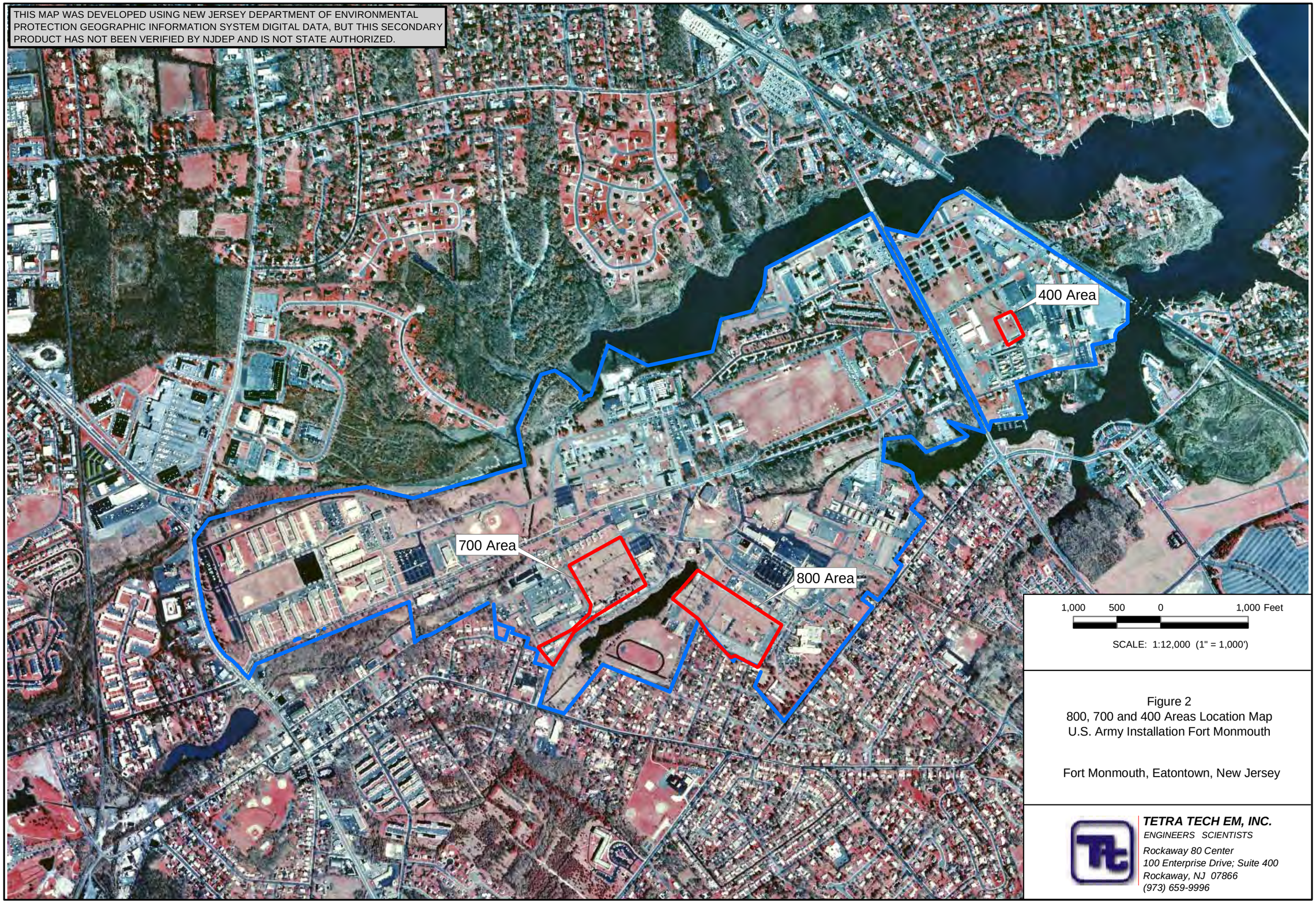
U.S. Army Installation Fort Monmouth Location Map

Fort Monmouth, Eatontown, New Jersey

DATE:	10/04/05
DESIGNED BY:	JR\KJP
SCALE:	AS SHOWN
JOB NO.:	S3152.03
DWG. NO.:	Figure 1

S:\PROJECTS\FEDERAL\AMC CONTRACT\NEW AMC CONTRACT

THIS MAP WAS DEVELOPED USING NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION GEOGRAPHIC INFORMATION SYSTEM DIGITAL DATA, BUT THIS SECONDARY PRODUCT HAS NOT BEEN VERIFIED BY NJDEP AND IS NOT STATE AUTHORIZED.



1,000 500 0 1,000 Feet

SCALE: 1:12,000 (1" = 1,000')

Figure 2
800, 700 and 400 Areas Location Map
U.S. Army Installation Fort Monmouth

Fort Monmouth, Eatontown, New Jersey

TETRA TECH EM, INC.
ENGINEERS SCIENTISTS
Rockaway 80 Center
100 Enterprise Drive; Suite 400
Rockaway, NJ 07866
(973) 659-9996

B1
B2
B3
B4
B5
B6
B7
B8
B9
B10
B11
B12
B13
B14
B15

Evans Avenue

Tilly Avenue

Grassy Area

Asphalt Paved Area

400 Area - Site Investigation Exceedances

Sample ID (Depth)	Analyte	NRDCSCC (ppm)	Result (ppm)
B10 (0-0.5)	Benzo[a]pyrene	0.66	0.91
B7 (0-0.5)	PCB (Total)	2	12.144
B6 (0-0.5)	PCB (Total)	2	2.0153
B15 (0-0.5)	Benzo[a]pyrene	0.66	1.6
B14 (0-0.5)	Benzo[a]pyrene	0.66	3.3

20 10 0 20 Feet

Notes:
1) Samples collected at 0.0' - 0.5' were analyzed for SVOCs, pesticides, PCBs, metals and TPHC.
2) Samples collected at 1.5' - 2.0' were analyzed for VOCs.
3) Samples collected at various depths and analyzed for TPHC as applicable (based on PID screening results) no exceedances.
4) Table presents only soil samples that exceeded NJDEP NRDCSCC for contaminants of concern.

NRDCSCC = Non-Residential Direct Contact Soil Cleanup Criteria
ft. bgs = feet below ground surface
PPM = parts per million (equivalent to mg/kg)

▲ No Exceedance of NRDCSCC for metals, pesticides/PCBs, TPH, SVOCs and VOCs

▲ Exceedance of NRDCSCC for PCBs and/or SVOCs

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Figure 9 - 400 Area
Site Investigation Soil Sample Locations

Main Post - Ft. Monmouth, New Jersey

DATE: 09/21/2005
DESIGNED BY: JR
SCALE: AS SHOWN
JOB NO.: P3174.03
DWG. NO.: Figure 9

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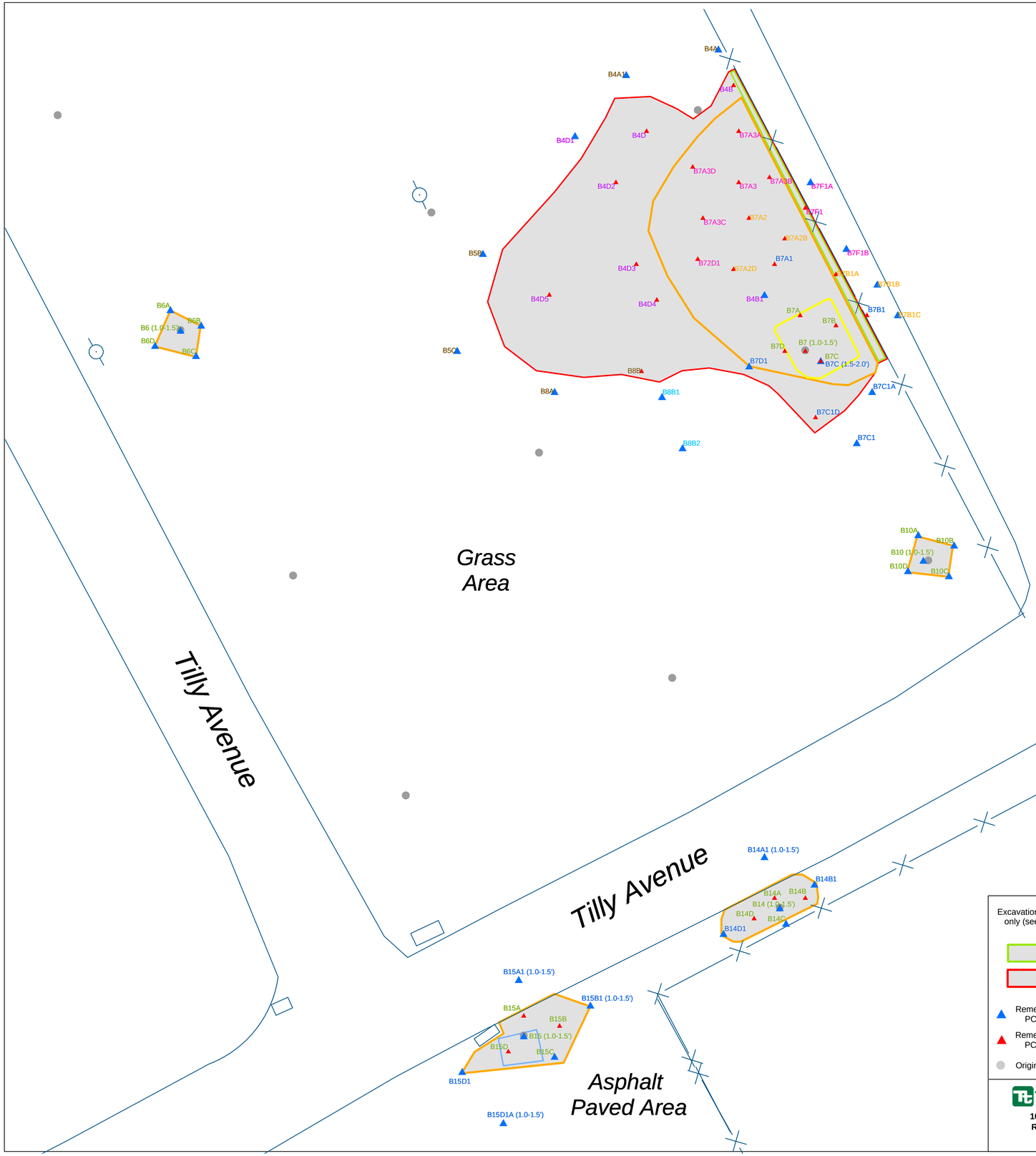

400 Area - Remedial Investigaton Exceedances			
Sample ID (Depth)	Analyte	NRDCSCC (ppm)	Result (ppm)
B4B (0-0.5)	PCB (Total)	2	7.8034
B4D (0-0.5)	PCB (Total)	2	2.815
B4D2 (0-0.5)	PCB (Total)	2	2.1945
B4D3 (0-0.5)	PCB (Total)	2	10.2022
B4D4 (0-0.5)	PCB (Total)	2	5.8941
B4D5 (0-0.5)	PCB (Total)	2	10.4011
B7 (1-1.5)	PCB (Total)	2	26.4026
B7A (0-0.5)	PCB (Total)	2	12.4149
B7B (0-0.5)	PCB (Total)	2	30.389
B7C (0.0-0.5)	PCB (Total)	2	173.8372
B7D (0-0.5)	PCB (Total)	2	11.4001
B7A1 (0-0.5)	PCB (Total)	2	29.4026
B7B1 (0-0.5)	PCB (Total)	2	25.4415
B7C1D (0-0.5)	PCB (Total)	2	2.0296
B7A2 (0-0.5)	PCB (Total)	2	4.5071
B7A2B (0-0.5)	PCB (Total)	2	19.3945
B7A2D (0-0.5)	PCB (Total)	2	15.3989
B7B1A (0-0.5)	PCB (Total)	2	13.4059
B72D1 (0-0.5)	PCB (Total)	2	15.4296
B7A3 (0-0.5)	PCB (Total)	2	4.7902
B7A3A (0-0.5)	PCB (Total)	2	5.4059
B7A3B (0-0.5)	PCB (Total)	2	16.4216
B7A3C (0-0.5)	PCB (Total)	2	15.427
B7A3D (0-0.5)	PCB (Total)	2	4.4244
B7F1 (0-0.5)	PCB (Total)	2	16.3953
B8B (0-0.5)	PCB (Total)	2	4.2167
B14A (0-0.5)	Benzo[a]anthracene	4	27
B14A (0-0.5)	Benzo[a]pyrene	0.66	31
B14A (0-0.5)	Benzo[b]fluoranthene (3,4-Benzofluoranthene)	4	37
B14A (0-0.5)	Benzo[k]fluoranthene	4	13
B14A (0-0.5)	Dibenz[a,h]anthracene	0.66	4.1
B14A (0-0.5)	Indeno[1,2,3-cd]pyrene	4	11
B14B (0-0.5)	Benzo[a]anthracene	4	17
B14B (0-0.5)	Benzo[a]pyrene	0.66	20
B14B (0-0.5)	Benzo[b]fluoranthene (3,4-Benzofluoranthene)	4	21
B14B (0-0.5)	Benzo[k]fluoranthene	4	7.9
B14B (0-0.5)	Dibenz[a,h]anthracene	0.66	2.7
B14B (0-0.5)	Indeno[1,2,3-cd]pyrene	4	8
B14D (0-0.5)	Benzo[a]anthracene	4	6.6
B14D (0-0.5)	Benzo[a]pyrene	0.66	8.9
B14D (0-0.5)	Benzo[b]fluoranthene (3,4-Benzofluoranthene)	4	11
B14D (0-0.5)	Dibenz[a,h]anthracene	0.66	1.4
B14D (0-0.5)	Indeno[1,2,3-cd]pyrene	4	4.3
B15 (0-0.5)	Benzo[a]pyrene	0.66	1.6
B15A (0-0.5)	Benzo[a]anthracene	4	4.5
B15A (0-0.5)	Benzo[a]pyrene	0.66	5
B15A (0-0.5)	Benzo[b]fluoranthene (3,4-Benzofluoranthene)	4	6.7
B15A (0-0.5)	Dibenz[a,h]anthracene	0.66	0.67
B15B (0-0.5)	Benzo[a]pyrene	0.66	0.86
B15D (0-0.5)	Benzo[a]anthracene	4	10
B15D (0-0.5)	Benzo[a]pyrene	0.66	15
B15D (0-0.5)	Benzo[b]fluoranthene (3,4-Benzofluoranthene)	4	15
B15D (0-0.5)	Benzo[k]fluoranthene	4	5.6
B15D (0-0.5)	Dibenz[a,h]anthracene	0.66	2
B15D (0-0.5)	Indeno[1,2,3-cd]pyrene	4	6

Excavation Boundaries - Included for reference only (see Figure 11 for post-excavation sample locations)

0.5' Depth
1' Depth
1.5' Depth
2' Depth
2.5' Depth

▲ Remedial Investigation Sample - No Exceedance of NRDCSCC for PCBs and/or SVOCs.

▲ Remedial Investigation Sample - Exceedance of NRDCSCC for PCBs and/or SVOCs

● Original Site Investigation Sample Location

Sample Round Color Code Scheme

Remedial Investigation - Round 1
Remedial Investigation - Round 2
Remedial Investigation - Round 3
Remedial Investigation - Round 4
Remedial Investigation - Round 5
Remedial Investigation - Round 6
Remedial Investigation - Round 7

10 5 0 10 20 Feet

Notes:
1) Samples collected were analyzed for SVOCs, and/or PCBs.
2) All samples collected at 0.0 - 0.5' unless otherwise indicated.
3) Table presents only soil samples that exceeded NJDEP NRDSCC.
4) PCB concentrations that are shown are total concentrations and are calculated for each sample as follows: the sum equals the concentration of the detected Aroclor(s) plus one-half the detection limit of the non-detected Aroclors.

ft. bgs = feet below ground surface
PPM = parts per million (equivalent to mg/kg)
NRDCSCC = Non-Residential Direct Contact Soil Cleanup Criteria

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Rockaway, New Jersey 07866
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Figure 10 - 400 Area
Remedial Investigation Soil Sample Locations

Main Post - Ft. Monmouth, New Jersey

DATE: 12/13/2005
DESIGNED BY: JR
SCALE: AS SHOWN
JOB NO.: P3174.03
DWG. NO.: Figure 10

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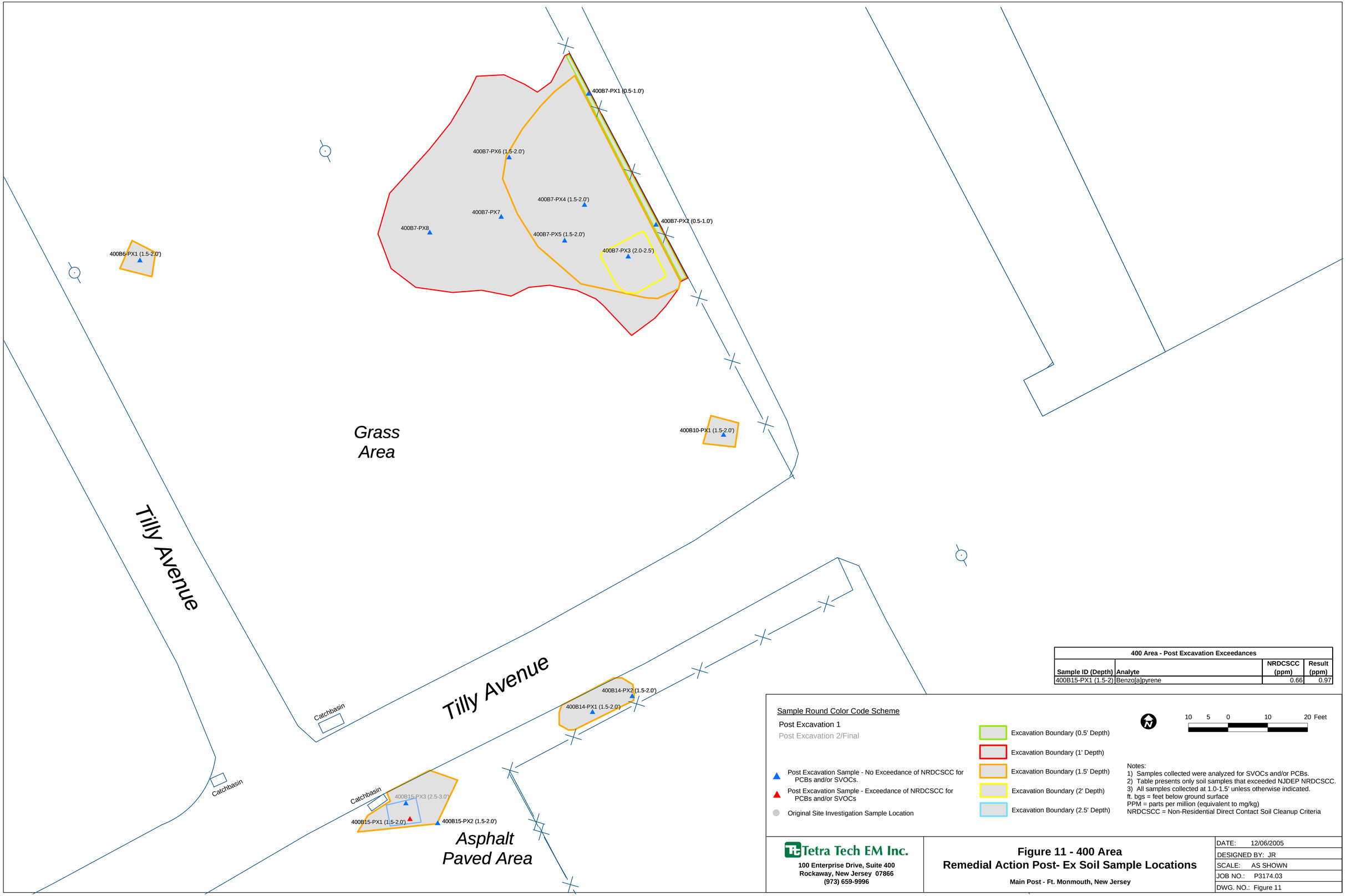

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400 Area - Post Excavation Exceedances

Sample ID (Depth)	Analyte	NRDCSCC (ppm)	Result (ppm)
400B15-PX1 (1.5-2)	Benzo[a]pyrene	0.66	0.97

Sample Round Color Code Scheme

Post Excavation 1

Post Excavation 2/Final

- Post Excavation Sample - No Exceedance of NRDCSCC for PCBs and/or SVOCs.
- Post Excavation Sample - Exceedance of NRDCSCC for PCBs and/or SVOCs
- Original Site Investigation Sample Location

- Excavation Boundary (0.5' Depth)
- Excavation Boundary (1' Depth)
- Excavation Boundary (1.5' Depth)
- Excavation Boundary (2' Depth)
- Excavation Boundary (2.5' Depth)

10 5 0 10 20 Feet

Notes:
1) Samples collected were analyzed for SVOCs and/or PCBs.
2) Table presents only soil samples that exceeded NJDEP NRDCSCC.
3) All samples collected at 1.0-1.5' unless otherwise indicated.
ft. bgs = feet below ground surface
PPM = parts per million (equivalent to mg/kg)
NRDCSCC = Non-Residential Direct Contact Soil Cleanup Criteria

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Figure 11 - 400 Area
Remedial Action Post- Ex Soil Sample Locations

Main Post - Ft. Monmouth, New Jersey

DATE: 12/06/2005
DESIGNED BY: JR
SCALE: AS SHOWN
JOB NO.: P3174.03
DWG. NO.: Figure 11

TABLES

Tables have been omitted unless pertaining to the 400 area

Table 16
400 Area
Areas of Concern
Fort Monmouth, NJ

Original Exceedance Areas	Initial Site Investigation (SI) Exceedance Location	Contaminant of Concern (COC)	Location
1	(400-)B6	PCB's	Open Grass Area on the North/Northeast corner of the Intersection of Evans Avenue and Tilly Avenue (B6 is located adjacent to the east side of Evans Avenue)
2	(400-)B7	PCB's	Open Grass Area on the North/Northeast corner of the Intersection of Evans Avenue and Tilly Avenue (B7 is located adjacent to the fence bordering the east side of the grass area)
3	(400-)B10	SVOC's	Open Grass Area on the North/Northeast corner of the Intersection of Evans Avenue and Tilly Avenue (B10 is located adjacent to the fence bordering the east side of the grass area)
4	(400-)B14	SVOC's	Open Grass Area and/or Asphalt Paved Area on the South Side of Tilly Avenue (B14 is located adjacent to the fence bordering an equipment storage area)
5	(400-)B15	SVOC's	Open Grass Area and/or Asphalt Paved Area on the South Side of Tilly Avenue (B15 is located adjacent to the fence bordering an equipment storage area)

Table 17 Sample Program Summary - 400 Area

Sample ID	Lab ID	Date Sampled	Sample Depth (feet bgs)	Analytical Parameters
B1	4047802	6/21/2004	0-0.5	Metals, Mercury, PCBs, SVOCs, TPH, Pest./Herb.
B1	4047803	6/21/2004	1.5-2	VOCs
B2	4047804	6/21/2004	0-0.5	TPH, PCBs, Pest./Herb., SVOCs, Mercury, Metals
B2	4047805	6/21/2004	1.5-2	VOCs
B3	4047806	6/21/2004	0-0.5	Mercury, Metals, PCBs, SVOCs, TPH, Pest./Herb.
B3	4047807	6/21/2004	1.5-2	VOCs
B4	4047808	6/21/2004	0-0.5	PCBs, TPH, Metals, SVOCs, Mercury, Pest./Herb.
B4	4047809	6/21/2004	1.5-2	VOCs
B1	4048402	6/22/2004	5-5.5	TPH
B10	4048424	6/22/2004	0-0.5	Pest./Herb., Metals, TPH, SVOCs, PCBs
B10	4048425	6/22/2004	1.5-2	VOCs
B10	4048426	6/22/2004	4.5-5	TPH
B11	4048902	6/22/2004	0-0.5	TPH, Pest./Herb., PCBs, SVOCs, Metals
B11	4048903	6/22/2004	1.5-2	VOCs
B11	4048904	6/22/2004	4.5-5	TPH
B12	4048905	6/22/2004	0-0.5	PCBs, Pest./Herb., Metals, TPH, SVOCs
B12	4048906	6/22/2004	1.5-2	VOCs
B12	4048907	6/22/2004	3.5-4	TPH
B13	4048908	6/22/2004	0-0.5	Metals, TPH, SVOCs, PCBs, Pest./Herb.
B13	4048909	6/22/2004	1.5-2	VOCs
B13	4048910	6/22/2004	3.5-4	TPH
B14	4048911	6/22/2004	0-0.5	TPH, PCBs, SVOCs, Metals, Pest./Herb.
B14	4048912	6/22/2004	1.5-2	VOCs
B14	4048913	6/22/2004	3.5-4	TPH
B15	4048914	6/22/2004	0-0.5	SVOCs, Metals, Pest./Herb., TPH, PCBs
B15	4048915	6/22/2004	1.5-2	VOCs
B15	4048916	6/22/2004	3.5-4	TPH
B2	4048403	6/22/2004	5-5.5	TPH
B3	4048404	6/22/2004	5-5.5	TPH
B4	4048405	6/22/2004	4-4.5	TPH
B5	4048406	6/22/2004	0-0.5	PCBs, Pest./Herb., TPH, SVOCs, Metals
B5	4048407	6/22/2004	1.5-2	VOCs
B5	4048408	6/22/2004	5-5.5	TPH

Table 17 Sample Program Summary - 400 Area

Sample ID	Lab ID	Date Sampled	Sample Depth (feet bgs)	Analytical Parameters
B6	4048409	6/22/2004	0-0.5	PCBs, SVOCs, Pest./Herb., Metals, TPH
B6	4048410	6/22/2004	1.5-2	VOCs
B6	4048411	6/22/2004	4.5-5	TPH
B7	4048412	6/22/2004	0-0.5	PCBs, Pest./Herb., SVOCs, TPH, Metals
B7	4048413	6/22/2004	1.5-2	VOCs
B7	4048414	6/22/2004	4.5-5	TPH
B8	4048415	6/22/2004	0-0.5	PCBs, SVOCs, TPH, Metals, Pest./Herb.
B8	4048416	6/22/2004	1.5-2	VOCs
B8	4048417	6/22/2004	4.5-5	TPH
B9	4048418	6/22/2004	0-0.5	Pest./Herb., SVOCs, PCBs, TPH, Metals
B9	4048419	6/22/2004	1.5-2	VOCs
B9	4048420	6/22/2004	4.5-5	TPH
B10	4054701	7/22/2004	1-1.5	SVOCs
B10A	4054702	7/22/2004	0-0.5	SVOCs
B10B	4054703	7/22/2004	0-0.5	SVOCs
B10C	4054704	7/22/2004	0-0.5	SVOCs
B10D	4054705	7/22/2004	0-0.5	SVOCs
B14	4054706	7/22/2004	1-1.5	SVOCs
B14A	4054708	7/22/2004	0-0.5	SVOCs
B14B	4054709	7/22/2004	0-0.5	SVOCs
B14C	4054710	7/22/2004	0-0.5	SVOCs
B14D	4054711	7/22/2004	0-0.5	SVOCs
B6	4054601	7/22/2004	1-1.5	PCBs
B6A	4054602	7/22/2004	0-0.5	PCBs
B6B	4054603	7/22/2004	0-0.5	PCBs
B6C	4054604	7/22/2004	0-0.5	PCBs
B6D	4054605	7/22/2004	0-0.5	PCBs
B7	4054606	7/22/2004	1-1.5	PCBs
B7A	4054608	7/22/2004	0-0.5	PCBs
B7B	4054609	7/22/2004	0-0.5	PCBs
B7C	4054610	7/22/2004	0-0.5	PCBs
B7D	4054611	7/22/2004	0-0.5	PCBs
B15	4055501	7/26/2004	1-1.5	SVOCs

Table 17 Sample Program Summary - 400 Area

Sample ID	Lab ID	Date Sampled	Sample Depth (feet bgs)	Analytical Parameters
B15A	4055502	7/26/2004	0-0.5	SVOCs
B15B	4055503	7/26/2004	0-0.5	SVOCs
B15C	4055504	7/26/2004	0-0.5	SVOCs
B15D	4055505	7/26/2004	0-0.5	SVOCs
B14A1	4057909	8/4/2004	1-1.5	SVOCs
B14B1	4057910	8/4/2004	0-0.5	SVOCs
B14D1	4057911	8/4/2004	0-0.5	SVOCs
B15A1	4057912	8/4/2004	1-1.5	SVOCs
B15B1	4057913	8/4/2004	1-1.5	SVOCs
B15D1	4057914	8/4/2004	0-0.5	SVOCs
B15D1A	4057915	8/4/2004	1-1.5	SVOCs
B7A1	4057908	8/4/2004	0-0.5	PCBs
B7B1	4057903	8/4/2004	0-0.5	PCBs
B7C	4057901	8/4/2004	1.5-2	PCBs
B7C1	4057904	8/4/2004	0-0.5	PCBs
B7C1A	4057905	8/4/2004	0-0.5	PCBs
B7C1D	4057906	8/4/2004	0-0.5	PCBs
B7D1	4057907	8/4/2004	0-0.5	PCBs
B7A2	4059501	8/12/2004	0-0.5	PCBs
B7A2B	4059503	8/12/2004	0-0.5	PCBs
B7A2D	4059502	8/12/2004	0-0.5	PCBs
B7B1A	4059504	8/12/2004	0-0.5	PCBs
B7B1B	4059505	8/12/2004	0-0.5	PCBs
B7B1C	4059506	8/12/2004	0-0.5	PCBs
B72D1	4060902	8/19/2004	0-0.5	PCBs
B7A3	4060901	8/19/2004	0-0.5	PCBs
B7A3A	4060903	8/19/2004	0-0.5	PCBs
B7A3B	4060904	8/19/2004	0-0.5	PCBs
B7A3C	4060905	8/19/2004	0-0.5	PCBs
B7A3D	4060906	8/19/2004	0-0.5	PCBs
B7F1	4060907	8/19/2004	0-0.5	PCBs
B7F1A	4060909	8/19/2004	0-0.5	PCBs
B7F1B	4060910	8/19/2004	0-0.5	PCBs

Table 17 Sample Program Summary - 400 Area

Sample ID	Lab ID	Date Sampled	Sample Depth (feet bgs)	Analytical Parameters
B4B	4063101	8/26/2004	0-0.5	PCBs
B4B1	4063108	8/26/2004	0-0.5	PCBs
B4D	4063102	8/26/2004	0-0.5	PCBs
B4D1	4063103	8/26/2004	0-0.5	PCBs
B4D2	4063104	8/26/2004	0-0.5	PCBs
B4D3	4063105	8/26/2004	0-0.5	PCBs
B4D4	4063106	8/26/2004	0-0.5	PCBs
B4D5	4063107	8/26/2004	0-0.5	PCBs
B4A	4064901	9/8/2004	0-0.5	PCBs
B4A1	4064902	9/8/2004	0-0.5	PCBs
B5B	4064903	9/8/2004	0-0.5	PCBs
B5C	4064904	9/8/2004	0-0.5	PCBs
B8A	4064905	9/8/2004	0-0.5	PCBs
B8B	4064906	9/8/2004	0-0.5	PCBs
B8B1	4066401	9/15/2004	0-0.5	PCBs
B8B2	4066402	9/15/2004	0-0.5	PCBs
400B15-PX1	4072902	10/20/2004	1.5-2	SVOCs
400B15-PX2	4072903	10/20/2004	1.5-2	SVOCs
400B6-PX1	4072901	10/20/2004	1.5-2	SVOCs
400B10-PX1	4073003	10/21/2004	1.5-2	SVOCs
400B14-PX1	4073001	10/21/2004	1.5-2	SVOCs
400B14-PX2	4073002	10/21/2004	1.5-2	SVOCs
400B7-PX1	4074001	10/25/2004	0.5-1	PCBs
400B7-PX2	4074002	10/25/2004	0.5-1	PCBs
400B7-PX3	4074003	10/25/2004	2-2.5	PCBs
400B7-PX4	4074004	10/25/2004	1.5-2	PCBs
400B7-PX5	4074005	10/25/2004	1.5-2	PCBs
400B7-PX6	4074006	10/25/2004	1.5-2	PCBs
400B7-PX7	4074007	10/25/2004	1-1.5	PCBs
400B7-PX8	4074008	10/25/2004	1-1.5	PCBs
400B15-PX3	4076601	11/4/2004	2.5-3	SVOCs

Table 18 400 Area Site Investigation Exceedances

AOC	Sample ID	Lab ID	Date Sampled	Date Analyzed	Analysis Method	Analyte	Depth	Detection Limit (ppm)	Result (ppm)	Qual.	NRDCSCC (ppm)
400	B10	4048424	6/22/2004	6/29/2004	METHOD 8270	Benzo[a]pyrene	0-0.5	1.1	0.91	J	0.66
400	B14	4048911	6/22/2004	6/30/2004	METHOD 8270	Benzo[a]pyrene	0-0.5	11	3.3	JD	0.66
400	B15	4048914	6/22/2004	6/30/2004	METHOD 8270	Benzo[a]pyrene	0-0.5	1.2	1.6		0.66
400	B6	4048409	6/22/2004	6/24/2004	Method 8082	PCB (Total)	0-0.5		2.0272		2
400	B7	4048412	6/22/2004	6/25/2004	Method 8082	PCB (Total)	0-0.5		12.2563		2

Note: PCB concentrations that are shown are total concentrations and are calculated for each sample as follows: the sum equals the concentration of the detected Aroclor(s) plus one-half the detection limit of the non-detected Aroclors.

Table 19 400 Area Remedial Investigation Exceedances - Round 1

AOC	Sample ID	Lab ID	Date Sampled	Date Analyzed	Analysis Method	Analyte	Depth	Detection Limit (ppm)	Result (ppm)	Qual.	NRDCSCC (ppm)
400	B14A	4054708	7/22/2004	7/27/2004	METHOD 8270	Benzo[a]anthracene	0-0.5	11	27	D	4
400	B14A	4054708	7/22/2004	7/27/2004	METHOD 8270	Benzo[a]pyrene	0-0.5	11	31	D	0.66
400	B14A	4054708	7/22/2004	7/27/2004	METHOD 8270	Benzo[b]fluoranthene (3,4-Benz	0-0.5	11	37	D	4
400	B14A	4054708	7/22/2004	7/27/2004	METHOD 8270	Benzo[k]fluoranthene	0-0.5	11	13	D	4
400	B14A	4054708	7/22/2004	7/27/2004	METHOD 8270	Dibenz[a,h]anthracene	0-0.5	11	4.1	JD	0.66
400	B14A	4054708	7/22/2004	7/27/2004	METHOD 8270	Indeno[1,2,3-cd]pyrene	0-0.5	11	11	D	4
400	B14B	4054709	7/22/2004	7/27/2004	METHOD 8270	Benzo[a]anthracene	0-0.5	5.7	17	D	4
400	B14B	4054709	7/22/2004	7/27/2004	METHOD 8270	Benzo[a]pyrene	0-0.5	5.7	20	D	0.66
400	B14B	4054709	7/22/2004	7/27/2004	METHOD 8270	Benzo[b]fluoranthene (3,4-Benz	0-0.5	5.7	21	D	4
400	B14B	4054709	7/22/2004	7/27/2004	METHOD 8270	Benzo[k]fluoranthene	0-0.5	5.7	7.9	D	4
400	B14B	4054709	7/22/2004	7/27/2004	METHOD 8270	Dibenz[a,h]anthracene	0-0.5	5.7	2.7	JD	0.66
400	B14B	4054709	7/22/2004	7/27/2004	METHOD 8270	Indeno[1,2,3-cd]pyrene	0-0.5	5.7	8	D	4
400	B14D	4054711	7/22/2004	7/27/2004	METHOD 8270	Benzo[a]anthracene	0-0.5	5.5	6.6	D	4
400	B14D	4054711	7/22/2004	7/27/2004	METHOD 8270	Benzo[a]pyrene	0-0.5	5.5	8.9	D	0.66
400	B14D	4054711	7/22/2004	7/27/2004	METHOD 8270	Benzo[b]fluoranthene (3,4-Benz	0-0.5	5.5	11	D	4
400	B14D	4054711	7/22/2004	7/27/2004	METHOD 8270	Dibenz[a,h]anthracene	0-0.5	5.5	1.4	JD	0.66
400	B14D	4054711	7/22/2004	7/27/2004	METHOD 8270	Indeno[1,2,3-cd]pyrene	0-0.5	5.5	4.3	JD	4
400	B7	4054606	7/22/2004	7/7/2004	Method 8082	PCB (Total)	1-1.5		26.4026		2
400	B7A	4054608	7/22/2004	7/7/2004	Method 8082	PCB (Total)	0-0.5		12.4149		2
400	B7B	4054609	7/22/2004	7/7/2004	Method 8082	PCB (Total)	0-0.5		30.389		2
400	B7C	4054610	7/22/2004	7/28/2004	Method 8082	PCB (Total)	0-0.5		173.8372		2
400	B7D	4054611	7/22/2004	7/27/2004	Method 8082	PCB (Total)	0-0.5		11.4001		2

Table 19 400 Area Remedial Investigation Exceedances - Round 1

AOC	Sample ID	Lab ID	Date Sampled	Date Analyzed	Analysis Method	Analyte	Depth	Detection Limit (ppm)	Result (ppm)	Qual.	NRDCSCC (ppm)
400	B15A	4055502	7/26/2004	7/27/2004	METHOD 8270	Benzo[a]anthracene	0-0.5	1.2	4.5		4
400	B15A	4055502	7/26/2004	7/27/2004	METHOD 8270	Benzo[a]pyrene	0-0.5	1.2	5		0.66
400	B15A	4055502	7/26/2004	7/27/2004	METHOD 8270	Benzo[b]fluoranthene (3,4-Benz	0-0.5	1.2	6.7		4
400	B15A	4055502	7/26/2004	7/27/2004	METHOD 8270	Dibenz[a,h]anthracene	0-0.5	1.2	0.67	J	0.66
400	B15B	4055503	7/26/2004	7/27/2004	METHOD 8270	Benzo[a]pyrene	0-0.5	1.1	0.86	J	0.66
400	B15D	4055505	7/26/2004	7/28/2004	METHOD 8270	Benzo[a]anthracene	0-0.5	5.8	10		4
400	B15D	4055505	7/26/2004	7/28/2004	METHOD 8270	Benzo[a]pyrene	0-0.5	5.8	15	D	0.66
400	B15D	4055505	7/26/2004	7/28/2004	METHOD 8270	Benzo[b]fluoranthene (3,4-Benz	0-0.5	5.8	15	D	4
400	B15D	4055505	7/26/2004	7/28/2004	METHOD 8270	Benzo[k]fluoranthene	0-0.5	5.8	5.6	JD	4
400	B15D	4055505	7/26/2004	7/28/2004	METHOD 8270	Dibenz[a,h]anthracene	0-0.5	5.8	2	JD	0.66
400	B15D	4055505	7/26/2004	7/28/2004	METHOD 8270	Indeno[1,2,3-cd]pyrene	0-0.5	5.8	6	D	4

Table 20 400 Area Remedial Investigation Exceedances - Round 2

AOC	Sample ID	Lab ID	Date Sampled	Date Analyzed	Analysis Method	Analyte	Depth	Detection Limit (ppm)	Result (ppm)	Qual.	NRDCSCC (ppm)
400	B7A1	4057908	8/4/2004	8/6/2004	Method 8082	PCB (Total)	0-0.5		29.4026		2
400	B7B1	4057903	8/4/2004	8/6/2004	Method 8082	PCB (Total)	0-0.5		25.4415		2
400	B7C1D	4057906	8/4/2004	8/6/2004	Method 8082	PCB (Total)	0-0.5		2.0296		2

Note: PCB concentrations that are shown are total concentrations and are calculated for each sample as follows: the sum equals the concentration of the detected Aroclor(s) plus one-half the detection limit of the non-detected Aroclors.

Table 21 400 Area Remedial Investigation Exceedances - Round 3

AOC	Sample ID	Lab ID	Date Sampled	Date Analyzed	Analysis Method	Analyte	Depth	Detection Limit (ppm)	Result (ppm)	Qual.	NRDCSCC (ppm)
400	B7A2	4059501	8/12/2004	8/16/2004	Method 8082	PCB (Total)	0-0.5		4.5071		2
400	B7A2B	4059503	8/12/2004	8/16/2004	Method 8082	PCB (Total)	0-0.5		19.3945		2
400	B7A2D	4059502	8/12/2004	8/16/2004	Method 8082	PCB (Total)	0-0.5		15.3989		2
400	B7B1A	4059504	8/12/2004	8/16/2004	Method 8082	PCB (Total)	0-0.5		13.4059		2

Note: PCB concentrations that are shown are total concentrations and are calculated for each sample as follows: the sum equals the concentration of the detected Aroclor(s) plus one-half the detection limit of the non-detected Aroclors.

Table 22 400 Area Remedial Investigation Exceedances - Round 4

AOC	Sample ID	Lab ID	Date Sampled	Date Analyzed	Analysis Method	Analyte	Depth	Detection Limit (ppm)	Result (ppm)	Qual.	NRDCSCC (ppm)
400	B72D1	4060902	8/19/2004	8/23/2004	Method 8082	PCB (Total)	0-0.5		15.4296		2
400	B7A3	4060901	8/19/2004	8/23/2004	Method 8082	PCB (Total)	0-0.5		4.7902		2
400	B7A3A	4060903	8/19/2004	8/23/2004	Method 8082	PCB (Total)	0-0.5		5.4059		2
400	B7A3B	4060904	8/19/2004	8/23/2004	Method 8082	PCB (Total)	0-0.5		16.4216		2
400	B7A3C	4060905	8/19/2004	8/23/2004	Method 8082	PCB (Total)	0-0.5		15.427		2
400	B7A3D	4060906	8/19/2004	8/23/2004	Method 8082	PCB (Total)	0-0.5		4.4244		2
400	B7F1	4060907	8/19/2004	8/23/2004	Method 8082	PCB (Total)	0-0.5		16.3953		2

Note: PCB concentrations that are shown are total concentrations and are calculated for each sample as follows: the sum equals the concentration of the detected Aroclor(s) plus one-half the detection limit of the non-detected Aroclors.

Table 23 400 Area Remedial Investigation Exceedances - Round 5

AOC	Sample ID	Lab ID	Date Sampled	Date Analyzed	Analysis Method	Analyte	Depth	Detection Limit (ppm)	Result (ppm)	Qual.	NRDCSCC (ppm)
400	B4B	4063101	8/26/2004	8/27/2004	Method 8082	PCB (Total)	0-0.5		7.8034		2
400	B4D	4063102	8/26/2004	8/27/2004	Method 8082	PCB (Total)	0-0.5		2.815		2
400	B4D2	4063104	8/26/2004	8/27/2004	Method 8082	PCB (Total)	0-0.5		2.1945		2
400	B4D3	4063105	8/26/2004	8/27/2004	Method 8082	PCB (Total)	0-0.5		10.2022		2
400	B4D4	4063106	8/26/2004	8/27/2004	Method 8082	PCB (Total)	0-0.5		5.8941		2
400	B4D5	4063107	8/26/2004	8/27/2004	Method 8082	PCB (Total)	0-0.5		10.4011		2

Note: PCB concentrations that are shown are total concentrations and are calculated for each sample as follows: the sum equals the concentration of the detected Aroclor(s) plus one-half the detection limit of the non-detected Aroclors.

Table 24 400 Area Remedial Investigation Exceedances - Round 6

AOC	Sample ID	Lab ID	Date Sampled	Date Analyzed	Analysis Method	Analyte	Depth	Detection Limit (ppm)	Result (ppm)	Qual.	NRDCSCC (ppm)
400	B8B	4064906	9/8/2004	9/9/2004	Method 8082	PCB (Total)	0-0.5		4.2167		2

Note: PCB concentrations that are shown are total concentrations and are calculated for each sample as follows: the sum equals the concentration of the detected Aroclor(s) plus one-half the detection limit of the non-detected Aroclors.

Table 25 400 Area Remedial Action Post Excavation Detect and Exceedances

AOC	Sample ID	Lab ID	Date Sampled	Date Analyzed	Analysis Method	Analyte	Detection Limit (ppm)	Result (ppm)	Qual.	NRDCSCC (ppm)	Result >= Cleanup Criteria
400	400B15-PX1	4072902	10/20/2004	10/22/2004	METHOD 8270	Anthracene	1.2	0.23	J	10000	No
400	400B15-PX1	4072902	10/20/2004	10/22/2004	METHOD 8270	Benzo[a]anthracene	1.2	0.92	J	4	No
400	400B15-PX1	4072902	10/20/2004	10/22/2004	METHOD 8270	Benzo[a]pyrene	1.2	0.97	J	0.66	Yes
400	400B15-PX1	4072902	10/20/2004	10/22/2004	METHOD 8270	Benzo[b]fluoranthene (3,4-Benz	1.2	1.2		4	No
400	400B15-PX1	4072902	10/20/2004	10/22/2004	METHOD 8270	Benzo[g,h,i]perylene	1.2	0.62	J		No
400	400B15-PX1	4072902	10/20/2004	10/22/2004	METHOD 8270	Benzo[k]fluoranthene	1.2	0.43	J	4	No
400	400B15-PX1	4072902	10/20/2004	10/22/2004	METHOD 8270	bis(2-Ethylhexyl)phthalate	1.2	0.15	JB	210	No
400	400B15-PX1	4072902	10/20/2004	10/22/2004	METHOD 8270	Chrysene	1.2	1.2		40	No
400	400B15-PX1	4072902	10/20/2004	10/22/2004	METHOD 8270	Dibenz[a,h]anthracene	1.2	0.13	J	0.66	No
400	400B15-PX1	4072902	10/20/2004	10/22/2004	METHOD 8270	Fluoranthene	1.2	3		10000	No
400	400B15-PX1	4072902	10/20/2004	10/22/2004	METHOD 8270	Indeno[1,2,3-cd]pyrene	1.2	0.54	J	4	No
400	400B15-PX1	4072902	10/20/2004	10/22/2004	METHOD 8270	Phenanthrene	1.2	1.4			No
400	400B15-PX1	4072902	10/20/2004	10/22/2004	METHOD 8270	Pyrene	1.2	2.7		10000	No
400	400B15-PX2	4072903	10/20/2004	10/22/2004	METHOD 8270	bis(2-Ethylhexyl)phthalate	1.2	0.16	JB	210	No
400	400B15-PX2	4072903	10/20/2004	10/22/2004	METHOD 8270	Di-n-butyl phthalate	1.2	0.2	JB	10000	No
400	400B6-PX1	4072901	10/20/2004	10/22/2004	METHOD 8270	bis(2-Ethylhexyl)phthalate	1.2	0.13	JB	210	No
400	400B6-PX1	4072901	10/20/2004	10/22/2004	METHOD 8270	Di-n-butyl phthalate	1.2	3.1	B	10000	No
400	400B10-PX1	4073003	10/21/2004	10/22/2004	METHOD 8270	bis(2-Ethylhexyl)phthalate	1.2	0.16	JB	210	No
400	400B10-PX1	4073003	10/21/2004	10/22/2004	METHOD 8270	Di-n-butyl phthalate	1.2	0.54	JB	10000	No
400	400B14-PX1	4073001	10/21/2004	10/22/2004	METHOD 8270	bis(2-Ethylhexyl)phthalate	1.2	0.18	JB	210	No
400	400B14-PX1	4073001	10/21/2004	10/22/2004	METHOD 8270	Di-n-butyl phthalate	1.2	5	B	10000	No
400	400B14-PX2	4073002	10/21/2004	10/22/2004	METHOD 8270	bis(2-Ethylhexyl)phthalate	1.2	0.16	JB	210	No

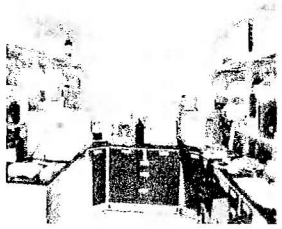
Table 25 400 Area Remedial Action Post Excavation Detect and Exceedances

AOC	Sample ID	Lab ID	Date Sampled	Date Analyzed	Analysis Method	Analyte	Detection Limit (ppm)	Result (ppm)	Qual.	NRDCSCC (ppm)	Result >= Cleanup Criteria
400	400B14-PX2	4073002	10/21/2004	10/22/2004	METHOD 8270	Di-n-butyl phthalate	1.2	0.55	JB	10000	No
400	400B7-PX1	4074001	10/25/2004	10/26/2004	Method 8082	Aroclor 1254	0.0048	0.47			No
400	400B7-PX1	4074001	10/25/2004	10/26/2004	Method 8082	PCB (Total)		0.5127		2	No
400	400B7-PX2	4074002	10/25/2004	10/26/2004	Method 8082	Aroclor 1254	0.0048	0.35			No
400	400B7-PX2	4074002	10/25/2004	10/26/2004	Method 8082	PCB (Total)		0.393		2	No
400	400B7-PX3	4074003	10/25/2004	10/26/2004	Method 8082	Aroclor 1254	0.0048	0.07			No
400	400B7-PX3	4074003	10/25/2004	10/26/2004	Method 8082	PCB (Total)		0.1131		2	No
400	400B7-PX4	4074004	10/25/2004	10/26/2004	Method 8082	Aroclor 1254	0.0047	0.06			No
400	400B7-PX4	4074004	10/25/2004	10/26/2004	Method 8082	PCB (Total)		0.1021		2	No
400	400B7-PX5	4074005	10/25/2004	10/26/2004	Method 8082	Aroclor 1254	0.0048	0.36			No
400	400B7-PX5	4074005	10/25/2004	10/26/2004	Method 8082	PCB (Total)		0.4027		2	No
400	400B7-PX6	4074006	10/25/2004	10/26/2004	Method 8082	Aroclor 1254	0.0047	1			No
400	400B7-PX6	4074006	10/25/2004	10/26/2004	Method 8082	PCB (Total)		1.0419		2	No
400	400B7-PX7	4074007	10/25/2004	10/26/2004	Method 8082	Aroclor 1254	0.0046	1.7			No
400	400B7-PX7	4074007	10/25/2004	10/26/2004	Method 8082	PCB (Total)		1.741		2	No
400	400B7-PX8	4074008	10/25/2004	10/26/2004	Method 8082	Aroclor 1254	0.0046	0.07			No
400	400B7-PX8	4074008	10/25/2004	10/26/2004	Method 8082	PCB (Total)		0.1116		2	No
400	400B15-PX3	4076601	11/4/2004	11/8/2004	METHOD 8270	Diethyl phthalate	1.2	0.17	JB	10000	No
400	400B15-PX3	4076601	11/4/2004	11/8/2004	METHOD 8270	Di-n-butyl phthalate	1.2	0.49	JB	10000	No

APPENDIX G
Laboratory Analytical Results for the 400 Area

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-4359 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699



ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 400 Area

400 Area

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Trip Blank	4047801	Methanol	21-June-04	06/21/04
B1 0-6"	4047802	Soil	21-June-04 11:35	06/21/04
B1 18-24"	4047803	Soil	21-June-04 11:35	06/21/04
B2 0-6"	4047804	Soil	21-June-04 12:30	06/21/04
B2 18-24"	4047805	Soil	21-June-04 12:30	06/21/04
B3 0-6"	4047806	Soil	21-June-04 13:15	06/21/04
B3 18-24"	4047807	Soil	21-June-04 13:15	06/21/04
B4 0-6"	4047808	Soil	21-June-04 14:45	06/21/04
B4 18-24"	4047809	Soil	21-June-04 14:45	06/21/04
Trip Blank	4048401	Methanol	22-June-04	06/22/04
B1 5-5.5'	4048402	Soil	22-June-04 09:35	06/22/04
B2 5-5.5'	4048403	Soil	22-June-04 09:05	06/22/04
B3 5-5.5'	4048404	Soil	22-June-04 08:45	06/22/04
B4 4-4.5'	4048405	Soil	22-June-04 10:00	06/22/04
B5 0-6"	4048406	Soil	22-June-04 10:30	06/22/04
B5 18-24"	4048407	Soil	22-June-04 10:30	06/22/04
B5 5-5.5'	4048408	Soil	22-June-04 10:30	06/22/04
B6 0-6"	4048409	Soil	22-June-04 11:15	06/22/04
B6 18-24"	4048410	Soil	22-June-04 11:15	06/22/04
B6 4.5-5'	4048411	Soil	22-June-04 11:15	06/22/04
B7 0-6"	4048412	Soil	22-June-04 12:00	06/22/04
B7 18-24"	4048413	Soil	22-June-04 12:00	06/22/04
B7 4.5-5'	4048414	Soil	22-June-04 12:00	06/22/04
B8 0-6"	4048415	Soil	22-June-04 12:50	06/22/04
B8 18-24"	4048416	Soil	22-June-04 12:50	06/22/04
B8 4.5-5'	4048417	Soil	22-June-04 12:50	06/22/04
B9 0-6"	4048418	Soil	22-June-04 13:45	06/22/04
B9 18-24"	4048419	Soil	22-June-04 13:45	06/22/04
B9 4.5-5'	4048420	Soil	22-June-04 13:45	06/22/04

SAMPLE LOCATION AND IDENTIFICATION

Dupe 0-6"	4048421	Soil	22-June-04 15:00	06/22/04
Dupe 18-24"	4048422	Soil	22-June-04 15:00	06/22/04
Dupe 4.5-5'	4048423	Soil	22-June-04 15:00	06/22/04
B10 0-6"	4048424	Soil	22-June-04 15:00	06/22/04
B10 18-24"	4048425	Soil	22-June-04 15:00	06/22/04
B10 4.5-5'	4048426	Soil	22-June-04 15:00	06/22/04
Trip Blank	4048901	Methanol	24-June-04	06/24/04
B11 0-6"	4048902	Soil	22-June-04 08:30	06/24/04
B11 18-24"	4048903	Soil	22-June-04 08:30	06/24/04
B11 4.5-5'	4048904	Soil	22-June-04 08:30	06/24/04
B12 0-6"	4048905	Soil	22-June-04 09:25	06/24/04
B12 18-24"	4048906	Soil	22-June-04 09:25	06/24/04
B12 3.5-4'	4048907	Soil	22-June-04 09:25	06/24/04
B13 0-6"	4048908	Soil	22-June-04 10:15	06/24/04
B13 18-24"	4048909	Soil	22-June-04 10:15	06/24/04
B13 3.5-4'	4048910	Soil	22-June-04 10:15	06/24/04
B14 0-6"	4048911	Soil	22-June-04 10:50	06/24/04
B14 18-24"	4048912	Soil	22-June-04 10:50	06/24/04
B14 3.5-4'	4048913	Soil	22-June-04 10:50	06/24/04
B15 0-6"	4048914	Soil	22-June-04 11:30	06/24/04
B15 18-24"	4048915	Soil	22-June-04 11:30	06/24/04
B15 3.5-4'	4048916	Soil	22-June-04 11:30	06/24/04

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, ABN+25, P/PCB, TPHC, TAL METALS, % SOLIDS

7-19-04

Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

SEMI-VOLATILE ORGANICS

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MB-062504-01

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40478 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: MB-062504-01

Sample wt/vol: 10 (g/ml) G Lab File ID: BN07639.D

Level: (low/med) LOW Date Received: 6/21/2004

% Moisture: 0 decanted:(Y/N) N Date Extracted: 6/25/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
95-48-7	2-Methylphenol	1000	U
39638-32-9	bis(2-chloroisopropyl)ether	1000	U
106-44-5	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MB-062504-01

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40478 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: MB-062504-01

Sample wt/vol: 10 (g/ml) G Lab File ID: BN07639.D

Level: (low/med) LOW Date Received: 6/21/2004

% Moisture: 0 decanted:(Y/N) N Date Extracted: 6/25/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	4600	
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	97	J
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MB-062804-01

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40484 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: MB-062804-01

Sample wt/vol: 10 (g/ml) G Lab File ID: BN07658.D

Level: (low/med) LOW Date Received: 6/22/2004

% Moisture: 0 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
95-48-7	2-Methylphenol	1000	U
39638-32-9	bis(2-chloroisopropyl)ether	1000	U
106-44-5	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MB-062804-01

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40484 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: MB-062804-01

Sample wt/vol: 10 (g/ml) G Lab File ID: BN07658.D

Level: (low/med) LOW Date Received: 6/22/2004

% Moisture: 0 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	320	J
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	64	J
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B1 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40478 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4047802

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN07641.D

Level: (low/med) LOW Date Received: 6/21/2004

% Moisture: 10.37 decanted:(Y/N) N Date Extracted: 6/25/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
95-48-7	2-Methylphenol	1100	U
39638-32-9	bis(2-chloroisopropyl)ether	1100	U
106-44-5	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	140	J
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B1 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40478 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4047802

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN07641.D

Level: (low/med) LOW Date Received: 6/21/2004

% Moisture: 10.37 decanted:(Y/N) N Date Extracted: 6/25/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	110	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	150	JB
206-44-0	Fluoranthene	200	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	190	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	100	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	130	J
117-81-7	bis(2-Ethylhexyl)phthalate	160	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	130	J
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	110	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	72	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B2 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40478 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4047804

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN07644.D

Level: (low/med) LOW Date Received: 6/21/2004

% Moisture: 9.25 decanted:(Y/N) N Date Extracted: 6/25/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
95-48-7	2-Methylphenol	1100	U
39638-32-9	bis(2-chloroisopropyl)ether	1100	U
106-44-5	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	210	J
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B2 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40478 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4047804

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN07644.D

Level: (low/med) LOW Date Received: 6/21/2004

% Moisture: 9.25 decanted:(Y/N) N Date Extracted: 6/25/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	140	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1100	U
206-44-0	Fluoranthene	280	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	260	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	150	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	200	J
117-81-7	bis(2-Ethylhexyl)phthalate	170	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	220	J
207-08-9	Benzo[k]fluoranthene	90	J
50-32-8	Benzo[a]pyrene	170	J
193-39-5	Indeno[1,2,3-cd]pyrene	88	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	93	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B3 0-6**

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40478 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4047806

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN07645.D

Level: (low/med) LOW Date Received: 6/21/2004

% Moisture: 10.18 decanted:(Y/N) N Date Extracted: 6/25/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
95-48-7	2-Methylphenol	1100	U
39638-32-9	bis(2-chloroisopropyl)ether	1100	U
106-44-5	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B3 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40478 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4047806

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN07645.D

Level: (low/med) LOW Date Received: 6/21/2004

% Moisture: 10.18 decanted:(Y/N) N Date Extracted: 6/25/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	140	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	26000	EB
206-44-0	Fluoranthene	230	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	230	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	110	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	150	J
117-81-7	bis(2-Ethylhexyl)phthalate	160	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	150	J
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	120	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	76	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B3 0-6 DL

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40478 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4047806 (1:5)

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN07653.D

Level: (low/med) LOW Date Received: 6/21/2004

% Moisture: 10.18 decanted:(Y/N) N Date Extracted: 6/25/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	5400	U
62-75-9	N-nitroso-dimethylamine	5400	U
62-53-3	Aniline	5400	U
108-95-2	Phenol	5400	U
111-44-4	bis(2-Chloroethyl)ether	5400	U
95-57-8	2-Chlorophenol	5400	U
541-73-1	1,3-Dichlorobenzene	5400	U
106-46-7	1,4-Dichlorobenzene	5400	U
100-51-6	Benzyl alcohol	5400	U
95-50-1	1,2-Dichlorobenzene	5400	U
95-48-7	2-Methylphenol	5400	U
39638-32-9	bis(2-chloroisopropyl)ether	5400	U
106-44-5	4-Methylphenol	5400	U
621-64-7	n-Nitroso-di-n-propylamine	5400	U
67-72-1	Hexachloroethane	5400	U
98-95-3	Nitrobenzene	5400	U
78-59-1	Isophorone	5400	U
88-75-5	2-Nitrophenol	5400	U
105-67-9	2,4-Dimethylphenol	5400	U
111-91-1	bis(2-Chloroethoxy)methane	5400	U
120-83-2	2,4-Dichlorophenol	5400	U
65-85-0	Benzoic Acid	5400	U
120-82-1	1,2,4-Trichlorobenzene	5400	U
91-20-3	Naphthalene	5400	U
106-47-8	4-Chloroaniline	5400	U
87-68-3	Hexachlorobutadiene	5400	U
59-50-7	4-Chloro-3-methylphenol	5400	U
91-57-6	2-Methylnaphthalene	5400	U
77-47-4	Hexachlorocyclopentadiene	5400	U
88-06-2	2,4,6-Trichlorophenol	5400	U
95-95-4	2,4,5-Trichlorophenol	5400	U
91-58-7	2-Chloronaphthalene	5400	U
88-74-4	2-Nitroaniline	5400	U
131-11-3	Dimethylphthalate	5400	U
208-96-8	Acenaphthylene	5400	U
606-20-2	2,6-Dinitrotoluene	5400	U
99-09-2	3-Nitroaniline	5400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B3 0-6 DL**

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40478 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4047806 (1:5)

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN07653.D

Level: (low/med) LOW Date Received: 6/21/2004

% Moisture: 10.18 decanted:(Y/N) N Date Extracted: 6/25/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	5400	U
51-28-5	2,4-Dinitrophenol	5400	U
132-64-9	Dibenzofuran	5400	U
100-02-7	4-Nitrophenol	5400	U
121-14-2	2,4-Dinitrotoluene	5400	U
84-66-2	Diethylphthalate	5400	U
86-73-7	Fluorene	5400	U
7005-72-3	4-Chlorophenyl-phenylether	5400	U
100-01-6	4-Nitroaniline	5400	U
534-52-1	4,6-Dinitro-2-methylphenol	5400	U
86-30-6	n-Nitrosodiphenylamine	5400	U
103-33-3	Azobenzene	5400	U
101-55-3	4-Bromophenyl-phenylether	5400	U
118-74-1	Hexachlorobenzene	5400	U
87-86-5	Pentachlorophenol	5400	U
85-01-8	Phenanthrene	5400	U
120-12-7	Anthracene	5400	U
84-74-2	Di-n-butylphthalate	33000	BD
206-44-0	Fluoranthene	5400	U
92-87-5	Benzidine	5400	U
129-00-0	Pyrene	5400	U
85-68-7	Butylbenzylphthalate	5400	U
56-55-3	Benzo[a]anthracene	5400	U
91-94-1	3,3'-Dichlorobenzidine	5400	U
218-01-9	Chrysene	5400	U
117-81-7	bis(2-Ethylhexyl)phthalate	5400	U
117-84-0	Di-n-octylphthalate	5400	U
205-99-2	Benzo[b]fluoranthene	5400	U
207-08-9	Benzo[k]fluoranthene	5400	U
50-32-8	Benzo[a]pyrene	5400	U
193-39-5	Indeno[1,2,3-cd]pyrene	5400	U
53-70-3	Dibenz[a,h]anthracene	5400	U
191-24-2	Benzo[g,h,i]perylene	5400	U

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B4 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40478 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4047808

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN07646.D

Level: (low/med) LOW Date Received: 6/21/2004

% Moisture: 14.01 decanted:(Y/N) N Date Extracted: 6/25/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
95-48-7	2-Methylphenol	1200	U
39638-32-9	bis(2-chloroisopropyl)ether	1200	U
106-44-5	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	400	J
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
95-95-4	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B4 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40478 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4047808

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN07646.D

Level: (low/med) LOW Date Received: 6/21/2004

% Moisture: 14.01 decanted:(Y/N) N Date Extracted: 6/25/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	170	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	1300	B
206-44-0	Fluoranthene	260	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	270	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	130	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	170	J
117-81-7	bis(2-Ethylhexyl)phthalate	160	JB
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	130	J
207-08-9	Benzo[k]fluoranthene	110	J
50-32-8	Benzo[a]pyrene	140	J
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	82	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B5 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40484 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048406

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN07660.D

Level: (low/med) LOW Date Received: 6/22/2004

% Moisture: 12.52 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
95-48-7	2-Methylphenol	1100	U
39638-32-9	bis(2-chloroisopropyl)ether	1100	U
106-44-5	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	510	J
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B5 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40484 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048406

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN07660.D

Level: (low/med) LOW Date Received: 6/22/2004

% Moisture: 12.52 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	100	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1100	U
206-44-0	Fluoranthene	190	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	210	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	120	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	200	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	220	J
207-08-9	Benzo[k]fluoranthene	93	J
50-32-8	Benzo[a]pyrene	130	J
193-39-5	Indeno[1,2,3-cd]pyrene	77	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B6 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40484 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048409

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN07663.D

Level: (low/med) LOW Date Received: 6/22/2004

% Moisture: 13.81 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
95-48-7	2-Methylphenol	1200	U
39638-32-9	bis(2-chloroisopropyl)ether	1200	U
106-44-5	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	450	J
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
95-95-4	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B6 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40484 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048409

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN07663.D

Level: (low/med) LOW Date Received: 6/22/2004

% Moisture: 13.81 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	180	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	500	JB
206-44-0	Fluoranthene	250	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	290	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	120	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	180	J
117-81-7	bis(2-Ethylhexyl)phthalate	190	JB
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	160	J
207-08-9	Benzo[k]fluoranthene	80	J
50-32-8	Benzo[a]pyrene	150	J
193-39-5	Indeno[1,2,3-cd]pyrene	79	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B7 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40484 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048412

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN07664.D

Level: (low/med) LOW Date Received: 6/22/2004

% Moisture: 10.12 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
95-48-7	2-Methylphenol	1100	U
39638-32-9	bis(2-chloroisopropyl)ether	1100	U
106-44-5	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B7 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40484 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048412

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN07664.D

Level: (low/med) LOW Date Received: 6/22/2004

% Moisture: 10.12 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	220	J
120-12-7	Anthracene	110	J
84-74-2	Di-n-butylphthalate	1100	B
206-44-0	Fluoranthene	640	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	610	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	330	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	590	J
117-81-7	bis(2-Ethylhexyl)phthalate	8300	B
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1000	J
207-08-9	Benzo[k]fluoranthene	230	J
50-32-8	Benzo[a]pyrene	350	J
193-39-5	Indeno[1,2,3-cd]pyrene	370	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	370	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B8 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40484 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048415

Sample wt/vol: 10 (g/ml) G Lab File ID: BN07665.D

Level: (low/med) LOW Date Received: 6/22/2004

% Moisture: 9.5 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
95-48-7	2-Methylphenol	1100	U
39638-32-9	bis(2-chloroisopropyl)ether	1100	U
106-44-5	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B8 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40484 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048415

Sample wt/vol: 10 (g/ml) G Lab File ID: BN07665.D

Level: (low/med) LOW Date Received: 6/22/2004

% Moisture: 9.5 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	740	JB
206-44-0	Fluoranthene	120	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	120	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	72	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	90	J
117-81-7	bis(2-Ethylhexyl)phthalate	210	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	130	J
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B9 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40484 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048418

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN07666.D

Level: (low/med) LOW Date Received: 6/22/2004

% Moisture: 7.99 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
95-48-7	2-Methylphenol	1100	U
39638-32-9	bis(2-chloroisopropyl)ether	1100	U
106-44-5	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B9 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40484 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048418

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN07666.D

Level: (low/med) LOW Date Received: 6/22/2004

% Moisture: 7.99 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	180	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1100	U
206-44-0	Fluoranthene	300	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	280	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	140	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	170	J
117-81-7	bis(2-Ethylhexyl)phthalate	250	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	220	J
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	160	J
193-39-5	Indeno[1,2,3-cd]pyrene	98	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40484 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048421

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN07667.D

Level: (low/med) LOW Date Received: 6/22/2004

% Moisture: 11.23 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
95-48-7	2-Methylphenol	1100	U
39638-32-9	bis(2-chloroisopropyl)ether	1100	U
106-44-5	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40484 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048421

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN07667.D

Level: (low/med) LOW Date Received: 6/22/2004

% Moisture: 11.23 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	140	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	440	JB
206-44-0	Fluoranthene	330	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	350	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	200	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	290	J
117-81-7	bis(2-Ethylhexyl)phthalate	140	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	270	J
207-08-9	Benzo[k]fluoranthene	180	J
50-32-8	Benzo[a]pyrene	190	J
193-39-5	Indeno[1,2,3-cd]pyrene	140	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	160	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B10 0-6**

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40484 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048424

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN07668.D

Level: (low/med) LOW Date Received: 6/22/2004

% Moisture: 9.43 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
95-48-7	2-Methylphenol	1100	U
39638-32-9	bis(2-chloroisopropyl)ether	1100	U
106-44-5	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

Field ID: **B10 0-6**

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40484 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048424

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN07668.D

Level: (low/med) LOW Date Received: 6/22/2004

% Moisture: 9.43 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	610	J
120-12-7	Anthracene	140	J
84-74-2	Di-n-butylphthalate	160	JB
206-44-0	Fluoranthene	2100	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1900	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1200	
117-81-7	bis(2-Ethylhexyl)phthalate	170	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1400	
207-08-9	Benzo[k]fluoranthene	440	J
50-32-8	Benzo[a]pyrene	910	J
193-39-5	Indeno[1,2,3-cd]pyrene	460	J
53-70-3	Dibenz[a,h]anthracene	160	J
191-24-2	Benzo[g,h,i]perylene	460	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B11 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40489 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048902

Sample wt/vol: 10 (g/ml) G Lab File ID: BN07669.D

Level: (low/med) LOW Date Received: 6/24/2004

% Moisture: 6.89 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
95-48-7	2-Methylphenol	1100	U
39638-32-9	bis(2-chloroisopropyl)ether	1100	U
106-44-5	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B11 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40489 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048902

Sample wt/vol: 10 (g/ml) G Lab File ID: BN07669.D

Level: (low/med) LOW Date Received: 6/24/2004

% Moisture: 6.89 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	180	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1100	U
206-44-0	Fluoranthene	360	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	340	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	180	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	240	J
117-81-7	bis(2-Ethylhexyl)phthalate	170	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	290	J
207-08-9	Benzo[k]fluoranthene	140	J
50-32-8	Benzo[a]pyrene	210	J
193-39-5	Indeno[1,2,3-cd]pyrene	140	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	160	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B12 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40489 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048905

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN07670.D

Level: (low/med) LOW Date Received: 6/24/2004

% Moisture: 4.25 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
95-48-7	2-Methylphenol	1000	U
39638-32-9	bis(2-chloroisopropyl)ether	1000	U
106-44-5	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B12 0-6**

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40489 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048905

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN07670.D

Level: (low/med) LOW Date Received: 6/24/2004

% Moisture: 4.25 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/29/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	190	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	470	JB
206-44-0	Fluoranthene	280	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	320	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	150	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	220	J
117-81-7	bis(2-Ethylhexyl)phthalate	140	JB
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	240	J
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	180	J
193-39-5	Indeno[1,2,3-cd]pyrene	110	J
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	110	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B13 0-6**

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40489 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048908

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN07677.D

Level: (low/med) LOW Date Received: 6/24/2004

% Moisture: 16.22 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/30/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
95-48-7	2-Methylphenol	1200	U
39638-32-9	bis(2-chloroisopropyl)ether	1200	U
106-44-5	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
95-95-4	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	220	J
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

Field ID: **B13 0-6**

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40489 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048908

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN07677.D

Level: (low/med) LOW Date Received: 6/24/2004

% Moisture: 16.22 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/30/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	380	J
120-12-7	Anthracene	170	J
84-74-2	Di-n-butylphthalate	5400	B
206-44-0	Fluoranthene	790	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	830	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	390	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	540	J
117-81-7	bis(2-Ethylhexyl)phthalate	160	JB
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	680	J
207-08-9	Benzo[k]fluoranthene	190	J
50-32-8	Benzo[a]pyrene	500	J
193-39-5	Indeno[1,2,3-cd]pyrene	390	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	440	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B14 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40489 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048911 (1:10)

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN07678.D

Level: (low/med) LOW Date Received: 6/24/2004

% Moisture: 10.59 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/30/2004

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	11000	U
62-75-9	N-nitroso-dimethylamine	11000	U
62-53-3	Aniline	11000	U
108-95-2	Phenol	11000	U
111-44-4	bis(2-Chloroethyl)ether	11000	U
95-57-8	2-Chlorophenol	11000	U
541-73-1	1,3-Dichlorobenzene	11000	U
106-46-7	1,4-Dichlorobenzene	11000	U
100-51-6	Benzyl alcohol	11000	U
95-50-1	1,2-Dichlorobenzene	11000	U
95-48-7	2-Methylphenol	11000	U
39638-32-9	bis(2-chloroisopropyl)ether	11000	U
106-44-5	4-Methylphenol	11000	U
621-64-7	n-Nitroso-di-n-propylamine	11000	U
67-72-1	Hexachloroethane	11000	U
98-95-3	Nitrobenzene	11000	U
78-59-1	Isophorone	11000	U
88-75-5	2-Nitrophenol	11000	U
105-67-9	2,4-Dimethylphenol	11000	U
111-91-1	bis(2-Chloroethoxy)methane	11000	U
120-83-2	2,4-Dichlorophenol	11000	U
65-85-0	Benzoic Acid	11000	U
120-82-1	1,2,4-Trichlorobenzene	11000	U
91-20-3	Naphthalene	11000	U
106-47-8	4-Chloroaniline	11000	U
87-68-3	Hexachlorobutadiene	11000	U
59-50-7	4-Chloro-3-methylphenol	11000	U
91-57-6	2-Methylnaphthalene	11000	U
77-47-4	Hexachlorocyclopentadiene	11000	U
88-06-2	2,4,6-Trichlorophenol	11000	U
95-95-4	2,4,5-Trichlorophenol	11000	U
91-58-7	2-Chloronaphthalene	11000	U
88-74-4	2-Nitroaniline	11000	U
131-11-3	Dimethylphthalate	11000	U
208-96-8	Acenaphthylene	1500	JD
606-20-2	2,6-Dinitrotoluene	11000	U
99-09-2	3-Nitroaniline	11000	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B14 0-6

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40489 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048911 (1:10)

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN07678.D

Level: (low/med) LOW Date Received: 6/24/2004

% Moisture: 10.59 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/30/2004

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	11000	U
51-28-5	2,4-Dinitrophenol	11000	U
132-64-9	Dibenzofuran	11000	U
100-02-7	4-Nitrophenol	11000	U
121-14-2	2,4-Dinitrotoluene	11000	U
84-66-2	Diethylphthalate	11000	U
86-73-7	Fluorene	11000	U
7005-72-3	4-Chlorophenyl-phenylether	11000	U
100-01-6	4-Nitroaniline	11000	U
534-52-1	4,6-Dinitro-2-methylphenol	11000	U
86-30-6	n-Nitrosodiphenylamine	11000	U
103-33-3	Azobenzene	11000	U
101-55-3	4-Bromophenyl-phenylether	11000	U
118-74-1	Hexachlorobenzene	11000	U
87-86-5	Pentachlorophenol	11000	U
85-01-8	Phenanthrene	1300	JD
120-12-7	Anthracene	910	JD
84-74-2	Di-n-butylphthalate	11000	U
206-44-0	Fluoranthene	2900	JD
92-87-5	Benzidine	11000	U
129-00-0	Pyrene	4800	JD
85-68-7	Butylbenzylphthalate	11000	U
56-55-3	Benzo[a]anthracene	2600	JD
91-94-1	3,3'-Dichlorobenzidine	11000	U
218-01-9	Chrysene	3200	JD
117-81-7	bis(2-Ethylhexyl)phthalate	11000	U
117-84-0	Di-n-octylphthalate	11000	U
205-99-2	Benzo[b]fluoranthene	4000	JD
207-08-9	Benzo[k]fluoranthene	1100	JD
50-32-8	Benzo[a]pyrene	3300	JD
193-39-5	Indeno[1,2,3-cd]pyrene	2300	JD
53-70-3	Dibenz[a,h]anthracene	11000	U
191-24-2	Benzo[g,h,i]perylene	3200	JD

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B15 0-6**

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40489 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048914

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN07676.D

Level: (low/med) LOW Date Received: 6/24/2004

% Moisture: 14.57 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/30/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
95-48-7	2-Methylphenol	1200	U
39638-32-9	bis(2-chloroisopropyl)ether	1200	U
106-44-5	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
95-95-4	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	380	J
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B15 0-6**

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40489 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048914

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN07676.D

Level: (low/med) LOW Date Received: 6/24/2004

% Moisture: 14.57 decanted:(Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/30/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	73	J
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	880	J
120-12-7	Anthracene	310	J
84-74-2	Di-n-butylphthalate	1200	U
206-44-0	Fluoranthene	2000	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	2800	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1400	
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1900	
117-81-7	bis(2-Ethylhexyl)phthalate	110	JB
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1600	
207-08-9	Benzo[k]fluoranthene	610	J
50-32-8	Benzo[a]pyrene	1600	
193-39-5	Indeno[1,2,3-cd]pyrene	810	J
53-70-3	Dibenz[a,h]anthracene	280	J
191-24-2	Benzo[g,h,i]perylene	1100	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B15 0-6**

Lab Name: FMETL Lab Code 13461

Project: UST Case No.: 40489 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4048914

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN07676.D

Level: (low/med) LOW Date Received: 6/24/2004

% Moisture: 14.57 decanted: (Y/N) N Date Extracted: 6/28/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/30/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 21 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.87	9700	J
2.	unknown	10.03	490	J
3. 000613-12-7	Anthracene, 2-methyl-	23.35	600	JN
4. 000613-12-7	Anthracene, 2-methyl-	23.42	670	JN
5.	unknown	23.62	1300	J
6. 000610-48-0	Anthracene, 1-methyl-	23.68	490	JN
7. 001576-67-6	Phenanthrene, 3,6-dimethyl-	24.53	590	JN
8. 003674-66-6	Phenanthrene, 2,5-dimethyl-	24.71	1300	JN
9. 001576-67-6	Phenanthrene, 3,6-dimethyl-	24.79	830	JN
10. 003674-73-5	Phenanthrene, 2,3,5-trimethyl-	25.72	670	JN
11. 003674-73-5	Phenanthrene, 2,3,5-trimethyl-	25.81	840	JN
12. 000243-17-4	11H-Benzo[b]fluorene	26.18	710	JN
13. 003442-78-2	Pyrene, 2-methyl-	26.70	920	JN
14. 002381-21-7	Pyrene, 1-methyl-	26.93	1000	JN
15. 002381-21-7	Pyrene, 1-methyl-	26.99	760	JN
16.	unknown	27.69	600	J
17.	unknown	28.21	620	J
18. 000791-28-6	Phosphine oxide, triphenyl-	28.89	620	JN
19. 001705-84-6	Triphenylene, 2-methyl-	29.52	1000	JN
20. 054986-63-9	Benzo[c]phenanthrene, 5,8-dimet	30.53	590	JN
21. 000198-55-0	Perylene	31.67	1700	JN

PCBs

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 062404-01

MATRIX: Soil
Date Extracted: 6/24/2004
Ext. Batch: 062404
Filename: PCB02487.D
Date Analyzed: 6/24/2004
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	MDL (mg/Kg)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Wt.(gms) 10
Final Vol.(ml) 10

COMMENTS:

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 062904-01

MATRIX: Soil
Date Extracted: 6/29/2004
Ext. Batch: 6/29/04
Filename: PCB02517.D
Date Analyzed: 6/29/2004
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	MDL (mg/Kg)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Wt.(gms) 10
Final Vol.(ml) 10

COMMENTS:

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**6/24/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**062404**
Client ID:	**B1 0-6**	**Date Analyzed:**	**6/24/2004**
Lab ID:	**4047802**	**DILUTION:**	**1**
Filename:	**PCB02488.D**		
Lab Project No:	**40478**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	0.49		0.0123
11104-28-2	**AROCLOR 1221**	**ND**	0.05	0.49		0.0226
11141-16-5	**AROCLOR 1232**	**ND**	0.05	0.49		0.0154
53469-21-9	**AROCLOR 1242**	**ND**	0.05	0.49		0.0176
12672-29-6	**AROCLOR 1248**	**ND**	0.05	0.49		0.0070
11097-69-1	**AROCLOR 1254**	**ND**	0.05	0.49		0.0044
11096-82-5	**AROCLOR 1260**	**0.052**	0.05	0.49		0.0040

%SOLIDS **90%**
Initial Wt.(gms) **10.12**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**6/24/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**062404**
Client ID:	**B2 0-6**	**Date Analyzed:**	**6/24/2004**
Lab ID:	**4047804**	**DILUTION:**	**1**
Filename:	**PCB02492.D**		
Lab Project No:	**40478**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	0.49		0.0123
11104-28-2	**AROCLOR 1221**	**ND**	0.05	0.49		0.0226
11141-16-5	**AROCLOR 1232**	**ND**	0.05	0.49		0.0154
53469-21-9	**AROCLOR 1242**	**ND**	0.05	0.49		0.0175
12672-29-6	**AROCLOR 1248**	**ND**	0.05	0.49		0.0070
11097-69-1	**AROCLOR 1254**	**ND**	0.05	0.49		0.0044
11096-82-5	**AROCLOR 1260**	**0.078**	0.05	0.49		0.0039

%SOLIDS **91%**
Initial Wt.(gms) **10.02**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**6/24/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**062404**
Client ID:	**B3 0-6**	**Date Analyzed:**	**6/24/2004**
Lab ID:	**4047806**	**DILUTION:**	**1**
Filename:	**PCB02493.D**		
Lab Project No:	**40478**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0124
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0228
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0155
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0177
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0071
11097-69-1	**AROCLOR 1254**	**ND**	0.06	0.49		0.0044
11096-82-5	**AROCLOR 1260**	**0.072**	0.06	0.49		0.0040

%SOLIDS 90%
Initial Wt.(gms) 10.04
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**6/24/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**062404**
Client ID:	**B4 0-6**	**Date Analyzed:**	**6/24/2004**
Lab ID:	**4047808**	**DILUTION:**	**1**
Filename:	**PCB02494.D**		
Lab Project No:	**40478**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0130
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0239
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0162
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0186
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0074
11097-69-1	**AROCLOR 1254**	**ND**	0.06	0.49		0.0046
11096-82-5	**AROCLOR 1260**	**0.160**	0.06	0.49		0.0042

%SOLIDS 86%
Initial Wt.(gms) 10.02
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**6/24/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**062404**
Client ID:	**B5 0-6**	**Date Analyzed:**	**6/24/2004**
Lab ID:	**4048406**	**DILUTION:**	**1**
Filename:	**PCB02500.D**		
Lab Project No:	**40484**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0126
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0232
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0157
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0180
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0072
11097-69-1	**AROCLOR 1254**	**ND**	0.06	0.49		0.0045
11096-82-5	**AROCLOR 1260**	**0.033**	0.06	0.49		0.0040

%SOLIDS 87%
Initial Wt.(gms) 10.22
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**6/24/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**062404**
Client ID:	**B6 0-6**	**Date Analyzed:**	**6/24/2004**
Lab ID:	**4048409**	**DILUTION:**	**1**
Filename:	**PCB02501.D**		
Lab Project No:	**40484**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0129
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0238
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0162
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0185
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0074
11097-69-1	**AROCLOR 1254**	**ND**	0.06	0.49		0.0046
11096-82-5	**AROCLOR 1260**	**2.000**	0.06	0.49		0.0042

%SOLIDS **86%**
Initial Wt.(gms) **10.07**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**6/24/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**062404**
Client ID:	**B7 0-6**	**Date Analyzed:**	**6/25/2004**
Lab ID:	**4048412 10X**	**DILUTION:**	**10**
Filename:	**PCB02511.D**		
Lab Project No:	**40484**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.55	0.49		0.1221
11104-28-2	**AROCLOR 1221**	**ND**	0.55	0.49		0.2246
11141-16-5	**AROCLOR 1232**	**ND**	0.55	0.49		0.1527
53469-21-9	**AROCLOR 1242**	**ND**	0.55	0.49		0.1745
12672-29-6	**AROCLOR 1248**	**ND**	0.55	0.49		0.0698
11097-69-1	**AROCLOR 1254**	**ND**	0.55	0.49		0.0436
11096-82-5	**AROCLOR 1260**	**12.000**	0.55	0.49		0.0393

%SOLIDS **90%**
Initial Wt.(gms) **10.19**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**6/24/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**062404**
Client ID:	**B8 0-6**	**Date Analyzed:**	**6/24/2004**
Lab ID:	**4048415**	**DILUTION:**	**1**
Filename:	**PCB02503.D**		
Lab Project No:	**40484**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	0.49		0.0121
11104-28-2	**AROCLOR 1221**	**ND**	0.05	0.49		0.0223
11141-16-5	**AROCLOR 1232**	**ND**	0.05	0.49		0.0151
53469-21-9	**AROCLOR 1242**	**ND**	0.05	0.49		0.0173
12672-29-6	**AROCLOR 1248**	**ND**	0.05	0.49		0.0069
11097-69-1	**AROCLOR 1254**	**ND**	0.05	0.49		0.0043
11096-82-5	**AROCLOR 1260**	**0.180**	0.05	0.49		0.0039

%SOLIDS **91%**
Initial Wt.(gms) **10.17**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**6/24/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**062404**
Client ID:	**B9 0-6**	**Date Analyzed:**	**6/24/2004**
Lab ID:	**4048418**	**DILUTION:**	**1**
Filename:	**PCB02504.D**		
Lab Project No:	**40484**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	0.49		0.0120
11104-28-2	**AROCLOR 1221**	**ND**	0.05	0.49		0.0221
11141-16-5	**AROCLOR 1232**	**ND**	0.05	0.49		0.0150
53469-21-9	**AROCLOR 1242**	**ND**	0.05	0.49		0.0171
12672-29-6	**AROCLOR 1248**	**ND**	0.05	0.49		0.0069
11097-69-1	**AROCLOR 1254**	**ND**	0.05	0.49		0.0043
11096-82-5	**AROCLOR 1260**	**0.056**	0.05	0.49		0.0039

%SOLIDS **92%**
Initial Wt.(gms) **10.15**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**6/24/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**062404**
Client ID:	**Dupe 0-6**	**Date Analyzed:**	**6/24/2004**
Lab ID:	**4048421**	**DILUTION:**	**1**
Filename:	**PCB02505.D**		
Lab Project No:	**40484**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0124
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0229
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0155
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0178
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0071
11097-69-1	**AROCLOR 1254**	**ND**	0.06	0.49		0.0044
11096-82-5	**AROCLOR 1260**	**0.310**	0.06	0.49		0.0040

%SOLIDS 89%
Initial Wt.(gms) 10.12
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**6/24/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**062404**
Client ID:	**B10 0-6**	**Date Analyzed:**	**6/24/2004**
Lab ID:	**4048424**	**DILUTION:**	**1**
Filename:	**PCB02506.D**		
Lab Project No:	**40484**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	0.49		0.0123
11104-28-2	**AROCLOR 1221**	**ND**	0.05	0.49		0.0226
11141-16-5	**AROCLOR 1232**	**ND**	0.05	0.49		0.0154
53469-21-9	**AROCLOR 1242**	**ND**	0.05	0.49		0.0176
12672-29-6	**AROCLOR 1248**	**ND**	0.05	0.49		0.0070
11097-69-1	**AROCLOR 1254**	**ND**	0.05	0.49		0.0044
11096-82-5	**AROCLOR 1260**	**0.290**	0.05	0.49		0.0040

%SOLIDS 91%
Initial Wt.(gms) 10.01
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**6/29/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**6/29/04**
Client ID:	**B11 0-6**	**Date Analyzed:**	**6/29/2004**
Lab ID:	**4048902**	**DILUTION:**	**1**
Filename:	**PCB02525.D**		
Lab Project No:	**40489**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	0.49		0.0120
11104-28-2	**AROCLOR 1221**	**ND**	0.05	0.49		0.0220
11141-16-5	**AROCLOR 1232**	**ND**	0.05	0.49		0.0149
53469-21-9	**AROCLOR 1242**	**ND**	0.05	0.49		0.0171
12672-29-6	**AROCLOR 1248**	**ND**	0.05	0.49		0.0068
11097-69-1	**AROCLOR 1254**	**ND**	0.05	0.49		0.0043
11096-82-5	**AROCLOR 1260**	**ND**	0.05	0.49		0.0038

%SOLIDS **93%**
Initial Wt.(gms) **10.07**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**6/29/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**6/29/04**
Client ID:	**B12 0-6**	**Date Analyzed:**	**6/29/2004**
Lab ID:	**4048905**	**DILUTION:**	**1**
Filename:	**PCB02524.D**		
Lab Project No:	**40489**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	0.49		0.0116
11104-28-2	**AROCLOR 1221**	**ND**	0.05	0.49		0.0213
11141-16-5	**AROCLOR 1232**	**ND**	0.05	0.49		0.0145
53469-21-9	**AROCLOR 1242**	**ND**	0.05	0.49		0.0166
12672-29-6	**AROCLOR 1248**	**ND**	0.05	0.49		0.0066
11097-69-1	**AROCLOR 1254**	**ND**	0.05	0.49		0.0041
11096-82-5	**AROCLOR 1260**	**ND**	0.05	0.49		0.0037

%SOLIDS 96%
Initial Wt.(gms) 10.06
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**6/29/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**6/29/04**
Client ID:	**B13 0-6**	**Date Analyzed:**	**6/29/2004**
Lab ID:	**4048908**	**DILUTION:**	**1**
Filename:	**PCB02523.D**		
Lab Project No:	**40489**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0132
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0243
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0165
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0189
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0075
11097-69-1	**AROCLOR 1254**	**ND**	0.06	0.49		0.0047
11096-82-5	**AROCLOR 1260**	**ND**	0.06	0.49		0.0042

%SOLIDS 84%
Initial Wt.(gms) 10.10
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**6/29/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**6/29/04**
Client ID:	**B14 0-6**	**Date Analyzed:**	**6/29/2004**
Lab ID:	**4048911 100X**	**DILUTION:**	**100**
Filename:	**PCB02522.D**		
Lab Project No:	**40489**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	5.60	0.49		1.2534
11104-28-2	**AROCLOR 1221**	**ND**	5.60	0.49		2.3054
11141-16-5	**AROCLOR 1232**	**ND**	5.60	0.49		1.5668
53469-21-9	**AROCLOR 1242**	**ND**	5.60	0.49		1.7906
12672-29-6	**AROCLOR 1248**	**ND**	5.60	0.49		0.7162
11097-69-1	**AROCLOR 1254**	**ND**	5.60	0.49		0.4476
11096-82-5	**AROCLOR 1260**	**ND**	5.60	0.49		0.4029

%SOLIDS 89%
Initial Wt.(gms) 10.04
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**6/29/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**6/29/04**
Client ID:	**B15 0-6**	**Date Analyzed:**	**6/29/2004**
Lab ID:	**4048914**	**DILUTION:**	**1**
Filename:	**PCB02519.D**		
Lab Project No:	**40489**	**Analyst:**	**A.A.**

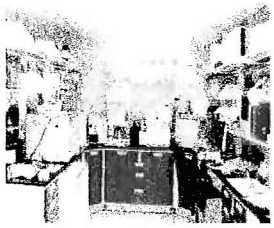
CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0131
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0241
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0164
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0187
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0075
11097-69-1	**AROCLOR 1254**	**ND**	0.06	0.49		0.0047
11096-82-5	**AROCLOR 1260**	**ND**	0.06	0.49		0.0042

%SOLIDS 85%
Initial Wt.(gms) 10.06
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699



ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 400 Area

400 Area

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time Of Collection	Date Received
B6/12-18"	4054601	Soil	22-Jul-04 10:08	07/22/04
B6A/0-6"	4054602	Soil	22-Jul-04 10:15	07/22/04
B6B/0-6"	4054603	Soil	22-Jul-04 10:23	07/22/04
B6C/0-6"	4054604	Soil	22-Jul-04 10:30	07/22/04
B6D/0-6"	4054605	Soil	22-Jul-04 10:37	07/22/04
B7/12-18"	4054606	Soil	22-Jul-04 10:58	07/22/04
DUP.	4054607	Soil	22-Jul-04 10:58	07/22/04
B7A/0-6"	4054608	Soil	22-Jul-04 11:05	07/22/04
B7B/0-6"	4054609	Soil	22-Jul-04 11:12	07/22/04
B7C/0-6"	4054610	Soil	22-Jul-04 11:18	07/22/04
B7D/0-6"	4054611	Soil	22-Jul-04 11:24	07/22/04
B10/12-18"	4054701	Soil	22-Jul-04 11:50	07/22/04
B10A/0-6"	4054702	Soil	22-Jul-04 11:56	07/22/04
B10B/0-6"	4054703	Soil	22-Jul-04 12:02	07/22/04
B10C/0-6"	4054704	Soil	22-Jul-04 12:08	07/22/04
B10D/0-6"	4054705	Soil	22-Jul-04 12:16	07/22/04
B14/12-18"	4054706	Soil	22-Jul-04 12:42	07/22/04
DUP.	4054707	Soil	22-Jul-04 12:42	07/22/04
B14A/0-6"	4054708	Soil	22-Jul-04 12:56	07/22/04
B14B/-0-6"	4054709	Soil	22-Jul-04 13:04	07/22/04
B14C/0-6"	4054710	Soil	22-Jul-04 13:10	07/22/04
B14D/0-6"	4054711	Soil	22-Jul-04 13:18	07/22/04
B15/12-18"	4055501	Soil	26-Jul-04 08:00	07/26/04
B15A/0-6"	4055502	Soil	26-Jul-04 08:08	07/26/04
B15B/0-6"	4055503	Soil	26-Jul-04 08:14	07/26/04
B15C/0-6"	4055504	Soil	26-Jul-04 08:20	07/26/04
B15D/0-6"	4055505	Soil	26-Jul-04 08:28	07/26/04

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
BN+15, PCB's, %SOLIDS

8-2-04

Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works

SEMI-VOLATILES

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MB-072604-01

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: MB-072604-01

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA10199.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 0 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/26/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
39638-32-9	bis(2-chloroisopropyl)ether	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	1000	U
132-64-9	Dibenzofuran	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MB-072604-01

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: MB-072604-01

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA10199.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 0 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/26/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	460	J
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MB-072704-01

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40555 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: MB-072704-01

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA10230.D

Level: (low/med) LOW Date Received: 7/26/2004

% Moisture: 0 decanted:(Y/N) N Date Extracted: 7/27/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
39638-32-9	bis(2-chloroisopropyl)ether	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	1000	U
132-64-9	Dibenzofuran	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MB-072704-01

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40555 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: MB-072704-01

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA10230.D

Level: (low/med) LOW Date Received: 7/26/2004

% Moisture: 0 decanted:(Y/N) N Date Extracted: 7/27/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	390	J
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B10

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054701

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA10201.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 16.74 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/26/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
39638-32-9	bis(2-chloroisopropyl)ether	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	1200	U
132-64-9	Dibenzofuran	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B10

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054701

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA10201.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 16.74 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/26/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	95	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	430	JB
206-44-0	Fluoranthene	210	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	190	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	110	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	140	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	170	J
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	110	J
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B10A

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054702

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA10206.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 12.96 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/26/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
39638-32-9	bis(2-chloroisopropyl)ether	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	96	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	1100	U
132-64-9	Dibenzofuran	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B10A

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054702

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA10206.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 12.96 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/26/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	320	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	4300	B
206-44-0	Fluoranthene	620	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	640	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	310	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	420	J
117-81-7	bis(2-Ethylhexyl)phthalate	79	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	500	J
207-08-9	Benzo[k]fluoranthene	170	J
50-32-8	Benzo[a]pyrene	340	J
193-39-5	Indeno[1,2,3-cd]pyrene	150	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	160	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B10A

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054702

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA10206.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 12.96 decanted: (Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/26/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 11 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.42	4800	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	22.28	2600	JN
3. 000057-10-3	Hexadecanoic acid	23.15	980	JN
4. 000112-88-9	1-Octadecene	27.92	470	JN
5. 000630-06-8	Hexatriacontane	29.44	520	JN
6. 000000-00-0	1-Hexacosanal	30.49	1100	JN
7. 000112-95-8	Eicosane	30.88	960	JN
8. 000297-03-0	Cyclotetracosane	30.94	1400	JN
9. 000629-94-7	Heneicosane	32.54	2100	JN
10. 007098-22-8	Tetratetracontane	34.77	730	JN
11.	unknown	35.19	660	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B10B

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054703

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA10207.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 14.55 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/26/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
39638-32-9	bis(2-chloroisopropyl)ether	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	1200	U
132-64-9	Dibenzofuran	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B10B

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054703

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA10207.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 14.55 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/26/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	110	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	1200	U
206-44-0	Fluoranthene	240	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	250	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	120	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	190	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	260	J
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	140	J
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B10C

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054704

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA10208.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 11.79 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/26/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
39638-32-9	bis(2-chloroisopropyl)ether	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	1100	U
132-64-9	Dibenzofuran	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	18	J
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B10C

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054704

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA10208.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 11.79 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/26/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	220	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1100	U
206-44-0	Fluoranthene	420	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	370	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	140	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	250	J
117-81-7	bis(2-Ethylhexyl)phthalate	73	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	280	J
207-08-9	Benzo[k]fluoranthene	76	J
50-32-8	Benzo[a]pyrene	140	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B10D

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054705

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA10209.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 12.51 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/26/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
39638-32-9	bis(2-chloroisopropyl)ether	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	1100	U
132-64-9	Dibenzofuran	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B10D

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054705

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA10209.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 12.51 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/26/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	340	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1100	U
206-44-0	Fluoranthene	800	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	720	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	340	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	440	J
117-81-7	bis(2-Ethylhexyl)phthalate	74	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	610	J
207-08-9	Benzo[k]fluoranthene	260	J
50-32-8	Benzo[a]pyrene	400	J
193-39-5	Indeno[1,2,3-cd]pyrene	180	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	190	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B14

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054706

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA10204.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 16.11 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/26/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
39638-32-9	bis(2-chloroisopropyl)ether	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	1200	U
132-64-9	Dibenzofuran	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B14

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054706

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA10204.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 16.11 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/26/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	140	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	1200	U
206-44-0	Fluoranthene	280	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	250	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	120	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	180	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	180	J
207-08-9	Benzo[k]fluoranthene	80	J
50-32-8	Benzo[a]pyrene	130	J
193-39-5	Indeno[1,2,3-cd]pyrene	74	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	77	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054707

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA10205.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 15.55 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/26/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
39638-32-9	bis(2-chloroisopropyl)ether	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	1200	U
132-64-9	Dibenzofuran	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054707

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA10205.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 15.55 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/26/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	99	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	530	JB
206-44-0	Fluoranthene	200	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	200	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	110	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	140	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	170	J
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	120	J
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B14A

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054708 (1:10)

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA10218.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 10.51 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/27/2004

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	11000	U
62-75-9	N-nitroso-dimethylamine	11000	U
62-53-3	Aniline	11000	U
111-44-4	bis(2-Chloroethyl)ether	11000	U
541-73-1	1,3-Dichlorobenzene	11000	U
106-46-7	1,4-Dichlorobenzene	11000	U
100-51-6	Benzyl alcohol	11000	U
95-50-1	1,2-Dichlorobenzene	11000	U
39638-32-9	bis(2-chloroisopropyl)ether	11000	U
621-64-7	n-Nitroso-di-n-propylamine	11000	U
67-72-1	Hexachloroethane	11000	U
98-95-3	Nitrobenzene	11000	U
78-59-1	Isophorone	11000	U
111-91-1	bis(2-Chloroethoxy)methane	11000	U
120-82-1	1,2,4-Trichlorobenzene	11000	U
91-20-3	Naphthalene	1100	JD
106-47-8	4-Chloroaniline	11000	U
87-68-3	Hexachlorobutadiene	11000	U
91-57-6	2-Methylnaphthalene	900	JD
77-47-4	Hexachlorocyclopentadiene	11000	U
91-58-7	2-Chloronaphthalene	11000	U
88-74-4	2-Nitroaniline	11000	U
131-11-3	Dimethylphthalate	11000	U
208-96-8	Acenaphthylene	11000	D
606-20-2	2,6-Dinitrotoluene	11000	U
99-09-2	3-Nitroaniline	11000	U
83-32-9	Acenaphthene	1100	JD
132-64-9	Dibenzofuran	11000	U
121-14-2	2,4-Dinitrotoluene	11000	U
84-66-2	Diethylphthalate	11000	U
86-73-7	Fluorene	4100	JD
7005-72-3	4-Chlorophenyl-phenylether	11000	U
100-01-6	4-Nitroaniline	11000	U
86-30-6	n-Nitrosodiphenylamine	11000	U
103-33-3	Azobenzene	11000	U
101-55-3	4-Bromophenyl-phenylether	11000	U
118-74-1	Hexachlorobenzene	11000	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B14A

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054708 (1:10)

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA10218.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 10.51 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/27/2004

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	33000	D
120-12-7	Anthracene	9300	JD
84-74-2	Di-n-butylphthalate	11000	U
206-44-0	Fluoranthene	45000	D
92-87-5	Benzidine	11000	U
129-00-0	Pyrene	55000	D
85-68-7	Butylbenzylphthalate	11000	U
56-55-3	Benzo[a]anthracene	27000	D
91-94-1	3,3'-Dichlorobenzidine	11000	U
218-01-9	Chrysene	37000	D
117-81-7	bis(2-Ethylhexyl)phthalate	11000	U
117-84-0	Di-n-octylphthalate	11000	U
205-99-2	Benzo[b]fluoranthene	37000	D
207-08-9	Benzo[k]fluoranthene	13000	D
50-32-8	Benzo[a]pyrene	31000	D
193-39-5	Indeno[1,2,3-cd]pyrene	11000	D
53-70-3	Dibenz[a,h]anthracene	4100	JD
191-24-2	Benzo[g,h,i]perylene	13000	D

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B14B

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054709 (1:5)

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA10219.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 13.13 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/27/2004

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	5700	U
62-75-9	N-nitroso-dimethylamine	5700	U
62-53-3	Aniline	5700	U
111-44-4	bis(2-Chloroethyl)ether	5700	U
541-73-1	1,3-Dichlorobenzene	5700	U
106-46-7	1,4-Dichlorobenzene	5700	U
100-51-6	Benzyl alcohol	5700	U
95-50-1	1,2-Dichlorobenzene	5700	U
39638-32-9	bis(2-chloroisopropyl)ether	5700	U
621-64-7	n-Nitroso-di-n-propylamine	5700	U
67-72-1	Hexachloroethane	5700	U
98-95-3	Nitrobenzene	5700	U
78-59-1	Isophorone	5700	U
111-91-1	bis(2-Chloroethoxy)methane	5700	U
120-82-1	1,2,4-Trichlorobenzene	5700	U
91-20-3	Naphthalene	800	JD
106-47-8	4-Chloroaniline	5700	U
87-68-3	Hexachlorobutadiene	5700	U
91-57-6	2-Methylnaphthalene	650	JD
77-47-4	Hexachlorocyclopentadiene	5700	U
91-58-7	2-Chloronaphthalene	5700	U
88-74-4	2-Nitroaniline	5700	U
131-11-3	Dimethylphthalate	5700	U
208-96-8	Acenaphthylene	11000	D
606-20-2	2,6-Dinitrotoluene	5700	U
99-09-2	3-Nitroaniline	5700	U
83-32-9	Acenaphthene	610	JD
132-64-9	Dibenzofuran	5700	U
121-14-2	2,4-Dinitrotoluene	5700	U
84-66-2	Diethylphthalate	5700	U
86-73-7	Fluorene	1000	JD
7005-72-3	4-Chlorophenyl-phenylether	5700	U
100-01-6	4-Nitroaniline	5700	U
86-30-6	n-Nitrosodiphenylamine	5700	U
103-33-3	Azobenzene	5700	U
101-55-3	4-Bromophenyl-phenylether	5700	U
118-74-1	Hexachlorobenzene	5700	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B14B

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054709 (1:5)

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA10219.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 13.13 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/27/2004

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	12000	D
120-12-7	Anthracene	6600	D
84-74-2	Di-n-butylphthalate	5700	U
206-44-0	Fluoranthene	26000	D
92-87-5	Benzidine	5700	U
129-00-0	Pyrene	40000	D
85-68-7	Butylbenzylphthalate	5700	U
56-55-3	Benzo[a]anthracene	17000	D
91-94-1	3,3'-Dichlorobenzidine	5700	U
218-01-9	Chrysene	21000	D
117-81-7	bis(2-Ethylhexyl)phthalate	5700	U
117-84-0	Di-n-octylphthalate	5700	U
205-99-2	Benzo[b]fluoranthene	21000	D
207-08-9	Benzo[k]fluoranthene	7900	D
50-32-8	Benzo[a]pyrene	20000	D
193-39-5	Indeno[1,2,3-cd]pyrene	8000	D
53-70-3	Dibenz[a,h]anthracene	2700	JD
191-24-2	Benzo[g,h,i]perylene	10000	D

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B14C

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054710

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA10217.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 28.33 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/27/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1400	U
62-75-9	N-nitroso-dimethylamine	1400	U
62-53-3	Aniline	1400	U
111-44-4	bis(2-Chloroethyl)ether	1400	U
541-73-1	1,3-Dichlorobenzene	1400	U
106-46-7	1,4-Dichlorobenzene	1400	U
100-51-6	Benzyl alcohol	1400	U
95-50-1	1,2-Dichlorobenzene	1400	U
39638-32-9	bis(2-chloroisopropyl)ether	1400	U
621-64-7	n-Nitroso-di-n-propylamine	1400	U
67-72-1	Hexachloroethane	1400	U
98-95-3	Nitrobenzene	1400	U
78-59-1	Isophorone	1400	U
111-91-1	bis(2-Chloroethoxy)methane	1400	U
120-82-1	1,2,4-Trichlorobenzene	1400	U
91-20-3	Naphthalene	1400	U
106-47-8	4-Chloroaniline	1400	U
87-68-3	Hexachlorobutadiene	1400	U
91-57-6	2-Methylnaphthalene	1400	U
77-47-4	Hexachlorocyclopentadiene	1400	U
91-58-7	2-Chloronaphthalene	1400	U
88-74-4	2-Nitroaniline	1400	U
131-11-3	Dimethylphthalate	1400	U
208-96-8	Acenaphthylene	310	J
606-20-2	2,6-Dinitrotoluene	1400	U
99-09-2	3-Nitroaniline	1400	U
83-32-9	Acenaphthene	1400	U
132-64-9	Dibenzofuran	1400	U
121-14-2	2,4-Dinitrotoluene	1400	U
84-66-2	Diethylphthalate	1400	U
86-73-7	Fluorene	1400	U
7005-72-3	4-Chlorophenyl-phenylether	1400	U
100-01-6	4-Nitroaniline	1400	U
86-30-6	n-Nitrosodiphenylamine	1400	U
103-33-3	Azobenzene	1400	U
101-55-3	4-Bromophenyl-phenylether	1400	U
118-74-1	Hexachlorobenzene	1400	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B14C

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054710

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA10217.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 28.33 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/27/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	560	J
120-12-7	Anthracene	200	J
84-74-2	Di-n-butylphthalate	620	JB
206-44-0	Fluoranthene	910	J
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	1100	J
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	470	J
91-94-1	3,3'-Dichlorobenzidine	1400	U
218-01-9	Chrysene	680	J
117-81-7	bis(2-Ethylhexyl)phthalate	130	J
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	750	J
207-08-9	Benzo[k]fluoranthene	250	J
50-32-8	Benzo[a]pyrene	550	J
193-39-5	Indeno[1,2,3-cd]pyrene	270	J
53-70-3	Dibenz[a,h]anthracene	1400	U
191-24-2	Benzo[g,h,i]perylene	300	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B14C

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054710

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA10217.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 28.33 decanted: (Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/27/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B14D

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054711 (1:5)

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA10220.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 10.01 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/27/2004

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	5500	U
62-75-9	N-nitroso-dimethylamine	5500	U
62-53-3	Aniline	5500	U
111-44-4	bis(2-Chloroethyl)ether	5500	U
541-73-1	1,3-Dichlorobenzene	5500	U
106-46-7	1,4-Dichlorobenzene	5500	U
100-51-6	Benzyl alcohol	5500	U
95-50-1	1,2-Dichlorobenzene	5500	U
39638-32-9	bis(2-chloroisopropyl)ether	5500	U
621-64-7	n-Nitroso-di-n-propylamine	5500	U
67-72-1	Hexachloroethane	5500	U
98-95-3	Nitrobenzene	5500	U
78-59-1	Isophorone	5500	U
111-91-1	bis(2-Chloroethoxy)methane	5500	U
120-82-1	1,2,4-Trichlorobenzene	5500	U
91-20-3	Naphthalene	450	JD
106-47-8	4-Chloroaniline	5500	U
87-68-3	Hexachlorobutadiene	5500	U
91-57-6	2-Methylnaphthalene	5500	U
77-47-4	Hexachlorocyclopentadiene	5500	U
91-58-7	2-Chloronaphthalene	5500	U
88-74-4	2-Nitroaniline	5500	U
131-11-3	Dimethylphthalate	5500	U
208-96-8	Acenaphthylene	5900	D
606-20-2	2,6-Dinitrotoluene	5500	U
99-09-2	3-Nitroaniline	5500	U
83-32-9	Acenaphthene	5500	U
132-64-9	Dibenzofuran	5500	U
121-14-2	2,4-Dinitrotoluene	5500	U
84-66-2	Diethylphthalate	5500	U
86-73-7	Fluorene	5500	U
7005-72-3	4-Chlorophenyl-phenylether	5500	U
100-01-6	4-Nitroaniline	5500	U
86-30-6	n-Nitrosodiphenylamine	5500	U
103-33-3	Azobenzene	5500	U
101-55-3	4-Bromophenyl-phenylether	5500	U
118-74-1	Hexachlorobenzene	5500	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B14D

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40547 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4054711 (1:5)

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA10220.D

Level: (low/med) LOW Date Received: 7/22/2004

% Moisture: 10.01 decanted:(Y/N) N Date Extracted: 7/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/27/2004

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	4200	JD
120-12-7	Anthracene	3500	JD
84-74-2	Di-n-butylphthalate	5500	U
206-44-0	Fluoranthene	8900	D
92-87-5	Benzidine	5500	U
129-00-0	Pyrene	14000	D
85-68-7	Butylbenzylphthalate	5500	U
56-55-3	Benzo[a]anthracene	6600	D
91-94-1	3,3'-Dichlorobenzidine	5500	U
218-01-9	Chrysene	8300	D
117-81-7	bis(2-Ethylhexyl)phthalate	5500	U
117-84-0	Di-n-octylphthalate	5500	U
205-99-2	Benzo[b]fluoranthene	11000	D
207-08-9	Benzo[k]fluoranthene	3600	JD
50-32-8	Benzo[a]pyrene	8900	D
193-39-5	Indeno[1,2,3-cd]pyrene	4300	JD
53-70-3	Dibenz[a,h]anthracene	1400	JD
191-24-2	Benzo[g,h,i]perylene	5200	JD

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B15

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40555 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4055501

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA10223.D

Level: (low/med) LOW Date Received: 7/26/2004

% Moisture: 14.24 decanted:(Y/N) N Date Extracted: 7/27/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/27/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
39638-32-9	bis(2-chloroisopropyl)ether	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	1200	U
132-64-9	Dibenzofuran	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B15

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40555 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4055501

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA10223.D

Level: (low/med) LOW Date Received: 7/26/2004

% Moisture: 14.24 decanted:(Y/N) N Date Extracted: 7/27/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/27/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	180	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	1200	U
206-44-0	Fluoranthene	320	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	350	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	170	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	200	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	260	J
207-08-9	Benzo[k]fluoranthene	82	J
50-32-8	Benzo[a]pyrene	180	J
193-39-5	Indeno[1,2,3-cd]pyrene	72	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	76	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B15A

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40555 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4055502

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA10224.D

Level: (low/med) LOW Date Received: 7/26/2004

% Moisture: 13.97 decanted:(Y/N) N Date Extracted: 7/27/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/27/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
39638-32-9	bis(2-chloroisopropyl)ether	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	160	J
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
91-57-6	2-Methylnaphthalene	100	J
77-47-4	Hexachlorocyclopentadiene	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1800	
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	110	J
132-64-9	Dibenzofuran	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	270	J
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B15A

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40555 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4055502

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA10224.D

Level: (low/med) LOW Date Received: 7/26/2004

% Moisture: 13.97 decanted:(Y/N) N Date Extracted: 7/27/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/27/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	4000	
120-12-7	Anthracene	1500	
84-74-2	Di-n-butylphthalate	430	JB
206-44-0	Fluoranthene	7100	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	10000	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	4500	
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	6200	
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	6700	
207-08-9	Benzo[k]fluoranthene	2600	
50-32-8	Benzo[a]pyrene	5000	
193-39-5	Indeno[1,2,3-cd]pyrene	1900	
53-70-3	Dibenz[a,h]anthracene	670	J
191-24-2	Benzo[g,h,i]perylene	2100	

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B15B

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40555 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4055503

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA10225.D

Level: (low/med) LOW Date Received: 7/26/2004

% Moisture: 13.17 decanted:(Y/N) N Date Extracted: 7/27/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/27/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
39638-32-9	bis(2-chloroisopropyl)ether	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	96	J
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
91-57-6	2-Methylnaphthalene	140	J
77-47-4	Hexachlorocyclopentadiene	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	540	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	1100	U
132-64-9	Dibenzofuran	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B15B

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40555 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4055503

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA10225.D

Level: (low/med) LOW Date Received: 7/26/2004

% Moisture: 13.17 decanted:(Y/N) N Date Extracted: 7/27/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/27/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	310	J
120-12-7	Anthracene	350	J
84-74-2	Di-n-butylphthalate	410	JB
206-44-0	Fluoranthene	680	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1600	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	510	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	690	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1200	
207-08-9	Benzo[k]fluoranthene	320	J
50-32-8	Benzo[a]pyrene	860	J
193-39-5	Indeno[1,2,3-cd]pyrene	460	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	590	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B15C

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40555 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4055504

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA10235.D

Level: (low/med) LOW Date Received: 7/26/2004

% Moisture: 20.49 decanted:(Y/N) N Date Extracted: 7/27/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
39638-32-9	bis(2-chloroisopropyl)ether	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	1200	U
132-64-9	Dibenzofuran	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B15C

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40555 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4055504

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA10235.D

Level: (low/med) LOW Date Received: 7/26/2004

% Moisture: 20.49 decanted:(Y/N) N Date Extracted: 7/27/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	320	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	300	JB
206-44-0	Fluoranthene	560	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	550	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	280	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	300	J
117-81-7	bis(2-Ethylhexyl)phthalate	300	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	400	J
207-08-9	Benzo[k]fluoranthene	180	J
50-32-8	Benzo[a]pyrene	290	J
193-39-5	Indeno[1,2,3-cd]pyrene	130	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	140	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B15D

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40555 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4055505 (1:5)

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA10234.D

Level: (low/med) LOW Date Received: 7/26/2004

% Moisture: 16.01 decanted:(Y/N) N Date Extracted: 7/27/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	5800	U
62-75-9	N-nitroso-dimethylamine	5800	U
62-53-3	Aniline	5800	U
111-44-4	bis(2-Chloroethyl)ether	5800	U
541-73-1	1,3-Dichlorobenzene	5800	U
106-46-7	1,4-Dichlorobenzene	5800	U
100-51-6	Benzyl alcohol	5800	U
95-50-1	1,2-Dichlorobenzene	5800	U
39638-32-9	bis(2-chloroisopropyl)ether	5800	U
621-64-7	n-Nitroso-di-n-propylamine	5800	U
67-72-1	Hexachloroethane	5800	U
98-95-3	Nitrobenzene	5800	U
78-59-1	Isophorone	5800	U
111-91-1	bis(2-Chloroethoxy)methane	5800	U
120-82-1	1,2,4-Trichlorobenzene	5800	U
91-20-3	Naphthalene	890	JD
106-47-8	4-Chloroaniline	5800	U
87-68-3	Hexachlorobutadiene	5800	U
91-57-6	2-Methylnaphthalene	890	JD
77-47-4	Hexachlorocyclopentadiene	5800	U
91-58-7	2-Chloronaphthalene	5800	U
88-74-4	2-Nitroaniline	5800	U
131-11-3	Dimethylphthalate	5800	U
208-96-8	Acenaphthylene	7700	D
606-20-2	2,6-Dinitrotoluene	5800	U
99-09-2	3-Nitroaniline	5800	U
83-32-9	Acenaphthene	520	JD
132-64-9	Dibenzofuran	5800	U
121-14-2	2,4-Dinitrotoluene	5800	U
84-66-2	Diethylphthalate	5800	U
86-73-7	Fluorene	1200	JD
7005-72-3	4-Chlorophenyl-phenylether	5800	U
100-01-6	4-Nitroaniline	5800	U
86-30-6	n-Nitrosodiphenylamine	5800	U
103-33-3	Azobenzene	5800	U
101-55-3	4-Bromophenyl-phenylether	5800	U
118-74-1	Hexachlorobenzene	5800	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B15D

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40555 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4055505 (1:5)

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA10234.D

Level: (low/med) LOW Date Received: 7/26/2004

% Moisture: 16.01 decanted:(Y/N) N Date Extracted: 7/27/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/28/2004

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	7800	D
120-12-7	Anthracene	4600	JD
84-74-2	Di-n-butylphthalate	5800	U
206-44-0	Fluoranthene	13000	D
92-87-5	Benzidine	5800	U
129-00-0	Pyrene	21000	D
85-68-7	Butylbenzylphthalate	5800	U
56-55-3	Benzo[a]anthracene	10000	D
91-94-1	3,3'-Dichlorobenzidine	5800	U
218-01-9	Chrysene	13000	D
117-81-7	bis(2-Ethylhexyl)phthalate	5800	U
117-84-0	Di-n-octylphthalate	5800	U
205-99-2	Benzo[b]fluoranthene	15000	D
207-08-9	Benzo[k]fluoranthene	5600	JD
50-32-8	Benzo[a]pyrene	15000	D
193-39-5	Indeno[1,2,3-cd]pyrene	6000	D
53-70-3	Dibenz[a,h]anthracene	2000	JD
191-24-2	Benzo[g,h,i]perylene	7600	D

PCB'S

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 072304-01

MATRIX: Soil
Date Extracted: 7/23/2004
Ext. Batch: 072304
Filename: PCB02671.D
Date Analyzed: 7/27/2004
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	MDL (mg/Kg)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Wt.(gms) 10
Final Vol.(ml) 10

COMMENTS:

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**7/23/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**072304**
Client ID:	**B6 12-18**	**Date Analyzed:**	**7/27/2004**
Lab ID:	**4054601**	**DILUTION:**	**1**
Filename:	**PCB02673.D**		
Lab Project No:	**40546**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0129
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0237
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0161
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0184
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0073
11097-69-1	**AROCLOR 1254**	**ND**	0.06	0.49		0.0046
11096-82-5	**AROCLOR 1260**	**ND**	0.06	0.49		0.0041

%SOLIDS 87%
Initial Wt.(gms) 10.01
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**7/23/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**072304**
Client ID:	**B6A 0-6**	**Date Analyzed:**	**7/27/2004**
Lab ID:	**4054602**	**DILUTION:**	**1**
Filename:	**PCB02676.D**		
Lab Project No:	**40546**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0129
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0237
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0161
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0184
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0073
11097-69-1	**AROCLOR 1254**	**ND**	0.06	0.49		0.0046
11096-82-5	**AROCLOR 1260**	**ND**	0.06	0.49		0.0041

%SOLIDS 87%
Initial Wt.(gms) 10.01
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**7/23/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**072304**
Client ID:	**B6B 0-6**	**Date Analyzed:**	**7/27/2004**
Lab ID:	**4054603**	**DILUTION:**	**1**
Filename:	**PCB02677.D**		
Lab Project No:	**40546**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.05	0.49		0.0122
11104-28-2	**AROCLOR 1221**	**ND**	0.05	0.49		0.0225
11141-16-5	**AROCLOR 1232**	**ND**	0.05	0.49		0.0153
53469-21-9	**AROCLOR 1242**	**ND**	0.05	0.49		0.0175
12672-29-6	**AROCLOR 1248**	**ND**	0.05	0.49		0.0070
11097-69-1	**AROCLOR 1254**	**ND**	0.05	0.49		0.0044
11096-82-5	**AROCLOR 1260**	**ND**	0.05	0.49		0.0039

%SOLIDS 91%
Initial Wt.(gms) 10.06
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**7/23/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**072304**
Client ID:	**B6C 0-6**	**Date Analyzed:**	**7/27/2004**
Lab ID:	**4054604**	**DILUTION:**	**1**
Filename:	**PCB02678.D**		
Lab Project No:	**40546**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0124
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0229
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0156
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0178
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0071
11097-69-1	**AROCLOR 1254**	**ND**	0.06	0.49		0.0044
11096-82-5	**AROCLOR 1260**	**ND**	0.06	0.49		0.0040

%SOLIDS 90%
Initial Wt.(gms) 10.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**7/23/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**072304**
Client ID:	**B6D 0-6**	**Date Analyzed:**	**7/27/2004**
Lab ID:	**4054605**	**DILUTION:**	**1**
Filename:	**PCB02679.D**		
Lab Project No:	**40546**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0127
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0234
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0159
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0182
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0073
11097-69-1	**AROCLOR 1254**	**ND**	0.06	0.49		0.0045
11096-82-5	**AROCLOR 1260**	**ND**	0.06	0.49		0.0041

%SOLIDS 87%
Initial Wt.(gms) 10.12
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**07/23/04**
Lot #.	**400 Area**	**Ext. Batch:**	**072304**
Client ID:	**B7 12-18**	**Date Analyzed:**	**07/27/04**
Lab ID:	**4054606 10X**	**DILUTION:**	**10**
Filename:	**PCB02686.D**		
Lab Project No:	**40546**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.56	0.49		0.1256
11104-28-2	**AROCLOR 1221**	**ND**	0.56	0.49		0.2310
11141-16-5	**AROCLOR 1232**	**ND**	0.56	0.49		0.1570
53469-21-9	**AROCLOR 1242**	**ND**	0.56	0.49		0.1794
12672-29-6	**AROCLOR 1248**	**ND**	0.56	0.49		0.0718
11097-69-1	**AROCLOR 1254**	**26**	0.56	0.49	D	0.0449
11096-82-5	**AROCLOR 1260**	**ND**	0.56	0.49		0.0404

%SOLIDS 89%
Initial Wt.(gms) 10.02
Final Vol.(ml) 10

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**7/23/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**072304**
Client ID:	**Dupe**	**Date Analyzed:**	**7/27/2004**
Lab ID:	**4054607 10X**	**DILUTION:**	**10**
Filename:	**PCB02687.D**		
Lab Project No:	**40546**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.55	0.49		0.1241
11104-28-2	**AROCLOR 1221**	**ND**	0.55	0.49		0.2283
11141-16-5	**AROCLOR 1232**	**ND**	0.55	0.49		0.1551
53469-21-9	**AROCLOR 1242**	**ND**	0.55	0.49		0.1773
12672-29-6	**AROCLOR 1248**	**ND**	0.55	0.49		0.0709
11097-69-1	**AROCLOR 1254**	**20.00**	0.55	0.49	D	0.0443
11096-82-5	**AROCLOR 1260**	**ND**	0.55	0.49		0.0399

%SOLIDS **89%**
Initial Wt.(gms) **10.14**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**7/23/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**072304**
Client ID:	**B7A 0-6**	**Date Analyzed:**	**7/27/2004**
Lab ID:	**4054608 10X**	**DILUTION:**	**10**
Filename:	**PCB02688.D**		
Lab Project No:	**40546**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.58	0.49		0.1294
11104-28-2	**AROCLOR 1221**	**ND**	0.58	0.49		0.2381
11141-16-5	**AROCLOR 1232**	**ND**	0.58	0.49		0.1618
53469-21-9	**AROCLOR 1242**	**ND**	0.58	0.49		0.1849
12672-29-6	**AROCLOR 1248**	**ND**	0.58	0.49		0.0740
11097-69-1	**AROCLOR 1254**	**12.00**	0.58	0.49	D	0.0462
11096-82-5	**AROCLOR 1260**	**ND**	0.58	0.49		0.0416

%SOLIDS	**85%**
Initial Wt.(gms)	**10.18**
Final Vol.(ml)	**10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**7/23/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**072304**
Client ID:	**B7B 0-6**	**Date Analyzed:**	**7/27/2004**
Lab ID:	**4054609 10X**	**DILUTION:**	**10**
Filename:	**PCB02683.D**		
Lab Project No:	**40546**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.54	0.49		0.1214
11104-28-2	**AROCLOR 1221**	**ND**	0.54	0.49		0.2232
11141-16-5	**AROCLOR 1232**	**ND**	0.54	0.49		0.1517
53469-21-9	**AROCLOR 1242**	**ND**	0.54	0.49		0.1734
12672-29-6	**AROCLOR 1248**	**ND**	0.54	0.49		0.0694
11097-69-1	**AROCLOR 1254**	**30.00**	0.54	0.49	D	0.0433
11096-82-5	**AROCLOR 1260**	**ND**	0.54	0.49		0.0390

%SOLIDS 92%
Initial Wt.(gms) 10.03
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**7/23/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**072304**
Client ID:	**B7C 0-6**	**Date Analyzed:**	**7/28/2004**
Lab ID:	**4054610 100X**	**DILUTION:**	**100**
Filename:	**PCB02695.D**		
Lab Project No:	**40546**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	5.34	0.49		1.1971
11104-28-2	**AROCLOR 1221**	**ND**	5.34	0.49		2.2018
11141-16-5	**AROCLOR 1232**	**ND**	5.34	0.49		1.4964
53469-21-9	**AROCLOR 1242**	**ND**	5.34	0.49		1.7102
12672-29-6	**AROCLOR 1248**	**ND**	5.34	0.49		0.6841
11097-69-1	**AROCLOR 1254**	**170.00**	5.34	0.49	D	0.4275
11096-82-5	**AROCLOR 1260**	**ND**	5.34	0.49		0.3848

%SOLIDS **93%**
Initial Wt.(gms) **10.06**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**7/23/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**072304**
Client ID:	**B7D 0-6**	**Date Analyzed:**	**7/27/2004**
Lab ID:	**4054611 10X**	**DILUTION:**	**10**
Filename:	**PCB02685.D**		
Lab Project No:	**40546**	**Analyst:**	**A.A.**

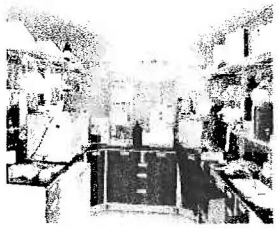
CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.56	0.49		0.1248
11104-28-2	**AROCLOR 1221**	**ND**	0.56	0.49		0.2296
11141-16-5	**AROCLOR 1232**	**ND**	0.56	0.49		0.1561
53469-21-9	**AROCLOR 1242**	**ND**	0.56	0.49		0.1783
12672-29-6	**AROCLOR 1248**	**ND**	0.56	0.49		0.0713
11097-69-1	**AROCLOR 1254**	**11.00**	0.56	0.49	D	0.0446
11096-82-5	**AROCLOR 1260**	**ND**	0.56	0.49		0.0401

%SOLIDS 89%
Initial Wt.(gms) 10.08
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-4359 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699



ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 400 AREA

400 Area

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
B7C 18-24"	4057901	Soil	04-Aug-04 09:56	08/04/04
Dupe	4057902	Soil	04-Aug-04 09:56	08/04/04
B7B1 0-6"	4057903	Soil	04-Aug-04 10:12	08/04/04
B7C1 0-6"	4057904	Soil	04-Aug-04 10:19	08/04/04
B7C1A 0-6"	4057905	Soil	04-Aug-04 10:28	08/04/04
B7C1D 0-6"	4057906	Soil	04-Aug-04 10:35	08/04/04
B7D1 0-6"	4057907	Soil	04-Aug-04 10:43	08/04/04
B7A1 0-6"	4057908	Soil	04-Aug-04 10:49	08/04/04
B14A1 12-16"	4057909	Soil	04-Aug-04 11:37	08/04/04
B14B1 0-6"	4057910	Soil	04-Aug-04 11:23	08/04/04
B14D1 0-6"	4057911	Soil	04-Aug-04 11:28	08/04/04
B15A1 12-16"	4057912	Soil	04-Aug-04 11:56	08/04/04
B15B1 12-16"	4057913	Soil	04-Aug-04 12:06	08/04/04
B15D1 0-6"	4057914	Soil	04-Aug-04 12:23	08/04/04
B15D1A 12-16"	4057915	Soil	04-Aug-04 12:35	08/04/04

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
BN+15, PCBs, % SOLIDS

8-20-04
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MB-080504-01

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40579 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: MB-080504-01

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA10248.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: 0 decanted:(Y/N) N Date Extracted: 8/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/6/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
39638-32-9	bis(2-chloroisopropyl)ether	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	1000	U
132-64-9	Dibenzofuran	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MB-080504-01

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40579 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: MB-080504-01

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA10248.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: 0 decanted:(Y/N) N Date Extracted: 8/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/6/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	290	J
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B14A1

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40579 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4057909

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA10250.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: 14.7 decanted:(Y/N) N Date Extracted: 8/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/6/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
39638-32-9	bis(2-chloroisopropyl)ether	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	1200	U
132-64-9	Dibenzofuran	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B14A1

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40579 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4057909

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA10250.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: 14.7 decanted:(Y/N) N Date Extracted: 8/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/6/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	1200	U
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	1200	U
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1200	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1200	U
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	U
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B14B1

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40579 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4057910

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA10257.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: 48.71 decanted:(Y/N) N Date Extracted: 8/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/6/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1900	U
62-75-9	N-nitroso-dimethylamine	1900	U
62-53-3	Aniline	1900	U
111-44-4	bis(2-Chloroethyl)ether	1900	U
541-73-1	1,3-Dichlorobenzene	1900	U
106-46-7	1,4-Dichlorobenzene	1900	U
100-51-6	Benzyl alcohol	1900	U
95-50-1	1,2-Dichlorobenzene	1900	U
39638-32-9	bis(2-chloroisopropyl)ether	1900	U
621-64-7	n-Nitroso-di-n-propylamine	1900	U
67-72-1	Hexachloroethane	1900	U
98-95-3	Nitrobenzene	1900	U
78-59-1	Isophorone	1900	U
111-91-1	bis(2-Chloroethoxy)methane	1900	U
120-82-1	1,2,4-Trichlorobenzene	1900	U
91-20-3	Naphthalene	1900	U
106-47-8	4-Chloroaniline	1900	U
87-68-3	Hexachlorobutadiene	1900	U
91-57-6	2-Methylnaphthalene	1900	U
77-47-4	Hexachlorocyclopentadiene	1900	U
91-58-7	2-Chloronaphthalene	1900	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	1900	U
208-96-8	Acenaphthylene	1900	U
606-20-2	2,6-Dinitrotoluene	1900	U
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	1900	U
132-64-9	Dibenzofuran	1900	U
121-14-2	2,4-Dinitrotoluene	1900	U
84-66-2	Diethylphthalate	1900	U
86-73-7	Fluorene	1900	U
7005-72-3	4-Chlorophenyl-phenylether	1900	U
100-01-6	4-Nitroaniline	1900	U
86-30-6	n-Nitrosodiphenylamine	1900	U
103-33-3	Azobenzene	1900	U
101-55-3	4-Bromophenyl-phenylether	1900	U
118-74-1	Hexachlorobenzene	1900	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B14B1

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40579 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4057910

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA10257.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: 48.71 decanted:(Y/N) N Date Extracted: 8/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/6/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	280	J
120-12-7	Anthracene	1900	U
84-74-2	Di-n-butylphthalate	810	JB
206-44-0	Fluoranthene	570	J
92-87-5	Benzidine	1900	U
129-00-0	Pyrene	640	J
85-68-7	Butylbenzylphthalate	1900	U
56-55-3	Benzo[a]anthracene	270	J
91-94-1	3,3'-Dichlorobenzidine	1900	U
218-01-9	Chrysene	420	J
117-81-7	bis(2-Ethylhexyl)phthalate	110	J
117-84-0	Di-n-octylphthalate	1900	U
205-99-2	Benzo[b]fluoranthene	560	J
207-08-9	Benzo[k]fluoranthene	190	J
50-32-8	Benzo[a]pyrene	350	J
193-39-5	Indeno[1,2,3-cd]pyrene	200	J
53-70-3	Dibenz[a,h]anthracene	1900	U
191-24-2	Benzo[g,h,i]perylene	240	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B14D1

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40579 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4057911

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA10274.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: 21.2 decanted:(Y/N) N Date Extracted: 8/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/10/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
39638-32-9	bis(2-chloroisopropyl)ether	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	77	J
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	360	J
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	1200	U
132-64-9	Dibenzofuran	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B14D1

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40579 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4057911

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA10274.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: 21.2 decanted:(Y/N) N Date Extracted: 8/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/10/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	280	J
120-12-7	Anthracene	220	J
84-74-2	Di-n-butylphthalate	1200	U
206-44-0	Fluoranthene	690	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	950	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	440	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	620	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	760	J
207-08-9	Benzo[k]fluoranthene	270	J
50-32-8	Benzo[a]pyrene	580	J
193-39-5	Indeno[1,2,3-cd]pyrene	320	J
53-70-3	Dibenz[a,h]anthracene	100	J
191-24-2	Benzo[g,h,i]perylene	400	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B15A1

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40579 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4057912

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA10253.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: 14.5 decanted:(Y/N) N Date Extracted: 8/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/6/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
39638-32-9	bis(2-chloroisopropyl)ether	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	1200	U
132-64-9	Dibenzofuran	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B15A1

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40579 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4057912

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA10253.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: 14.5 decanted:(Y/N) N Date Extracted: 8/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/6/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	1200	U
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	160	JB
206-44-0	Fluoranthene	170	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	140	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	79	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	100	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	110	J
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	83	J
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B15B1

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40579 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4057913

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA10254.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: 17 decanted:(Y/N) N Date Extracted: 8/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/6/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
39638-32-9	bis(2-chloroisopropyl)ether	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	160	J
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	1200	U
132-64-9	Dibenzofuran	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B15B1

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40579 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4057913

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA10254.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: 17 decanted:(Y/N) N Date Extracted: 8/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/6/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	440	J
120-12-7	Anthracene	98	J
84-74-2	Di-n-butylphthalate	550	JB
206-44-0	Fluoranthene	460	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	550	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	230	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	270	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	230	J
207-08-9	Benzo[k]fluoranthene	88	J
50-32-8	Benzo[a]pyrene	220	J
193-39-5	Indeno[1,2,3-cd]pyrene	99	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	120	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B15D1

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40579 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4057914

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA10255.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: 12.76 decanted:(Y/N) N Date Extracted: 8/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/6/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
39638-32-9	bis(2-chloroisopropyl)ether	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	1100	U
132-64-9	Dibenzofuran	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B15D1

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40579 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4057914

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA10255.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: 12.76 decanted:(Y/N) N Date Extracted: 8/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/6/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	390	JB
206-44-0	Fluoranthene	170	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	150	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	85	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	96	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	110	J
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	80	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B15D1A

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40579 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4057915

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA10256.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: 18.26 decanted:(Y/N) N Date Extracted: 8/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/6/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
39638-32-9	bis(2-chloroisopropyl)ether	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	1200	U
132-64-9	Dibenzofuran	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B15D1A

Lab Name: FMETL Project: UST

Lab Code: 13461 Case No.: 40579 Location: 400 Ar SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4057915

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA10256.D

Level: (low/med) LOW Date Received: 8/4/2004

% Moisture: 18.26 decanted:(Y/N) N Date Extracted: 8/5/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 8/6/2004

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
85-01-8	Phenanthrene	1200	U
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	740	JB
206-44-0	Fluoranthene	120	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1200	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1200	U
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	77	J
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

PCBs

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 080604-01

MATRIX: Soil
Date Extracted: 8/6/2004
Ext. Batch: 080604
Filename: PCB02770.D
Date Analyzed: 8/6/2004
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	MDL (mg/Kg)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Wt.(gms) 10
Final Vol.(ml) 10

COMMENTS:

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/6/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**080604**
Client ID:	**B7C**	**Date Analyzed:**	**8/6/2004**
Lab ID:	**4057901 10X**	**DILUTION:**	**10**
Filename:	**PCB02772.D**		
Lab Project No:	**40579**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.58	0.49		0.1305
11104-28-2	**AROCLOR 1221**	**ND**	0.58	0.49		0.2400
11141-16-5	**AROCLOR 1232**	**ND**	0.58	0.49		0.1631
53469-21-9	**AROCLOR 1242**	**ND**	0.58	0.49		0.1864
12672-29-6	**AROCLOR 1248**	**ND**	0.58	0.49		0.0745
11097-69-1	**AROCLOR 1254**	**1.40**	0.58	0.49		0.0466
11096-82-5	**AROCLOR 1260**	**ND**	0.58	0.49		0.0419

%SOLIDS **85%**
Initial Wt.(gms) **10.10**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 080604-01

MATRIX: Soil
Date Extracted: 8/6/2004
Ext. Batch: 080604
Filename: PCB02770.D
Date Analyzed: 8/6/2004
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	MDL (mg/Kg)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Wt.(gms) 10
Final Vol.(ml) 10

COMMENTS:

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/6/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**080604**
Client ID:	**B7C**	**Date Analyzed:**	**8/6/2004**
Lab ID:	**4057901 10X**	**DILUTION:**	**10**
Filename:	**PCB02772.D**		
Lab Project No:	**40579**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.58	0.49		0.1305
11104-28-2	**AROCLOR 1221**	**ND**	0.58	0.49		0.2400
11141-16-5	**AROCLOR 1232**	**ND**	0.58	0.49		0.1631
53469-21-9	**AROCLOR 1242**	**ND**	0.58	0.49		0.1864
12672-29-6	**AROCLOR 1248**	**ND**	0.58	0.49		0.0745
11097-69-1	**AROCLOR 1254**	**1.40**	0.58	0.49		0.0466
11096-82-5	**AROCLOR 1260**	**ND**	0.58	0.49		0.0419

%SOLIDS **85%**
Initial Wt.(gms) **10.10**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/6/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**080604**
Client ID:	**Dupe**	**Date Analyzed:**	**8/6/2004**
Lab ID:	**4057902 10X**	**DILUTION:**	**10**
Filename:	**PCB02775.D**		
Lab Project No:	**40579**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.59	0.49		0.1314
11104-28-2	**AROCLOR 1221**	**ND**	0.59	0.49		0.2416
11141-16-5	**AROCLOR 1232**	**ND**	0.59	0.49		0.1642
53469-21-9	**AROCLOR 1242**	**ND**	0.59	0.49		0.1877
12672-29-6	**AROCLOR 1248**	**ND**	0.59	0.49		0.0751
11097-69-1	**AROCLOR 1254**	**1.10**	0.59	0.49		0.0469
11096-82-5	**AROCLOR 1260**	**ND**	0.59	0.49		0.0422

%SOLIDS **85%**
Initial Wt.(gms) **10.03**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/6/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**080604**
Client ID:	**B7B1**	**Date Analyzed:**	**8/6/2004**
Lab ID:	**4057903 10X**	**DILUTION:**	**10**
Filename:	**PCB02776.D**		
Lab Project No:	**40579**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.55	0.49		0.1239
11104-28-2	**AROCLOR 1221**	**ND**	0.55	0.49		0.2280
11141-16-5	**AROCLOR 1232**	**ND**	0.55	0.49		0.1549
53469-21-9	**AROCLOR 1242**	**ND**	0.55	0.49		0.1771
12672-29-6	**AROCLOR 1248**	**ND**	0.55	0.49		0.0708
11097-69-1	**AROCLOR 1254**	**25.00**	0.55	0.49		0.0443
11096-82-5	**AROCLOR 1260**	**ND**	0.55	0.49		0.0398

%SOLIDS **90%**
Initial Wt.(gms) **10.04**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/6/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**080604**
Client ID:	**B7C1**	**Date Analyzed:**	**8/6/2004**
Lab ID:	**4057904 10X**	**DILUTION:**	**10**
Filename:	**PCB02777.D**		
Lab Project No:	**40579**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.57	0.49		0.1277
11104-28-2	**AROCLOR 1221**	**ND**	0.57	0.49		0.2349
11141-16-5	**AROCLOR 1232**	**ND**	0.57	0.49		0.1596
53469-21-9	**AROCLOR 1242**	**ND**	0.57	0.49		0.1824
12672-29-6	**AROCLOR 1248**	**ND**	0.57	0.49		0.0730
11097-69-1	**AROCLOR 1254**	**1.10**	0.57	0.49		0.0456
11096-82-5	**AROCLOR 1260**	**ND**	0.57	0.49		0.0411

%SOLIDS **87%**
Initial Wt.(gms) **10.08**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/6/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**080604**
Client ID:	**B7C1A**	**Date Analyzed:**	**8/6/2004**
Lab ID:	**4057905 10X**	**DILUTION:**	**10**
Filename:	**PCB02778.D**		
Lab Project No:	**40579**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.57	0.49		0.1266
11104-28-2	**AROCLOR 1221**	**ND**	0.57	0.49		0.2329
11141-16-5	**AROCLOR 1232**	**ND**	0.57	0.49		0.1583
53469-21-9	**AROCLOR 1242**	**ND**	0.57	0.49		0.1809
12672-29-6	**AROCLOR 1248**	**ND**	0.57	0.49		0.0724
11097-69-1	**AROCLOR 1254**	**1.50**	0.57	0.49		0.0452
11096-82-5	**AROCLOR 1260**	**ND**	0.57	0.49		0.0407

%SOLIDS	**88%**
Initial Wt.(gms)	**10.05**
Final Vol.(ml)	**10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/6/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**080604**
Client ID:	**B7C1D**	**Date Analyzed:**	**8/6/2004**
Lab ID:	**4057906 10X**	**DILUTION:**	**10**
Filename:	**PCB02779.D**		
Lab Project No:	**40579**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.60	0.49		0.1340
11104-28-2	**AROCLOR 1221**	**ND**	0.60	0.49		0.2465
11141-16-5	**AROCLOR 1232**	**ND**	0.60	0.49		0.1675
53469-21-9	**AROCLOR 1242**	**ND**	0.60	0.49		0.1914
12672-29-6	**AROCLOR 1248**	**ND**	0.60	0.49		0.0766
11097-69-1	**AROCLOR 1254**	**1.60**	0.60	0.49		0.0479
11096-82-5	**AROCLOR 1260**	**ND**	0.60	0.49		0.0431

%SOLIDS **83%**
Initial Wt.(gms) **10.07**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/6/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**080604**
Client ID:	**B7D1**	**Date Analyzed:**	**8/6/2004**
Lab ID:	**4057907 10X**	**DILUTION:**	**10**
Filename:	**PCB02780.D**		
Lab Project No:	**40579**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.57	0.49		0.1287
11104-28-2	**AROCLOR 1221**	**ND**	0.57	0.49		0.2367
11141-16-5	**AROCLOR 1232**	**ND**	0.57	0.49		0.1609
53469-21-9	**AROCLOR 1242**	**ND**	0.57	0.49		0.1838
12672-29-6	**AROCLOR 1248**	**ND**	0.57	0.49		0.0735
11097-69-1	**AROCLOR 1254**	**1.50**	0.57	0.49		0.0460
11096-82-5	**AROCLOR 1260**	**ND**	0.57	0.49		0.0414

%SOLIDS **86%**
Initial Wt.(gms) **10.12**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/6/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**080604**
Client ID:	**B7A1**	**Date Analyzed:**	**8/6/2004**
Lab ID:	**4057908 10X**	**DILUTION:**	**10**
Filename:	**PCB02781.D**		
Lab Project No:	**40579**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.56	0.49		0.1256
11104-28-2	**AROCLOR 1221**	**ND**	0.56	0.49		0.2310
11141-16-5	**AROCLOR 1232**	**ND**	0.56	0.49		0.1570
53469-21-9	**AROCLOR 1242**	**ND**	0.56	0.49		0.1794
12672-29-6	**AROCLOR 1248**	**ND**	0.56	0.49		0.0718
11097-69-1	**AROCLOR 1254**	**29.00**	0.56	0.49		0.0449
11096-82-5	**AROCLOR 1260**	**ND**	0.56	0.49		0.0404

%SOLIDS **89%**
Initial Wt.(gms) **10.02**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-4359 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 400 AREA

400 Area

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
B7A2 0-6"	4059501	Soil	12-Aug-04 10:07	08/12/04
B7A2D 0-6"	4059502	Soil	12-Aug-04 10:14	08/12/04
B7A2B 0-6"	4059503	Soil	12-Aug-04 08:23	08/12/04
B7B1A 0-6"	4059504	Soil	12-Aug-04 10:32	08/12/04
B7B1B 0-6"	4059505	Soil	12-Aug-04 10:52	08/12/04
B7B1C 0-6"	4059506	Soil	12-Aug-04 10:59	08/12/04

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
PCBs, % SOLIDS

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

8-20-04
Daniel Wright Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 081304-01

MATRIX: Soil
Date Extracted: 8/3/2004
Ext. Batch: 080304
Filename: PCB02814.D
Date Analyzed: 8/16/2004
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	MDL (mg/Kg)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Wt.(gms) 10
Final Vol.(ml) 10

COMMENTS:

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/3/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**080304**
Client ID:	**B7A2 0-6**	**Date Analyzed:**	**8/16/2004**
Lab ID:	**4059501 10X**	**DILUTION:**	**10**
Filename:	**PCB02802.D**		
Lab Project No:	**40595**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.57	0.49		0.1270
11104-28-2	**AROCLOR 1221**	**ND**	0.57	0.49		0.2336
11141-16-5	**AROCLOR 1232**	**ND**	0.57	0.49		0.1588
53469-21-9	**AROCLOR 1242**	**ND**	0.57	0.49		0.1815
12672-29-6	**AROCLOR 1248**	**ND**	0.57	0.49		0.0726
11097-69-1	**AROCLOR 1254**	**4.10**	0.57	0.49		0.0454
11096-82-5	**AROCLOR 1260**	**ND**	0.57	0.49		0.0408

%SOLIDS 88%
Initial Wt.(gms) 10.02
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/3/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**080304**
Client ID:	**B7A2 D 0-6**	**Date Analyzed:**	**8/16/2004**
Lab ID:	**4059502 10X**	**DILUTION:**	**10**
Filename:	**PCB02805.D**		
Lab Project No:	**40595**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.56	0.49		0.1244
11104-28-2	**AROCLOR 1221**	**ND**	0.56	0.49		0.2289
11141-16-5	**AROCLOR 1232**	**ND**	0.56	0.49		0.1556
53469-21-9	**AROCLOR 1242**	**ND**	0.56	0.49		0.1778
12672-29-6	**AROCLOR 1248**	**ND**	0.56	0.49		0.0711
11097-69-1	**AROCLOR 1254**	**15.00**	0.56	0.49		0.0444
11096-82-5	**AROCLOR 1260**	**ND**	0.56	0.49		0.0400

%SOLIDS 90%
Initial Wt.(gms) 10.00
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/3/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**080304**
Client ID:	**B7A2 B 0-6**	**Date Analyzed:**	**8/16/2004**
Lab ID:	**4059503 10X**	**DILUTION:**	**10**
Filename:	**PCB02806.D**		
Lab Project No:	**40595**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.55	0.49		0.1231
11104-28-2	**AROCLOR 1221**	**ND**	0.55	0.49		0.2264
11141-16-5	**AROCLOR 1232**	**ND**	0.55	0.49		0.1539
53469-21-9	**AROCLOR 1242**	**ND**	0.55	0.49		0.1758
12672-29-6	**AROCLOR 1248**	**ND**	0.55	0.49		0.0703
11097-69-1	**AROCLOR 1254**	**19.00**	0.55	0.49		0.0440
11096-82-5	**AROCLOR 1260**	**ND**	0.55	0.49		0.0396

%SOLIDS	**90%**
Initial Wt.(gms)	**10.11**
Final Vol.(ml)	**10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/3/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**080304**
Client ID:	**B7B1 A 0-6**	**Date Analyzed:**	**8/16/2004**
Lab ID:	**4059504 10X**	**DILUTION:**	**10**
Filename:	**PCB02807.D**		
Lab Project No:	**40595**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.57	0.49		0.1266
11104-28-2	**AROCLOR 1221**	**ND**	0.57	0.49		0.2329
11141-16-5	**AROCLOR 1232**	**ND**	0.57	0.49		0.1583
53469-21-9	**AROCLOR 1242**	**ND**	0.57	0.49		0.1809
12672-29-6	**AROCLOR 1248**	**ND**	0.57	0.49		0.0724
11097-69-1	**AROCLOR 1254**	**13.00**	0.57	0.49		0.0452
11096-82-5	**AROCLOR 1260**	**ND**	0.57	0.49		0.0407

%SOLIDS 88%
Initial Wt.(gms) 10.05
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**08/03/04**
Lot #.	**400 Area**	**Ext. Batch:**	**080304**
Client ID:	**B7B1 B 0-6**	**Date Analyzed:**	**08/16/04**
Lab ID:	**4059505 10X**	**DILUTION:**	**10**
Filename:	**PCB02808.D**		
Lab Project No:	**40595**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.55	0.49		0.1239
11104-28-2	**AROCLOR 1221**	**ND**	0.55	0.49		0.2278
11141-16-5	**AROCLOR 1232**	**ND**	0.55	0.49		0.1548
53469-21-9	**AROCLOR 1242**	**ND**	0.55	0.49		0.1769
12672-29-6	**AROCLOR 1248**	**ND**	0.55	0.49		0.0708
11097-69-1	**AROCLOR 1254**	**0.26**	0.55	0.49		0.0442
11096-82-5	**AROCLOR 1260**	**ND**	0.55	0.49		0.0398

%SOLIDS 89.00%
Initial Wt.(gms) 10.16
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/3/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**080304**
Client ID:	**B7B1 C 0-6**	**Date Analyzed:**	**8/16/2004**
Lab ID:	**4059506 10X**	**DILUTION:**	**10**
Filename:	**PCB02809.D**		
Lab Project No:	**40595**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.52	0.49		0.1171
11104-28-2	**AROCLOR 1221**	**ND**	0.52	0.49		0.2153
11141-16-5	**AROCLOR 1232**	**ND**	0.52	0.49		0.1463
53469-21-9	**AROCLOR 1242**	**ND**	0.52	0.49		0.1673
12672-29-6	**AROCLOR 1248**	**ND**	0.52	0.49		0.0669
11097-69-1	**AROCLOR 1254**	**0.14**	0.52	0.49		0.0418
11096-82-5	**AROCLOR 1260**	**ND**	0.52	0.49		0.0376

%SOLIDS **95%**
Initial Wt.(gms) **10.07**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
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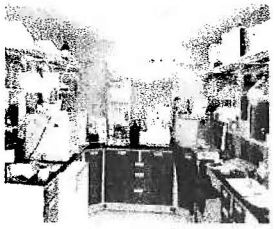
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699



ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 400 AREA

400 Area

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
B7A3 0-6"	4060901	Soil	19-Aug-04 11:07	08/19/04
B72D1 0-6"	4060902	Soil	19-Aug-04 11:15	08/19/04
B7A3A 0-6"	4060903	Soil	19-Aug-04 11:23	08/19/04
B7A3B 0-6"	4060904	Soil	19-Aug-04 11:29	08/19/04
B7A3C 0-6"	4060905	Soil	19-Aug-04 11:40	08/19/04
B7A3D 0-6"	4060906	Soil	19-Aug-04 11:45	08/19/04
B7F1 0-6"	4060907	Soil	19-Aug-04 11:52	08/19/04
Duplicate	4060908	Soil	19-Aug-04 11:52	08/19/04
B7F1A 0-6"	4060909	Soil	19-Aug-04 12:08	08/19/04
B7F1B 0-6"	4060910	Soil	19-Aug-04 12:12	08/19/04

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
PCBs, % SOLIDS

8-31-04
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 082304-01

MATRIX: Soil
Date Extracted: 8/23/2004
Ext. Batch: 082304
Filename: PCB02862.D
Date Analyzed: 8/23/2004

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	MDL (mg/Kg)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Wt.(gms) 10
Final Vol.(ml) 10

COMMENTS:

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/23/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**082304**
Client ID:	**B7A3 0-6**	**Date Analyzed:**	**8/23/2004**
Lab ID:	**4060901**	**DILUTION:**	**10**
Filename:	**PCB02864.D**		
Lab Project No:	**40306**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.54	0.49		0.1217
11104-28-2	**AROCLOR 1221**	**ND**	0.54	0.49		0.2239
11141-16-5	**AROCLOR 1232**	**ND**	0.54	0.49		0.1522
53469-21-9	**AROCLOR 1242**	**ND**	0.54	0.49		0.1739
12672-29-6	**AROCLOR 1248**	**ND**	0.54	0.49		0.0696
11097-69-1	**AROCLOR 1254**	**4.40**	0.54	0.49		0.0435
11096-82-5	**AROCLOR 1260**	**ND**	0.54	0.49		0.0391

%SOLIDS 91%
Initial Wt.(gms) 10.11
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/23/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**082304**
Client ID:	**B72D1 0-6**	**Date Analyzed:**	**8/23/2004**
Lab ID:	**4060902**	**DILUTION:**	**10**
Filename:	**PCB02867.D**		
Lab Project No:	**40306**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.60	0.49		0.1340
11104-28-2	**AROCLOR 1221**	**ND**	0.60	0.49		0.2465
11141-16-5	**AROCLOR 1232**	**ND**	0.60	0.49		0.1675
53469-21-9	**AROCLOR 1242**	**ND**	0.60	0.49		0.1914
12672-29-6	**AROCLOR 1248**	**ND**	0.60	0.49		0.0766
11097-69-1	**AROCLOR 1254**	**15.00**	0.60	0.49		0.0479
11096-82-5	**AROCLOR 1260**	**ND**	0.60	0.49		0.0431

%SOLIDS 83%
Initial Wt.(gms) 10.07
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/23/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**082304**
Client ID:	**B7A3A 0-6**	**Date Analyzed:**	**8/23/2004**
Lab ID:	**4060903**	**DILUTION:**	**10**
Filename:	**PCB02868.D**		
Lab Project No:	**40306**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.57	0.49		0.1266
11104-28-2	**AROCLOR 1221**	**ND**	0.57	0.49		0.2329
11141-16-5	**AROCLOR 1232**	**ND**	0.57	0.49		0.1583
53469-21-9	**AROCLOR 1242**	**ND**	0.57	0.49		0.1809
12672-29-6	**AROCLOR 1248**	**ND**	0.57	0.49		0.0724
11097-69-1	**AROCLOR 1254**	**5.00**	0.57	0.49		0.0452
11096-82-5	**AROCLOR 1260**	**ND**	0.57	0.49		0.0407

%SOLIDS	**88%**
Initial Wt.(gms)	**10.05**
Final Vol.(ml)	**10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/23/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**082304**
Client ID:	**B7A3B 0-6**	**Date Analyzed:**	**8/23/2004**
Lab ID:	**4060904**	**DILUTION:**	**10**
Filename:	**PCB02869.D**		
Lab Project No:	**40306**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.59	0.49		0.1315
11104-28-2	**AROCLOR 1221**	**ND**	0.59	0.49		0.2419
11141-16-5	**AROCLOR 1232**	**ND**	0.59	0.49		0.1644
53469-21-9	**AROCLOR 1242**	**ND**	0.59	0.49		0.1879
12672-29-6	**AROCLOR 1248**	**ND**	0.59	0.49		0.0751
11097-69-1	**AROCLOR 1254**	**16.00**	0.59	0.49		0.0470
11096-82-5	**AROCLOR 1260**	**ND**	0.59	0.49		0.0423

%SOLIDS **85%**
Initial Wt.(gms) **10.02**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/23/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**082304**
Client ID:	**B7A3C 0-6**	**Date Analyzed:**	**8/23/2004**
Lab ID:	**4060905**	**DILUTION:**	**10**
Filename:	**PCB02870.D**		
Lab Project No:	**40306**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.59	0.49		0.1332
11104-28-2	**AROCLOR 1221**	**ND**	0.59	0.49		0.2450
11141-16-5	**AROCLOR 1232**	**ND**	0.59	0.49		0.1665
53469-21-9	**AROCLOR 1242**	**ND**	0.59	0.49		0.1903
12672-29-6	**AROCLOR 1248**	**ND**	0.59	0.49		0.0761
11097-69-1	**AROCLOR 1254**	**15.00**	0.59	0.49		0.0476
11096-82-5	**AROCLOR 1260**	**ND**	0.59	0.49		0.0428

%SOLIDS 84%
Initial Wt.(gms) 10.01
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/23/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**082304**
Client ID:	**B7A3D 0-6**	**Date Analyzed:**	**8/23/2004**
Lab ID:	**4060906**	**DILUTION:**	**10**
Filename:	**PCB02871.D**		
Lab Project No:	**40306**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.59	0.49		0.1324
11104-28-2	**AROCLOR 1221**	**ND**	0.59	0.49		0.2435
11141-16-5	**AROCLOR 1232**	**ND**	0.59	0.49		0.1655
53469-21-9	**AROCLOR 1242**	**ND**	0.59	0.49		0.1892
12672-29-6	**AROCLOR 1248**	**ND**	0.59	0.49		0.0757
11097-69-1	**AROCLOR 1254**	**4.00**	0.59	0.49		0.0473
11096-82-5	**AROCLOR 1260**	**ND**	0.59	0.49		0.0426

%SOLIDS 84%
Initial Wt.(gms) 10.07
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/23/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**082304**
Client ID:	**B7F1 0-6**	**Date Analyzed:**	**8/23/2004**
Lab ID:	**4060907**	**DILUTION:**	**10**
Filename:	**PCB02872.D**		
Lab Project No:	**40306**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.55	0.49		0.1233
11104-28-2	**AROCLOR 1221**	**ND**	0.55	0.49		0.2268
11141-16-5	**AROCLOR 1232**	**ND**	0.55	0.49		0.1542
53469-21-9	**AROCLOR 1242**	**ND**	0.55	0.49		0.1762
12672-29-6	**AROCLOR 1248**	**ND**	0.55	0.49		0.0705
11097-69-1	**AROCLOR 1254**	**16.00**	0.55	0.49		0.0440
11096-82-5	**AROCLOR 1260**	**ND**	0.55	0.49		0.0396

%SOLIDS 90%
Initial Wt.(gms) 10.09
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/23/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**082304**
Client ID:	**Dupe**	**Date Analyzed:**	**8/23/2004**
Lab ID:	**4060908**	**DILUTION:**	**10**
Filename:	**PCB02873.D**		
Lab Project No:	**40306**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.55	0.49		0.1226
11104-28-2	**AROCLOR 1221**	**ND**	0.55	0.49		0.2255
11141-16-5	**AROCLOR 1232**	**ND**	0.55	0.49		0.1532
53469-21-9	**AROCLOR 1242**	**ND**	0.55	0.49		0.1751
12672-29-6	**AROCLOR 1248**	**ND**	0.55	0.49		0.0700
11097-69-1	**AROCLOR 1254**	**15.00**	0.55	0.49		0.0438
11096-82-5	**AROCLOR 1260**	**ND**	0.55	0.49		0.0394

%SOLIDS **91%**
Initial Wt.(gms) **10.04**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/23/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**082304**
Client ID:	**B7F1A 0-6**	**Date Analyzed:**	**8/23/2004**
Lab ID:	**4060909**	**DILUTION:**	**10**
Filename:	**PCB02874.D**		
Lab Project No:	**40306**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.58	0.49		0.1306
11104-28-2	**AROCLOR 1221**	**ND**	0.58	0.49		0.2402
11141-16-5	**AROCLOR 1232**	**ND**	0.58	0.49		0.1632
53469-21-9	**AROCLOR 1242**	**ND**	0.58	0.49		0.1866
12672-29-6	**AROCLOR 1248**	**ND**	0.58	0.49		0.0746
11097-69-1	**AROCLOR 1254**	**0.21**	0.58	0.49		0.0466
11096-82-5	**AROCLOR 1260**	**ND**	0.58	0.49		0.0420

%SOLIDS 85%
Initial Wt.(gms) 10.09
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/23/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**082304**
Client ID:	**B7F1B 0-6**	**Date Analyzed:**	**8/23/2004**
Lab ID:	**4060910**	**DILUTION:**	**10**
Filename:	**PCB02875.D**		
Lab Project No:	**40306**	**Analyst:**	**A.A.**

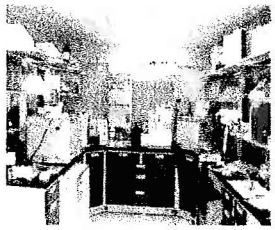
CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.58	0.49		0.1297
11104-28-2	**AROCLOR 1221**	**ND**	0.58	0.49		0.2386
11141-16-5	**AROCLOR 1232**	**ND**	0.58	0.49		0.1621
53469-21-9	**AROCLOR 1242**	**ND**	0.58	0.49		0.1853
12672-29-6	**AROCLOR 1248**	**ND**	0.58	0.49		0.0741
11097-69-1	**AROCLOR 1254**	**0.17**	0.58	0.49		0.0463
11096-82-5	**AROCLOR 1260**	**ND**	0.58	0.49		0.0417

%SOLIDS 86%
Initial Wt.(gms) 10.04
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-4359 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699



ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 400 AREA

400 Area

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
B4B 0-6"	4063101	Soil	26-Aug-04 10:55	08/26/04
B4D 0-6"	4063102	Soil	26-Aug-04 11:00	08/26/04
B4D1 0-6"	4063103	Soil	26-Aug-04 11:03	08/26/04
B4D2 0-6"	4063104	Soil	26-Aug-04 11:07	08/26/04
B4D3 0-6"	4063105	Soil	26-Aug-04 11:13	08/26/04
B4D4 0-6"	4063106	Soil	26-Aug-04 11:19	08/26/04
B4D5 0-6"	4063107	Soil	26-Aug-04 11:24	08/26/04
B4B1 0-6"	4063108	Soil	26-Aug-04 11:37	08/26/04

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
PCBs, % SOLIDS

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

9-7-04
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

PCBs

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 082704-01

MATRIX: Soil
Date Extracted: 8/27/2004
Ext. Batch: 082704
Filename: PCB02882.D
Date Analyzed: 8/27/2004
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	MDL (mg/Kg)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Wt.(gms) 10
Final Vol.(ml) 10

COMMENTS:

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/27/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**082704**
Client ID:	**B4B 0-6**	**Date Analyzed:**	**8/27/2004**
Lab ID:	**4063101 10X**	**DILUTION:**	**10**
Filename:	**PCB02884.D**		
Lab Project No:	**40631**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.56	0.49		0.1258
11104-28-2	**AROCLOR 1221**	**ND**	0.56	0.49		0.2315
11141-16-5	**AROCLOR 1232**	**ND**	0.56	0.49		0.1573
53469-21-9	**AROCLOR 1242**	**ND**	0.56	0.49		0.1798
12672-29-6	**AROCLOR 1248**	**ND**	0.56	0.49		0.0719
11097-69-1	**AROCLOR 1254**	**7.40**	0.56	0.49		0.0449
11096-82-5	**AROCLOR 1260**	**ND**	0.56	0.49		0.0404

%SOLIDS **89%**
Initial Wt.(gms) **10.00**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/27/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**082704**
Client ID:	**B4D 0-6**	**Date Analyzed:**	**8/27/2004**
Lab ID:	**4063102 10X**	**DILUTION:**	**10**
Filename:	**PCB02887.D**		
Lab Project No:	**40631**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.58	0.49		0.1295
11104-28-2	**AROCLOR 1221**	**ND**	0.58	0.49		0.2381
11141-16-5	**AROCLOR 1232**	**ND**	0.58	0.49		0.1618
53469-21-9	**AROCLOR 1242**	**ND**	0.58	0.49		0.1849
12672-29-6	**AROCLOR 1248**	**ND**	0.58	0.49		0.0740
11097-69-1	**AROCLOR 1254**	**2.40**	0.58	0.49		0.0462
11096-82-5	**AROCLOR 1260**	**ND**	0.58	0.49		0.0416

%SOLIDS **86%**
Initial Wt.(gms) **10.06**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/27/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**082704**
Client ID:	**B4D1 0-6**	**Date Analyzed:**	**8/27/2004**
Lab ID:	**4063103 10X**	**DILUTION:**	**10**
Filename:	**PCB02888.D**		
Lab Project No:	**40631**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.58	0.49		0.1302
11104-28-2	**AROCLOR 1221**	**ND**	0.58	0.49		0.2395
11141-16-5	**AROCLOR 1232**	**ND**	0.58	0.49		0.1628
53469-21-9	**AROCLOR 1242**	**ND**	0.58	0.49		0.1860
12672-29-6	**AROCLOR 1248**	**ND**	0.58	0.49		0.0744
11097-69-1	**AROCLOR 1254**	**0.84**	0.58	0.49		0.0465
11096-82-5	**AROCLOR 1260**	**ND**	0.58	0.49		0.0419

%SOLIDS 85%
Initial Wt.(gms) 10.12
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/27/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**082704**
Client ID:	**B4D2 0-6**	**Date Analyzed:**	**8/27/2004**
Lab ID:	**4063104 10X**	**DILUTION:**	**10**
Filename:	**PCB02889.D**		
Lab Project No:	**40631**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.55	0.49		0.1231
11104-28-2	**AROCLOR 1221**	**ND**	0.55	0.49		0.2264
11141-16-5	**AROCLOR 1232**	**ND**	0.55	0.49		0.1539
53469-21-9	**AROCLOR 1242**	**ND**	0.55	0.49		0.1758
12672-29-6	**AROCLOR 1248**	**ND**	0.55	0.49		0.0703
11097-69-1	**AROCLOR 1254**	**1.80**	0.55	0.49		0.0440
11096-82-5	**AROCLOR 1260**	**ND**	0.55	0.49		0.0396

%SOLIDS **90%**
Initial Wt.(gms) **10.11**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/27/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**082704**
Client ID:	**B4D3 0-6**	**Date Analyzed:**	**8/27/2004**
Lab ID:	**4063105 10X**	**DILUTION:**	**10**
Filename:	**PCB02890.D**		
Lab Project No:	**40631**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.56	0.49		0.1255
11104-28-2	**AROCLOR 1221**	**ND**	0.56	0.49		0.2308
11141-16-5	**AROCLOR 1232**	**ND**	0.56	0.49		0.1568
53469-21-9	**AROCLOR 1242**	**ND**	0.56	0.49		0.1792
12672-29-6	**AROCLOR 1248**	**ND**	0.56	0.49		0.0717
11097-69-1	**AROCLOR 1254**	**9.80**	0.56	0.49		0.0448
11096-82-5	**AROCLOR 1260**	**ND**	0.56	0.49		0.0403

%SOLIDS **89%**
Initial Wt.(gms) **10.03**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/27/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**082704**
Client ID:	**B4D4 0-6**	**Date Analyzed:**	**8/27/2004**
Lab ID:	**4063106 10X**	**DILUTION:**	**10**
Filename:	**PCB02891.D**		
Lab Project No:	**40631**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.55	0.49		0.1230
11104-28-2	**AROCLOR 1221**	**ND**	0.55	0.49		0.2261
11141-16-5	**AROCLOR 1232**	**ND**	0.55	0.49		0.1537
53469-21-9	**AROCLOR 1242**	**ND**	0.55	0.49		0.1756
12672-29-6	**AROCLOR 1248**	**ND**	0.55	0.49		0.0703
11097-69-1	**AROCLOR 1254**	**5.50**	0.55	0.49		0.0439
11096-82-5	**AROCLOR 1260**	**ND**	0.55	0.49		0.0395

%SOLIDS 91%
Initial Wt.(gms) 10.01
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/27/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**082704**
Client ID:	**B4D5 0-6**	**Date Analyzed:**	**8/27/2004**
Lab ID:	**4063107 10X**	**DILUTION:**	**10**
Filename:	**PCB02892.D**		
Lab Project No:	**40631**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.56	0.49		0.1251
11104-28-2	**AROCLOR 1221**	**ND**	0.56	0.49		0.2302
11141-16-5	**AROCLOR 1232**	**ND**	0.56	0.49		0.1564
53469-21-9	**AROCLOR 1242**	**ND**	0.56	0.49		0.1788
12672-29-6	**AROCLOR 1248**	**ND**	0.56	0.49		0.0715
11097-69-1	**AROCLOR 1254**	**10.00**	0.56	0.49		0.0447
11096-82-5	**AROCLOR 1260**	**ND**	0.56	0.49		0.0402

%SOLIDS **88%**
Initial Wt.(gms) **10.17**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**8/27/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**082704**
Client ID:	**B4B1 0-6**	**Date Analyzed:**	**8/27/2004**
Lab ID:	**4063108 10X**	**DILUTION:**	**10**
Filename:	**PCB02893.D**		
Lab Project No:	**40631**	**Analyst:**	**A.A.**

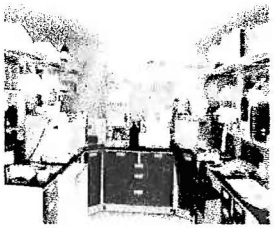
CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.58	0.49		0.1292
11104-28-2	**AROCLOR 1221**	**ND**	0.58	0.49		0.2376
11141-16-5	**AROCLOR 1232**	**ND**	0.58	0.49		0.1615
53469-21-9	**AROCLOR 1242**	**ND**	0.58	0.49		0.1845
12672-29-6	**AROCLOR 1248**	**ND**	0.58	0.49		0.0738
11097-69-1	**AROCLOR 1254**	**0.32**	0.58	0.49		0.0461
11096-82-5	**AROCLOR 1260**	**ND**	0.58	0.49		0.0415

%SOLIDS **85%**
Initial Wt.(gms) **10.20**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-4359 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699



ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 400 AREA

400 Area

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
B4A 0-6"	4064901	Soil	08-Sep-04 10:10	09/08/04
B4A1 0-6"	4064902	Soil	08-Sep-04 10:16	09/08/04
B5B 0-6"	4064903	Soil	08-Sep-04 10:21	09/08/04
B5C 0-6"	4064904	Soil	08-Sep-04 10:27	09/08/04
B8A 0-6"	4064905	Soil	08-Sep-04 10:33	09/08/04
B8B 0-6"	4064906	Soil	08-Sep-04 10:40	09/08/04

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
PCBs, % SOLIDS

9-14-04
Daniel Wright Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

PCBs

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 090904-01

MATRIX: Soil
Date Extracted: 9/9/2004
Ext. Batch: 090904
Filename: PCB02963.D
Date Analyzed: 9/9/2004
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	MDL (mg/Kg)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Wt.(gms) 10
Final Vol.(ml) 10

COMMENTS:

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**9/9/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**090904**
Client ID:	**B4A 0-6**	**Date Analyzed:**	**9/9/2004**
Lab ID:	**4064901 10X**	**DILUTION:**	**10**
Filename:	**PCB02965.D**		
Lab Project No:	**40649**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.60	0.49		0.1350
11104-28-2	**AROCLOR 1221**	**ND**	0.60	0.49		0.2482
11141-16-5	**AROCLOR 1232**	**ND**	0.60	0.49		0.1687
53469-21-9	**AROCLOR 1242**	**ND**	0.60	0.49		0.1928
12672-29-6	**AROCLOR 1248**	**ND**	0.60	0.49		0.0771
11097-69-1	**AROCLOR 1254**	**1.30**	0.60	0.49		0.0482
11096-82-5	**AROCLOR 1260**	**ND**	0.60	0.49		0.0434

%SOLIDS 82%
Initial Wt.(gms) 10.12
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**9/9/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**090904**
Client ID:	**B4A1 0-6**	**Date Analyzed:**	**9/9/2004**
Lab ID:	**4064902 10X**	**DILUTION:**	**10**
Filename:	**PCB02968.D**		
Lab Project No:	**40649**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.63	0.49		0.1413
11104-28-2	**AROCLOR 1221**	**ND**	0.63	0.49		0.2600
11141-16-5	**AROCLOR 1232**	**ND**	0.63	0.49		0.1767
53469-21-9	**AROCLOR 1242**	**ND**	0.63	0.49		0.2019
12672-29-6	**AROCLOR 1248**	**ND**	0.63	0.49		0.0808
11097-69-1	**AROCLOR 1254**	**1.20**	0.63	0.49		0.0505
11096-82-5	**AROCLOR 1260**	**ND**	0.63	0.49		0.0454

%SOLIDS **79%**
Initial Wt.(gms) **10.03**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**9/9/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**090904**
Client ID:	**B5B 0-6**	**Date Analyzed:**	**9/9/2004**
Lab ID:	**4064903 10X**	**DILUTION:**	**10**
Filename:	**PCB02969.D**		
Lab Project No:	**40649**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.56	0.49		0.1253
11104-28-2	**AROCLOR 1221**	**ND**	0.56	0.49		0.2305
11141-16-5	**AROCLOR 1232**	**ND**	0.56	0.49		0.1567
53469-21-9	**AROCLOR 1242**	**ND**	0.56	0.49		0.1791
12672-29-6	**AROCLOR 1248**	**ND**	0.56	0.49		0.0716
11097-69-1	**AROCLOR 1254**	**0.64**	0.56	0.49		0.0448
11096-82-5	**AROCLOR 1260**	**ND**	0.56	0.49		0.0403

%SOLIDS 89%
Initial Wt.(gms) 10.04
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**9/9/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**090904**
Client ID:	**B5C 0-6**	**Date Analyzed:**	**9/9/2004**
Lab ID:	**4064904 10X**	**DILUTION:**	**10**
Filename:	**PCB02970.D**		
Lab Project No:	**40649**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.57	0.49		0.1268
11104-28-2	**AROCLOR 1221**	**ND**	0.57	0.49		0.2332
11141-16-5	**AROCLOR 1232**	**ND**	0.57	0.49		0.1585
53469-21-9	**AROCLOR 1242**	**ND**	0.57	0.49		0.1811
12672-29-6	**AROCLOR 1248**	**ND**	0.57	0.49		0.0724
11097-69-1	**AROCLOR 1254**	**0.39**	0.57	0.49		0.0453
11096-82-5	**AROCLOR 1260**	**ND**	0.57	0.49		0.0407

%SOLIDS 88%
Initial Wt.(gms) 10.04
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**9/9/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**090904**
Client ID:	**B8A 0-6**	**Date Analyzed:**	**9/9/2004**
Lab ID:	**4064905 10X**	**DILUTION:**	**10**
Filename:	**PCB02971.D**		
Lab Project No:	**40649**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.55	0.49		0.1233
11104-28-2	**AROCLOR 1221**	**ND**	0.55	0.49		0.2268
11141-16-5	**AROCLOR 1232**	**ND**	0.55	0.49		0.1542
53469-21-9	**AROCLOR 1242**	**ND**	0.55	0.49		0.1762
12672-29-6	**AROCLOR 1248**	**ND**	0.55	0.49		0.0705
11097-69-1	**AROCLOR 1254**	**0.51**	0.55	0.49		0.0440
11096-82-5	**AROCLOR 1260**	**ND**	0.55	0.49		0.0396

%SOLIDS **90%**
Initial Wt.(gms) **10.09**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**9/9/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**090904**
Client ID:	**B8B 0-6**	**Date Analyzed:**	**9/9/2004**
Lab ID:	**4064906 10X**	**DILUTION:**	**10**
Filename:	**PCB02972.D**		
Lab Project No:	**40649**	**Analyst:**	**A.A.**

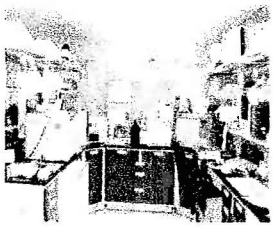
CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.58	0.49		0.1300
11104-28-2	**AROCLOR 1221**	**ND**	0.58	0.49		0.2391
11141-16-5	**AROCLOR 1232**	**ND**	0.58	0.49		0.1625
53469-21-9	**AROCLOR 1242**	**ND**	0.58	0.49		0.1857
12672-29-6	**AROCLOR 1248**	**ND**	0.58	0.49		0.0743
11097-69-1	**AROCLOR 1254**	**3.80**	0.58	0.49		0.0464
11096-82-5	**AROCLOR 1260**	**ND**	0.58	0.49		0.0418

%SOLIDS 86%
Initial Wt.(gms) 10.02
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-4359 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699



ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 400 AREA

400 Area

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
400B6-PX1	4072901	Soil	20-Oct-04 13:10	10/20/04
400B15-PX1	4072902	Soil	20-Oct-04 14:40	10/20/04
400B15-PX2	4072903	Soil	20-Oct-04 14:55	10/20/04
400B15-Duplicate	4072904	Soil	20-Oct-04 14:40	10/20/04
400B14-PX1	4073001	Soil	21-Oct-04 13:38	10/21/04
400B14-PX2	4073002	Soil	21-Oct-04 13:52	10/21/04
400B10-PX1	4073003	Soil	21-Oct-04 14:15	10/21/04

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
BN+15, % SOLIDS

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

10-26-04
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

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FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
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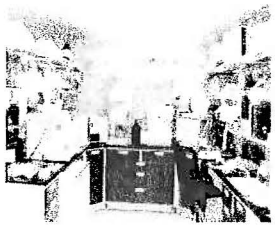
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699



ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 400 AREA

400 Area

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
400B7-PX1	4074001	Soil	25-Oct-04 09:30	10/25/04
400B7-PX2	4074002	Soil	25-Oct-04 09:45	10/25/04
400B7-PX3	4074003	Soil	25-Oct-04 10:05	10/25/04
400B7-PX4	4074004	Soil	25-Oct-04 10:20	10/25/04
400B7-PX5	4074005	Soil	25-Oct-04 10:30	10/25/04
400B7-PX6	4074006	Soil	25-Oct-04 11:30	10/25/04
400B7-PX7	4074007	Soil	25-Oct-04 13:30	10/25/04
400B7-PX8	4074008	Soil	25-Oct-04 13:40	10/25/04
Duplicate	4074009	Soil	25-Oct-04 10:05	10/25/04

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
PCBs, % SOLIDS

10-27-04
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

PCBs

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 102604-01

MATRIX: Soil
Date Extracted: 10/26/2004
Ext. Batch: 102604
Filename: PCB03225.D
Date Analyzed: 10/26/2004
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	MDL (mg/Kg)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Wt.(gms) 10
Final Vol.(ml) 10

COMMENTS:

000011

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**10/26/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**102604**
Client ID:	**400B7 - PX1**	**Date Analyzed:**	**10/26/2004**
Lab ID:	**4074001**	**DILUTION:**	**1**
Filename:	**PCB03227.D**		
Lab Project No:	**40740**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0133
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0245
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0167
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0191
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0076
11097-69-1	**AROCLOR 1254**	**0.47**	0.06	0.49		0.0048
11096-82-5	**AROCLOR 1260**	**ND**	0.06	0.49		0.0043

%SOLIDS	**84%**
Initial Wt.(gms)	**9.99**
Final Vol.(ml)	**10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**10/26/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**102604**
Client ID:	**400B7 - PX2**	**Date Analyzed:**	**10/26/2004**
Lab ID:	**4074002**	**DILUTION:**	**1**
Filename:	**PCB03230.D**		
Lab Project No:	**40740**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0134
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0247
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0168
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0192
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0077
11097-69-1	**AROCLOR 1254**	**0.35**	0.06	0.49		0.0048
11096-82-5	**AROCLOR 1260**	**ND**	0.06	0.49		0.0043

%SOLIDS **83%**
Initial Wt.(gms) **10.05**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**10/26/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**102604**
Client ID:	**400B7 - PX3**	**Date Analyzed:**	**10/26/2004**
Lab ID:	**4074003**	**DILUTION:**	**1**
Filename:	**PCB03231.D**		
Lab Project No:	**40740**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0134
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0247
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0168
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0192
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0077
11097-69-1	**AROCLOR 1254**	**0.07**	0.06	0.49		0.0048
11096-82-5	**AROCLOR 1260**	**ND**	0.06	0.49		0.0043

%SOLIDS 83%
Initial Wt.(gms) 10.05
Final Vol.(ml) 10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**10/26/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**102604**
Client ID:	**400B7 - PX4**	**Date Analyzed:**	**10/26/2004**
Lab ID:	**4074004**	**DILUTION:**	**1**
Filename:	**PCB03232.D**		
Lab Project No:	**40740**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0132
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0242
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0164
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0188
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0075
11097-69-1	**AROCLOR 1254**	**0.06**	0.06	0.49		0.0047
11096-82-5	**AROCLOR 1260**	**ND**	0.06	0.49		0.0042

%SOLIDS **85%**
Initial Wt.(gms) **10.02**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**10/26/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**102604**
Client ID:	**400B7 - PX5**	**Date Analyzed:**	**10/26/2004**
Lab ID:	**4074005**	**DILUTION:**	**1**
Filename:	**PCB03233.D**		
Lab Project No:	**40740**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0133
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0245
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0167
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0190
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0076
11097-69-1	**AROCLOR 1254**	**0.36**	0.06	0.49		0.0048
11096-82-5	**AROCLOR 1260**	**ND**	0.06	0.49		0.0043

%SOLIDS **84%**
Initial Wt.(gms) **10.01**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**10/26/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**102604**
Client ID:	**400B7 - PX6**	**Date Analyzed:**	**10/26/2004**
Lab ID:	**4074006**	**DILUTION:**	**1**
Filename:	**PCB03234.D**		
Lab Project No:	**40740**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0131
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0240
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0163
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0187
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0075
11097-69-1	**AROCLOR 1254**	**1.00**	0.06	0.49		0.0047
11096-82-5	**AROCLOR 1260**	**ND**	0.06	0.49		0.0042

%SOLIDS **85%**
Initial Wt.(gms) **10.08**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**10/26/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**102604**
Client ID:	**400B7 - PX7**	**Date Analyzed:**	**10/26/2004**
Lab ID:	**4074007**	**DILUTION:**	**1**
Filename:	**PCB03235.D**		
Lab Project No:	**40740**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0128
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0235
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0160
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0183
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0073
11097-69-1	**AROCLOR 1254**	**1.70**	0.06	0.49		0.0046
11096-82-5	**AROCLOR 1260**	**ND**	0.06	0.49		0.0041

%SOLIDS **87%**
Initial Wt.(gms) **10.07**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**10/26/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**102604**
Client ID:	**400B7 - PX8**	**Date Analyzed:**	**10/26/2004**
Lab ID:	**4074008**	**DILUTION:**	**1**
Filename:	**PCB03236.D**		
Lab Project No:	**40740**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0130
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0239
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0162
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0185
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0074
11097-69-1	**AROCLOR 1254**	**0.07**	0.06	0.49		0.0046
11096-82-5	**AROCLOR 1260**	**ND**	0.06	0.49		0.0042

%SOLIDS **86%**
Initial Wt.(gms) **10.03**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**400 Area**	**Date Extracted:**	**10/26/2004**
Lot #.	**400 Area**	**Ext. Batch:**	**102604**
Client ID:	**Duplicate**	**Date Analyzed:**	**10/26/2004**
Lab ID:	**4074009**	**DILUTION:**	**1**
Filename:	**PCB03237.D**		
Lab Project No:	**40740**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0136
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0251
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0170
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0195
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0078
11097-69-1	**AROCLOR 1254**	**1.20**	0.06	0.49		0.0049
11096-82-5	**AROCLOR 1260**	**ND**	0.06	0.49		0.0044

%SOLIDS **82%**
Initial Wt.(gms) **10.02**
Final Vol.(ml) **10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS

PHONE: (732) 532-4359 FAX: (732) 532-6263

WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 400 AREA

400 Area

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
400B15-PX3	4076601	Soil	04-Nov-04 09:00	11/04/04

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
BN+15, % SOLIDS

11-10-04

Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

PCBs

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 091604-01

MATRIX: Soil
Date Extracted: 9/16/2004
Ext. Batch: 091604
Filename: PCB03006.D
Date Analyzed: 9/16/2004
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	MDL (mg/Kg)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Wt.(gms) 10
Final Vol.(ml) 10

COMMENTS:

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.		**MATRIX:** Soil
Location:	400 Area		**Date Extracted:** 9/16/2004
Lot #.	400 Area		**Ext. Batch:** 091604
Client ID:	B8B1 0-6		**Date Analyzed:** 9/16/2004
Lab ID:	4066401		**DILUTION:** 1
Filename:	PCB03008.D		
Lab Project No:	40664		**Analyst:** A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	AROCLOR 1016	ND	0.05	0.49		0.0120
11104-28-2	AROCLOR 1221	ND	0.05	0.49		0.0221
11141-16-5	AROCLOR 1232	ND	0.05	0.49		0.0150
53469-21-9	AROCLOR 1242	ND	0.05	0.49		0.0172
12672-29-6	AROCLOR 1248	ND	0.05	0.49		0.0069
11097-69-1	AROCLOR 1254	0.33	0.05	0.49		0.0043
11096-82-5	AROCLOR 1260	ND	0.05	0.49		0.0039

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

%SOLIDS	93%
Initial Wt.(gms)	10.01
Final Vol.(ml)	10.00

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.	**MATRIX:**	Soil
Location:	400 Area	**Date Extracted:**	9/16/2004
Lot #.	400 Area	**Ext. Batch:**	091604
Client ID:	B8B2 0-6	**Date Analyzed:**	9/16/2004
Lab ID:	4066402	**DILUTION:**	1
Filename:	PCB03011.D		
Lab Project No:	40664	**Analyst:**	A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	AROCLOR 1016	ND	0.05	0.49		0.0122
11104-28-2	AROCLOR 1221	ND	0.05	0.49		0.0224
11141-16-5	AROCLOR 1232	ND	0.05	0.49		0.0152
53469-21-9	AROCLOR 1242	ND	0.05	0.49		0.0174
12672-29-6	AROCLOR 1248	ND	0.05	0.49		0.0070
11097-69-1	AROCLOR 1254	0.44	0.05	0.49		0.0043
11096-82-5	AROCLOR 1260	ND	0.05	0.49		0.0039

%SOLIDS	92%
Initial Wt.(gms)	10.00
Final Vol.(ml)	10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

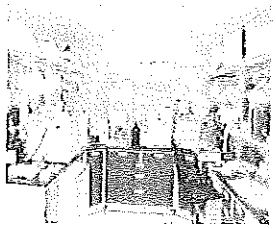
FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS

PHONE: (732) 532-4359 FAX: (732) 532-6263

WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

CERTIFICATIONS: NJDEP #13461, NYSDOH #11699



ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: BLDG. 121

Bldg. 121

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
B1	5020001	Soil	13-April-05 14:22	04/13/05
B2	5020002	Soil	13-April-05 14:31	04/13/05
B3	5020003	Soil	13-April-05 14:44	04/13/05
B4	5020004	Soil	13-April-05 14:53	04/13/05
B5	5020005	Soil	13-April-05 15:03	04/13/05
B6	5020006	Soil	13-April-05 15:12	04/13/05
B7	5020007	Soil	13-April-05 15:22	04/13/05
B8	5020008	Soil	13-April-05 15:28	04/13/05
B9	5020009	Soil	13-April-05 15:34	04/13/05

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
PCBs, % SOLIDS

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

4-15-05
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

PCBs

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 041405-01

MATRIX: Soil
Date Extracted: 4/14/2005
Ext. Batch: 041405
Filename: PCB00538.D
Date Analyzed: 4/14/2005

Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	MDL (mg/Kg)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Wt.(gms) 10
Final Vol.(ml) 10

COMMENTS:

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.	**MATRIX:**	Soil
Location:	Bldg. 121	**Date Extracted:**	4/14/2005
Lot #.	Bldg. 121	**Ext. Batch:**	041405
Client ID:	B1	**Date Analyzed:**	4/14/2005
Lab ID:	5020001	**DILUTION:**	1
Filename:	PCB00550.D		
Lab Project No:	50200	**Analyst:**	A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	AROCLOR 1016	ND	0.07	0.49		0.0505
11104-28-2	AROCLOR 1221	ND	0.07	0.49		0.0854
11141-16-5	AROCLOR 1232	ND	0.07	0.49		0.0589
53469-21-9	AROCLOR 1242	ND	0.07	0.49		0.0848
12672-29-6	AROCLOR 1248	ND	0.07	0.49		0.0436
11097-69-1	AROCLOR 1254	ND	0.07	0.49		0.0422
11096-82-5	AROCLOR 1260	0.200	0.07	0.49		0.0146

%SOLIDS	76%
Initial Wt.(gms)	10.01
Final Vol.(ml)	10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**Bldg. 121**	**Date Extracted:**	**4/14/2005**
Lot #.	**Bldg. 121**	**Ext. Batch:**	**041405**
Client ID:	**B2**	**Date Analyzed:**	**4/14/2005**
Lab ID:	**5020002**	**DILUTION:**	**1**
Filename:	**PCB00542.D**		
Lab Project No:	**50200**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0482
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0816
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0563
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0810
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0417
11097-69-1	**AROCLOR 1254**	**ND**	0.06	0.49		0.0403
11096-82-5	**AROCLOR 1260**	**2.800**	0.06	0.49		0.0139

%SOLIDS	79%
Initial Wt.(gms)	10.08
Final Vol.(ml)	10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.	**MATRIX:**	Soil
Location:	Bldg. 121	**Date Extracted:**	4/14/2005
Lot #.	Bldg. 121	**Ext. Batch:**	041405
Client ID:	B3	**Date Analyzed:**	4/14/2005
Lab ID:	5020003	**DILUTION:**	1
Filename:	PCB00543.D		
Lab Project No:	50200	**Analyst:**	A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	AROCLOR 1016	ND	0.06	0.49		0.0477
11104-28-2	AROCLOR 1221	ND	0.06	0.49		0.0807
11141-16-5	AROCLOR 1232	ND	0.06	0.49		0.0556
53469-21-9	AROCLOR 1242	ND	0.06	0.49		0.0801
12672-29-6	AROCLOR 1248	ND	0.06	0.49		0.0412
11097-69-1	AROCLOR 1254	ND	0.06	0.49		0.0398
11096-82-5	AROCLOR 1260	0.150	0.06	0.49		0.0138

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

%SOLIDS	80%
Initial Wt.(gms)	10.07
Final Vol.(ml)	10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.	MATRIX:	Soil
Location:	Bldg. 121	Date Extracted:	4/14/2005
Lot #.	Bldg. 121	Ext. Batch:	041405
Client ID:	B4	Date Analyzed:	4/14/2005
Lab ID:	5020004	DILUTION:	1
Filename:	PCB00544.D		
Lab Project No:	50200	Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	AROCLOR 1016	ND	0.06	0.49		0.0498
11104-28-2	AROCLOR 1221	ND	0.06	0.49		0.0843
11141-16-5	AROCLOR 1232	ND	0.06	0.49		0.0581
53469-21-9	AROCLOR 1242	ND	0.06	0.49		0.0837
12672-29-6	AROCLOR 1248	ND	0.06	0.49		0.0431
11097-69-1	AROCLOR 1254	ND	0.06	0.49		0.0416
11096-82-5	AROCLOR 1260	1.500	0.06	0.49		0.0144

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

%SOLIDS	77%
Initial Wt.(gms)	10.01
Final Vol.(ml)	10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.	MATRIX:	Soil
Location:	Bldg. 121	Date Extracted:	4/14/2005
Lot #.	Bldg. 121	Ext. Batch:	041405
Client ID:	B5	Date Analyzed:	4/14/2005
Lab ID:	5020005	DILUTION:	1
Filename:	PCB00545.D		
Lab Project No:	50200	Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	AROCLOR 1016	ND	0.06	0.49		0.0474
11104-28-2	AROCLOR 1221	ND	0.06	0.49		0.0802
11141-16-5	AROCLOR 1232	ND	0.06	0.49		0.0553
53469-21-9	AROCLOR 1242	ND	0.06	0.49		0.0796
12672-29-6	AROCLOR 1248	ND	0.06	0.49		0.0409
11097-69-1	AROCLOR 1254	ND	0.06	0.49		0.0396
11096-82-5	AROCLOR 1260	0.390	0.06	0.49		0.0137

%SOLIDS	81%
Initial Wt.(gms)	10.01
Final Vol.(ml)	10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.	MATRIX:	Soil
Location:	Bldg. 121	Date Extracted:	4/14/2005
Lot #.	Bldg. 121	Ext. Batch:	041405
Client ID:	B6	Date Analyzed:	4/14/2005
Lab ID:	5020006	DILUTION:	1
Filename:	PCB00546.D		
Lab Project No:	50200	Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	AROCLOR 1016	ND	0.06	0.49		0.0467
11104-28-2	AROCLOR 1221	ND	0.06	0.49		0.0791
11141-16-5	AROCLOR 1232	ND	0.06	0.49		0.0545
53469-21-9	AROCLOR 1242	ND	0.06	0.49		0.0785
12672-29-6	AROCLOR 1248	ND	0.06	0.49		0.0404
11097-69-1	AROCLOR 1254	ND	0.06	0.49		0.0391
11096-82-5	AROCLOR 1260	0.047	0.06	0.49		0.0135

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

%SOLIDS	82%
Initial Wt.(gms)	10.02
Final Vol.(ml)	10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.	MATRIX:	Soil
Location:	Bldg. 121	Date Extracted:	4/14/2005
Lot #.	Bldg. 121	Ext. Batch:	041405
Client ID:	B7	Date Analyzed:	4/14/2005
Lab ID:	5020007	DILUTION:	1
Filename:	PCB00547.D		
Lab Project No:	50200	Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	AROCLOR 1016	ND	0.06	0.49		0.0440
11104-28-2	AROCLOR 1221	ND	0.06	0.49		0.0745
11141-16-5	AROCLOR 1232	ND	0.06	0.49		0.0513
53469-21-9	AROCLOR 1242	ND	0.06	0.49		0.0739
12672-29-6	AROCLOR 1248	ND	0.06	0.49		0.0380
11097-69-1	AROCLOR 1254	ND	0.06	0.49		0.0368
11096-82-5	AROCLOR 1260	0.021	0.06	0.49		0.0127

%SOLIDS	87%
Initial Wt.(gms)	10.03
Final Vol.(ml)	10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.	**MATRIX:**	Soil
Location:	Bldg. 121	**Date Extracted:**	4/14/2005
Lot #.	Bldg. 121	**Ext. Batch:**	041405
Client ID:	B8	**Date Analyzed:**	4/14/2005
Lab ID:	5020008	**DILUTION:**	1
Filename:	PCB00548.D		
Lab Project No:	50200	**Analyst:**	A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	AROCLOR 1016	ND	0.06	0.49		0.0427
11104-28-2	AROCLOR 1221	ND	0.06	0.49		0.0722
11141-16-5	AROCLOR 1232	ND	0.06	0.49		0.0498
53469-21-9	AROCLOR 1242	ND	0.06	0.49		0.0717
12672-29-6	AROCLOR 1248	ND	0.06	0.49		0.0369
11097-69-1	AROCLOR 1254	ND	0.06	0.49		0.0357
11096-82-5	AROCLOR 1260	0.021	0.06	0.49		0.0123

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

%SOLIDS	89%
Initial Wt.(gms)	10.11
Final Vol.(ml)	10.00

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.	MATRIX:	Soil
Location:	Bldg. 121	Date Extracted:	4/14/2005
Lot #.	Bldg. 121	Ext. Batch:	041405
Client ID:	B9	Date Analyzed:	4/14/2005
Lab ID:	5020009	DILUTION:	1
Filename:	PCB00549.D		
Lab Project No:	50200	Analyst:	A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	AROCLOR 1016	ND	0.06	0.49		0.0475
11104-28-2	AROCLOR 1221	ND	0.06	0.49		0.0804
11141-16-5	AROCLOR 1232	ND	0.06	0.49		0.0554
53469-21-9	AROCLOR 1242	ND	0.06	0.49		0.0798
12672-29-6	AROCLOR 1248	ND	0.06	0.49		0.0411
11097-69-1	AROCLOR 1254	ND	0.06	0.49		0.0397
11096-82-5	AROCLOR 1260	0.061	0.06	0.49		0.0137

%SOLIDS	80%
Initial Wt.(gms)	10.10
Final Vol.(ml)	10.00

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

ATTACHMENT C
Summary of PCB Spill Area Information Including Analytical Data

7. **DETAILED INFORMATION ON POTENTIAL SPILL SITES:**

l. Site Number 12, Buildings 121, 122 & 123 - Main Post Central Hazardous Waste Storage Area

(1) **POC: Environmental Technician - 732-380-7523**

(2) **Description of Facility:** This facility serves as the central hazardous waste storage area for the Main Post. The U.S. Army Fort Monmouth is registered with the U.S.E.P.A. as a "Small Quantity Generator" (SQG) of hazardous waste and the above referenced agency has issued the following identification number for the site: NJ3210020597. Being identified as a SQG Facility, hazardous waste can only be stored at this site for a period of 180 days or less. The facility itself consists of three prefabricated storage buildings and two outside drum storage pads. All five structures are situated on a concrete reinforced pad.

Buildings 121 and 122 are used to store a variety of hazardous waste which include the following types: flammables, combustibles, corrosives, oxidizers, poisons, RCRA listed wastes and RCRA characteristic wastes. The buildings are constructed of concrete and have the following size dimensions: 20' x 10' x 9'5". The structures are compartmentalized into three equal size sections which enables incompatible wastes to be stored separately. Each compartment also has a sump which serves as secondary containment. In addition, the building is temperature controlled and has a fire suppression system within each compartment.

Building 123 is used to store out of service transformers, capacitors, switches, and other types of electrical equipment which contain PCB Contaminated and Non PCB oils. Batteries are also stored within this structure. The building is also constructed of concrete and has the following size dimensions: 12' x 24" x 12'. One large storage room is found inside the structure and underneath the grated flooring is a sump which serves as secondary containment. In addition, the building is equipped with a thermostat controlled exhaust fan and has a fire suppression system. The outside drum storage pads are constructed of concrete and have the following size dimensions: 20' x 10' x 1'6". The pads are designed to hold thirty-two 55 gallon drums and each pad has one large sump which serves as secondary containment.

(3) **Containment:** Secondary containment has been provided for all three buildings and the two outside drum storage pads. As previously mentioned, two of the buildings are compartmentalized into three sections and each section has its own containment sump. Each of these sumps can hold up to 270 gallons. The PCB/battery storage building has one large containment sump which can hold up to 1,300 gallons. The outside drum storage pads have one large containment sump which can hold up to 900 gallons. The containment sumps found at this site are sufficiently impervious to contain the various hazardous wastes that are stored should a release occur from a primary storage container (i.e. 55 gallon drum).

(4) **Site Drainage:** Essentially, there is no drainage from the three storage buildings. Drainage from these buildings can only be accomplished by pumping directly out of the containment sumps. Any materials removed from these sumps would be evaluated for being a potential hazardous waste and disposed of accordingly. Drums stored on the outside storage pads are protected by polyethylene covers which prevent rainwater from coming into contact with the drums. Rainwater does however enter the containment sump and before it is discharged it is visually inspected for the presence of a sheen. The containment sumps have manually operated valves that allow accumulated rainwater to be drained out when the valves are in the open position. The valves are always maintained in a closed position except when rainwater is being drained from a containment sump. In addition, threaded plugs are maintained within each drainage valve and serve as a backup mechanism to prevent unwanted discharges. If no contaminants are visually observed, the rainwater is released to the adjacent area. Records of these releases are maintained by the primary point of contact for this facility listed in appendix G.

(5) **Storage Tanks:** Not applicable.

(6) **Tank Car/Truck Loading/Unloading Procedures:** The relocation of hazardous waste from satellite accumulation areas to the central hazardous waste storage area is conducted by a trained environmental technician who works under the supervision of the Alternate BRAC Environmental Coordinator.

All hazardous waste loaded for offsite transportation is properly labeled and manifested in accordance with the applicable regulations prior to it leaving the facility. Only licensed hazardous waste transporters are utilized by Fort Monmouth and all hazardous wastes are sent to U.S.E.P.A. permitted Treatment, Storage, and Disposal Facilities.

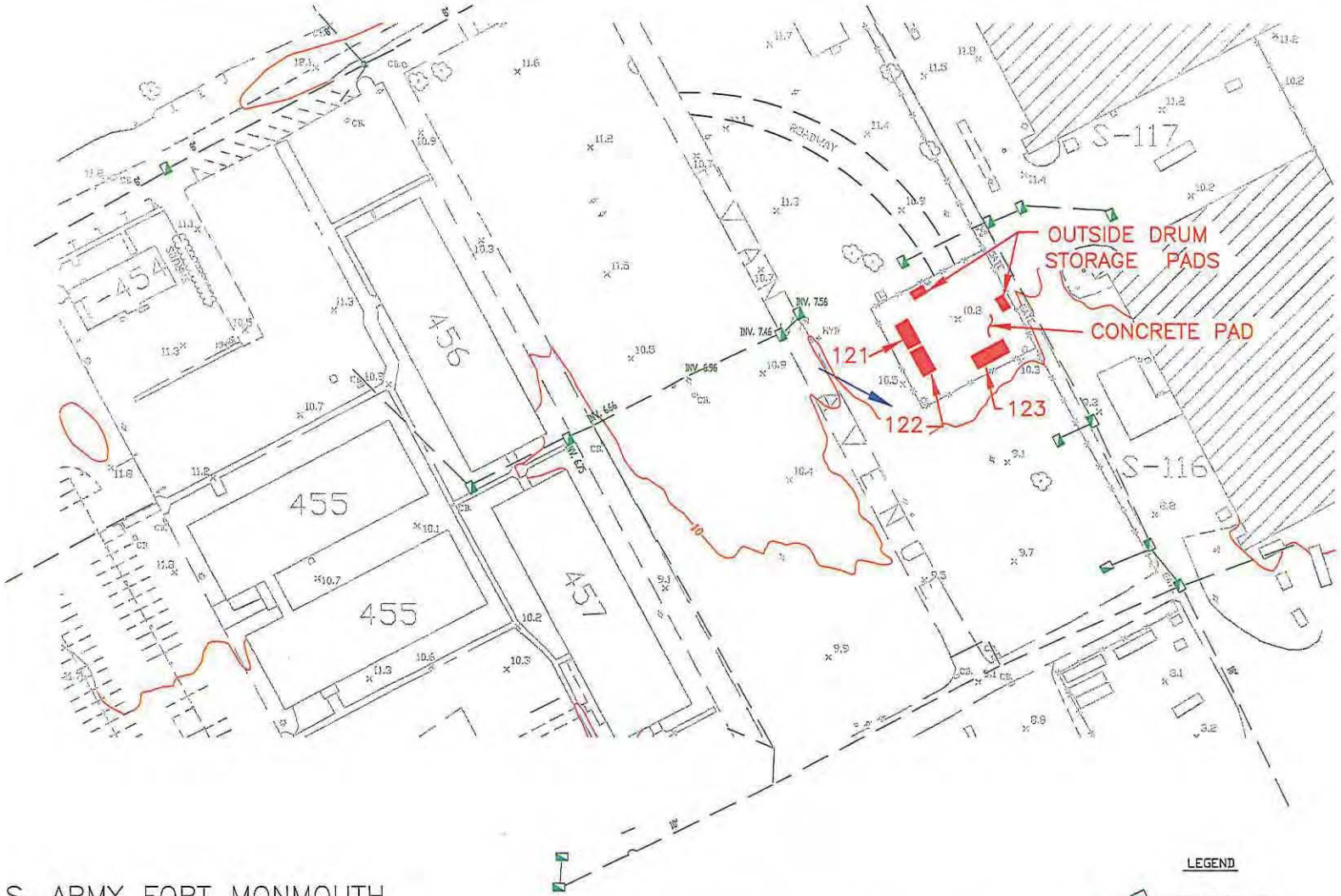
(7) **Inspections and Records:** This facility is inspected on a weekly basis by the primary point of contact and/or his appointed representatives. Each storage compartment currently housing hazardous waste is visually inspected for signs of leaks or any other potential problem. Inspection records are maintained by the Environmental Office.

(8) **Security:** The site is completely surrounded by a security fence which is kept locked during periods of non-activity. Each building compartment is also secured by a locking door. Only the primary point of contact and his appointed representatives retain keys for this facility.

(9) **Spill Control Equipment and Supplies:** Since secondary containment is provided for each storage area, spill control equipment and supplies are not stored at this facility. Spill control equipment and supplies can be obtained from the Environmental Office.

(10) **Prediction of Potential Spills:** All potential spills would be controlled by secondary containment; therefore spills pose no threat to the outside environment.

(11) **Deficiencies and Corrective Measures:** There are no deficiencies or corrective measures to be taken at this time.



U.S. ARMY FORT MONMOUTH
SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN (SPCCP)
AND INSTALLATION SPILL CONTINGENCY PLAN (ISCP)
SITE NUMBER 12, BUILDING 121 – MAIN POST
CENTRAL HAZARDOUS WASTE STORAGE AREA

MILITARY POLICE REPORT
For use of this form, see AR 190-45; the proponent agency is ODCSOPS

MILITARY POLICE REPORT NUMBER	DATE	USACRC CONTROL NUMBER
FM-00336-94-MPC142	940624	

THRU:	TO:	FROM:
	Department Public Works Attn: SELFM-PW Fort Monmouth, NJ 07703	Provost Marshal Office Attn: SELFM-PMO-L Fort Monmouth, NJ 07703

1. REPORT TYPE/STATUS: [X] Information [ ] Commander's Action (*DA Form 4833*) [ ] Supplemental [ ] Complaint

2. EVALUATION: [ ] Criminal Offense [ ] Military Offense [ ] Traffic Offense [X] Founded [ ] Unfounded [X] Information

3. COMPLAINT/OFFENSE/INCIDENT (*See Reverse/Attached for Summary*)	4. LOCATION (*Address*) [X] On Post [ ] Off Post	5. TIME OF OFFENSE	6. DATE OF OFFENSE
REPORT of INCIDENT (Haz-Mat Spill)	Transformer Storage Building 122 FMNJ 07703	1220	940615

7. OFFENSE CODES	8. COMPLAINT RECEIVED BY	9. TIME RECEIVED	10. DATE RECEIVED
	C. L. Sleight, GS-07	1220	940615

11. MP ACTION REFERRED TO: [ ] MPI [ ] CID [ ] Civil Authorities [ ] Traffic [X] Other (*Specify*) FM Fire Dept. — a. DATE REFERRED: 940615

12. NAME OF SUBJECT	a. GRADE	b. ORGANIZATION (*Include address and telephone number*)

c. SSN	d. PLACE OF BIRTH	e. DATE OF BIRTH

f. CAT (1)	g. COLOR HAIR	h. COLOR EYES	i. WEIGHT	j. HEIGHT	k. AGE	l. JUVENILE	m. SEX
						[ ] Yes [ ] No	[ ] Male [ ] Female

n. COMPLEXION	o. RACE (2)	13. INVOLVEMENT	14. DRESS	15. COOPERATIVE	16. IDENTIFYING MARKS
		[ ] Alcohol [ ] Drugs	[ ] Uniform [ ] Civilian	[ ] Yes [ ] No	

17. PERSONS RELATED TO REPORT (*Place Additional Entries on Reverse/Attached*)

a. NAME	b. GRADE	c. SSN	d. ORGANIZATION/ADDRESS/TELEPHONE NUMBER	e. (1)	f. (3)
MONTGOMERY, WILLIAM A.	GS-07	BADGE 7952	SELFM-PW-F, FMNJ 07703	D	B
ALLEN, RAY NMI	CIV	[redacted]	Serv Air, Inc, FMNJ	F	B

18. PROPERTY DATA

a. DATE	b. (4)	c. (5)	d. AMOUNT

19. DISPOSITION OF

a. OFFENDER	b. EVIDENCE

ENCLOSURES

DISTRIBUTION
Dir, SELFM-PW
Chf, SELFM-PW-F
PMO, File

FOR THE COMMANDER (*Strike out if not applicable*)

TYPED NAME, RANK AND TITLE OF REPORTING OFFICER
NORBERT D. NIELEBOCK
Chief, DoD Police

SIGNATURE

(1) CATEGORY		(2) RACE	(3) STATUS		(4) PROPERTY TYPE		(5) PROP ACTION
A-Army	F-Contractor	R-Red	A-Not Used	E-Military Police	A-Govt Prop/Funds	F. Private Vehicle	A-Lost
B-Other Service	G-Other Govt Empl	M-Yellow	B-Witness	F-Civil Authorities	B-Govt Vehicle	G. Host Govt Prop/Funds	B-Stolen
C-Family Member	H-FGN Natl Empl	N-Black	C-Victim	G-Sponsor	C-NAF Prop/Funds	H-Host Govt Vehicle	C-Recovered
D-DA Civilian	I- Other FGN Natl	C-White	D-Complainant		D-NAF Vehicle		D-Damaged
E-Civilian	J-Other	H-Hispanic			E-Private Property		
		X-Other					

SUMMARY:

At approximately 1220, 15 Jun 94, FMFD notified FMPD of this incident. Investigation by Montgomery and Sleight revealed that an electrical transformer was stacked on top of another electrical transformer, causing a PCB leak. Approximately 10 gallons of PCB leaked onto the ground. The leak was cleaned up by FMPD. Allen, a worker on the scene, was overcome by the high heat/humidity, and was transported to Monmouth Medical Center for treatment. This is a final report.

TO: weather - hi 70's low 80's mid humidity

SUBJECT: PCB Sampling of 121 Spill Site

FROM: Petura - 0835

DATE: 6-20-94

5 spill nails removed - ////

0830 Arrived on site. Discoloration on edge of concrete has approx 12' of width, w/ light staining near tree (2½' h of). + re-enforce seam. Blue stone from concrete edge to grass approx 1-1½' wide.

Requested by DPW (JF) Dig 2" down to remove contamination + take 1 PCB Sample every 5' near conc slab.

Started digging w/spade - Oily contamination UNDER Pad. will use hands (glove covered to remove blue stone + Repl w/ clean (maybe not) Dug down to clayey soil 1' Down under concrete seam.

Dexsil #1 - Sample #1 purple less than 50ppm. ∴ Site #1 cleared 0935

Conclusion - discoloration of blue stone not of PCB origin ∴ Remediate to soil underlayment.

DEXSIL #2 - 0959 - Purple Site appears clear.

Site DEXSIL #3 - 1010 - Purple - Site appears clear.

NOTE = Slab fairly new (approx 3yrs) No other Spill on site at this area. Soil under bluestone appears moist w/ sewer like smell. But - NO WATER SEPARATION SEEN ON DEXSIL ANALYSIS. (Clay-y soil).

all appear clear - will take soil for PCB analysis from Sites #1 + 2 - Approx 4' apart + within largest concentration

☐ PLEASE REPLY BY _____ ☐ NO REPLY NECESSARY ☐ (OVER)

During Spill.

5#1 1044.

USING SAMPLE SPOONS FROM CHLOR-N-SOIL DEDICATED - Previously to each Sample hole

5#2 1025

Samples taken to B490.

SAMPLING EQUIPMENT + SHOVEL DECONED W/SOAP & WATER.

1050 - off site.

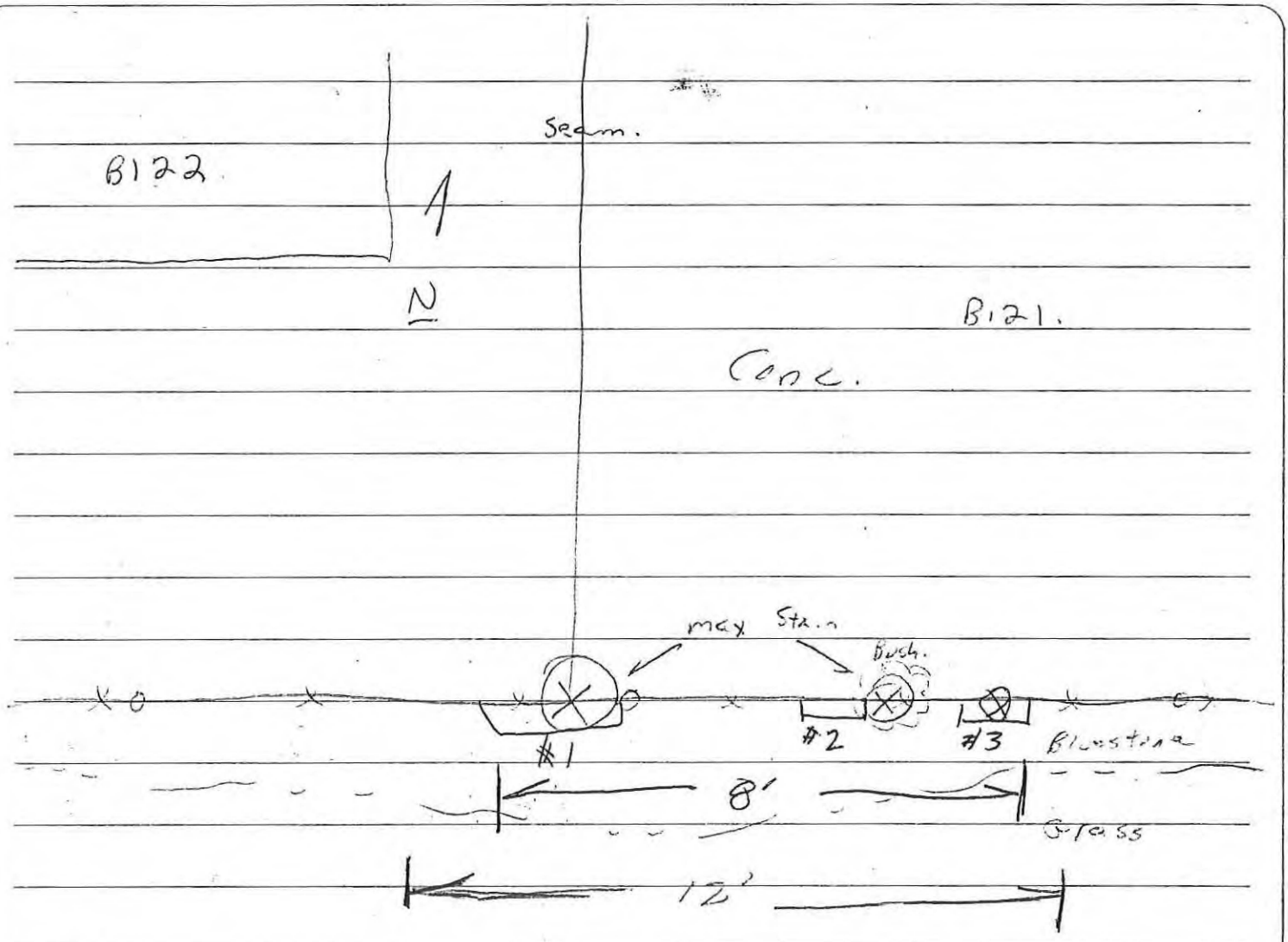
Site to be left open for State inspection on 6/21

☐ RESPONSE ☐ ACTION TO BE TAKEN ☐ CONTINUED FROM OTHER SIDE

DATE:

TO: _____ SUBJECT: _____

FROM: _____ DATE: _____



☐ PLEASE REPLY BY _____ ☐ NO REPLY NECESSARY ☐ (OVER)

SERV-AIR, INC.

P.O. #:

Chain of Custody

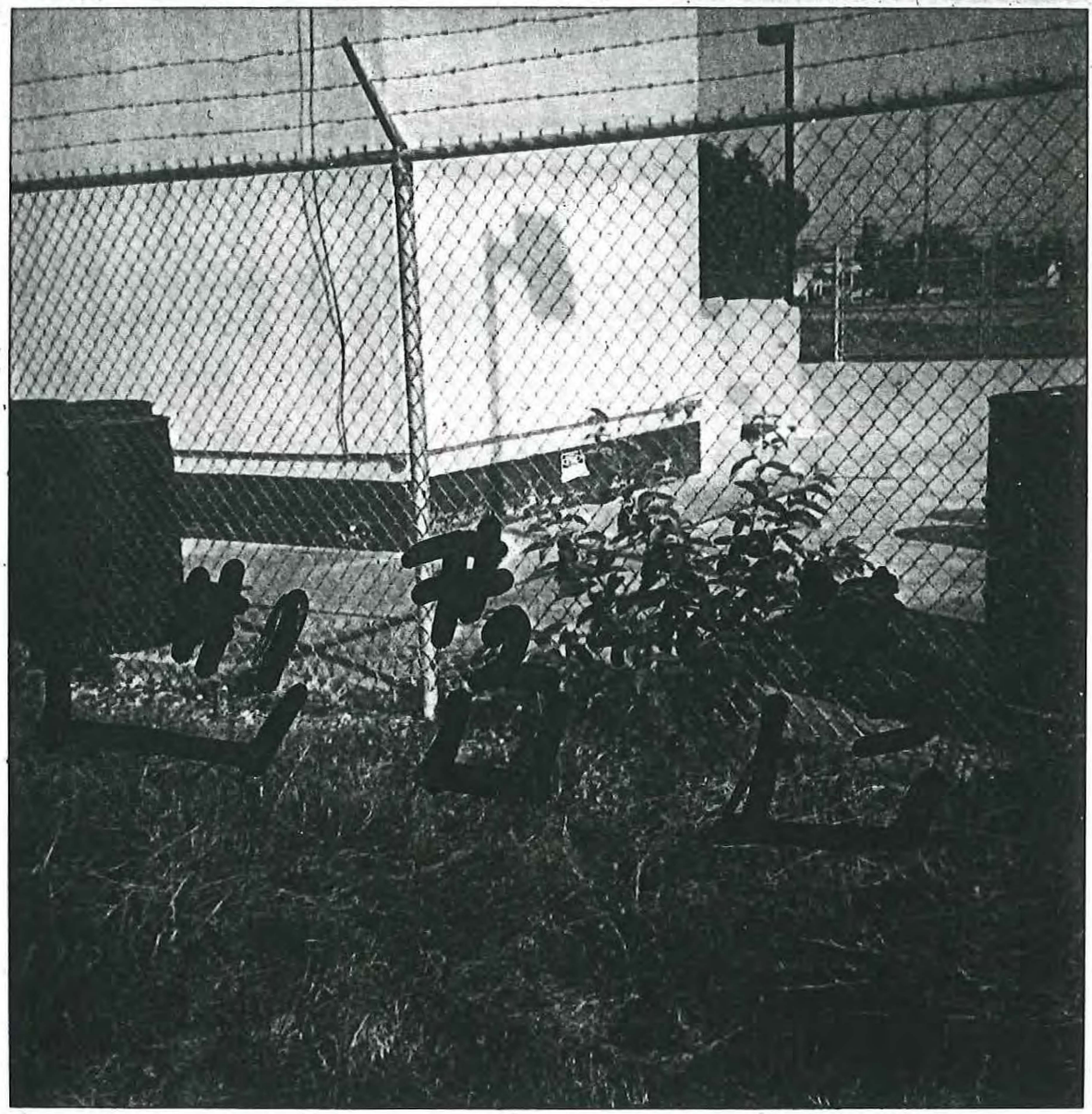
p9 of 5

Project #:	Sampler: G. Rachkovsky (S.R.)	Date / Time 6/20 | 1050	Analysis Parameters	Start:
Customer: US Army	Site Name: B1214122 HAZ SPILL PAD			Finish:
Phone:				

Lab Sample ID Number	Date/Time		Customer Sample Location/ID Number	Sample Matrix	# of Bottles	BCP	Remarks	Preservation Method
1531.1	6/20	1044	S#1	So.1	1	X		4°C
1531.2	6/20	1025	S#2	So.1	1	X		4°C

Relinquished By (signature)	Date / Time	Received By (signature)	Shipped By:
[signature]	6/20 | 1100		
Relinquished By (signature)	Date / Time	Received for Lab by (signature):	Date / Time
		[signature]	6/20/93 1100

Note: A drawing depicting sample location should be attached or drawn on the reverse side of this chain of custody.



6/20 0835 B121+122
Conc Slab
Rocketdyne. PCB Cont Spill

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-4359 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: BLDG. 121

Bldg. 121

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
B1	5020001	Soil	13-April-05 14:22	04/13/05
B2	5020002	Soil	13-April-05 14:31	04/13/05
B3	5020003	Soil	13-April-05 14:44	04/13/05
B4	5020004	Soil	13-April-05 14:53	04/13/05
B5	5020005	Soil	13-April-05 15:03	04/13/05
B6	5020006	Soil	13-April-05 15:12	04/13/05
B7	5020007	Soil	13-April-05 15:22	04/13/05
B8	5020008	Soil	13-April-05 15:28	04/13/05
B9	5020009	Soil	13-April-05 15:34	04/13/05

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
PCBs, % SOLIDS

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

4-15-05
Daniel Wright/Date
Laboratory Director

The enclosed report relates only to the items tested. The report may not be reproduced, except in full, without written approval of the U.S. Army Fort Monmouth Directorate of Public Works.

CHAIN OF CUSTODY

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joe Fallon
Phone: # X2422123
( )DERA ( )OMA ( )Other:_____

Project No:
Location: Bldg 121

Samplers Name / Company: George Boyce /TVS

LIMS/Work Order #	Sample Location	Date	Time	Sample Type	# bottles	PCB								Comments: Remarks / Preservation Method
50200 01	B1	4/13/05	1422	Soil	1	X								
02	B2		1431											
03	B3		1444											
04	B4		1453											
05	B5		1503											
06	B6		1512											
07	B7		1522											
08	B8		1528											
09	B9		1534											

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
George Boyce	4/13/05 1505				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (√)Standard, (_)Screen / non-certified, (_)EDD
Turnaround time: (_)Standard 3 wks, (√)Rush 2 Days, (_)ASAP Verbal ____Hrs.

Remarks:

print legibly

COC.XLS3/4/2005

PCBs

TABULATED ANALYTICAL REPORT
POLYCHLORINATED BIPHENYLS
EPA METHOD 8082

mb 041405-01

MATRIX: Soil
Date Extracted: 4/14/2005
Ext. Batch: 041405
Filename: PCB00538.D
Date Analyzed: 4/14/2005
Analyst: A.A.

CAS #	COMPOUNDS	RESULTS (mg/Kg)	MDL (mg/Kg)
12674-11-2	Aroclor 1016	ND	0.0112
11104-28-2	Aroclor 1221	ND	0.0206
12672-29-6	Aroclor 1248	ND	0.0140
53469-21-9	Aroclor 1242	ND	0.0160
11141-16-5	Aroclor 1232	ND	0.0064
11097-69-1	Aroclor 1254	ND	0.0040
11096-82-5	Aroclor 1260	ND	0.0036

MDL - Method Detection Limit
ND = Not detected at or above MDL

Initial Wt.(gms) 10
Final Vol.(ml) 10

COMMENTS:

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**Bldg. 121**	**Date Extracted:**	**4/14/2005**
Lot #.	**Bldg. 121**	**Ext. Batch:**	**041405**
Client ID:	**B1**	**Date Analyzed:**	**4/14/2005**
Lab ID:	**5020001**	**DILUTION:**	**1**
Filename:	**PCB00550.D**		
Lab Project No:	**50200**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.07	0.49		0.0505
11104-28-2	**AROCLOR 1221**	**ND**	0.07	0.49		0.0854
11141-16-5	**AROCLOR 1232**	**ND**	0.07	0.49		0.0589
53469-21-9	**AROCLOR 1242**	**ND**	0.07	0.49		0.0848
12672-29-6	**AROCLOR 1248**	**ND**	0.07	0.49		0.0436
11097-69-1	**AROCLOR 1254**	**ND**	0.07	0.49		0.0422
11096-82-5	**AROCLOR 1260**	**0.200**	0.07	0.49		0.0146

%SOLIDS	**76%**
Initial Wt.(gms)	**10.01**
Final Vol.(ml)	**10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**Bldg. 121**	**Date Extracted:**	**4/14/2005**
Lot #.	**Bldg. 121**	**Ext. Batch:**	**041405**
Client ID:	**B2**	**Date Analyzed:**	**4/14/2005**
Lab ID:	**5020002**	**DILUTION:**	**1**
Filename:	**PCB00542.D**		
Lab Project No:	**50200**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0482
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0816
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0563
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0810
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0417
11097-69-1	**AROCLOR 1254**	**ND**	0.06	0.49		0.0403
11096-82-5	**AROCLOR 1260**	**2.800**	0.06	0.49		0.0139

%SOLIDS	**79%**
Initial Wt.(gms)	**10.08**
Final Vol.(ml)	**10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
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D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**Bldg. 121**	**Date Extracted:**	**4/14/2005**
Lot #.	**Bldg. 121**	**Ext. Batch:**	**041405**
Client ID:	**B3**	**Date Analyzed:**	**4/14/2005**
Lab ID:	**5020003**	**DILUTION:**	**1**
Filename:	**PCB00543.D**		
Lab Project No:	**50200**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0477
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0807
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0556
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0801
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0412
11097-69-1	**AROCLOR 1254**	**ND**	0.06	0.49		0.0398
11096-82-5	**AROCLOR 1260**	**0.150**	0.06	0.49		0.0138

%SOLIDS	**80%**
Initial Wt.(gms)	**10.07**
Final Vol.(ml)	**10.00**

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MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
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E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**Bldg. 121**	**Date Extracted:**	**4/14/2005**
Lot #.	**Bldg. 121**	**Ext. Batch:**	**041405**
Client ID:	**B4**	**Date Analyzed:**	**4/14/2005**
Lab ID:	**5020004**	**DILUTION:**	**1**
Filename:	**PCB00544.D**		
Lab Project No:	**50200**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0498
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0843
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0581
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0837
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0431
11097-69-1	**AROCLOR 1254**	**ND**	0.06	0.49		0.0416
11096-82-5	**AROCLOR 1260**	**1.500**	0.06	0.49		0.0144

%SOLIDS	**77%**
Initial Wt.(gms)	**10.01**
Final Vol.(ml)	**10.00**

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MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**Bldg. 121**	**Date Extracted:**	**4/14/2005**
Lot #.	**Bldg. 121**	**Ext. Batch:**	**041405**
Client ID:	**B5**	**Date Analyzed:**	**4/14/2005**
Lab ID:	**5020005**	**DILUTION:**	**1**
Filename:	**PCB00545.D**		
Lab Project No:	**50200**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0474
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0802
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0553
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0796
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0409
11097-69-1	**AROCLOR 1254**	**ND**	0.06	0.49		0.0396
11096-82-5	**AROCLOR 1260**	**0.390**	0.06	0.49		0.0137

%SOLIDS	**81%**
Initial Wt.(gms)	**10.01**
Final Vol.(ml)	**10.00**

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E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**Bldg. 121**	**Date Extracted:**	**4/14/2005**
Lot #.	**Bldg. 121**	**Ext. Batch:**	**041405**
Client ID:	**B6**	**Date Analyzed:**	**4/14/2005**
Lab ID:	**5020006**	**DILUTION:**	**1**
Filename:	**PCB00546.D**		
Lab Project No:	**50200**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0467
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0791
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0545
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0785
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0404
11097-69-1	**AROCLOR 1254**	**ND**	0.06	0.49		0.0391
11096-82-5	**AROCLOR 1260**	**0.047**	0.06	0.49		0.0135

%SOLIDS **82%**
Initial Wt.(gms) **10.02**
Final Vol.(ml) **10.00**

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E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**Bldg. 121**	**Date Extracted:**	**4/14/2005**
Lot #.	**Bldg. 121**	**Ext. Batch:**	**041405**
Client ID:	**B7**	**Date Analyzed:**	**4/14/2005**
Lab ID:	**5020007**	**DILUTION:**	**1**
Filename:	**PCB00547.D**		
Lab Project No:	**50200**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0440
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0745
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0513
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0739
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0380
11097-69-1	**AROCLOR 1254**	**ND**	0.06	0.49		0.0368
11096-82-5	**AROCLOR 1260**	**0.021**	0.06	0.49		0.0127

%SOLIDS	**87%**
Initial Wt.(gms)	**10.03**
Final Vol.(ml)	**10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**Bldg. 121**	**Date Extracted:**	**4/14/2005**
Lot #.	**Bldg. 121**	**Ext. Batch:**	**041405**
Client ID:	**B8**	**Date Analyzed:**	**4/14/2005**
Lab ID:	**5020008**	**DILUTION:**	**1**
Filename:	**PCB00548.D**		
Lab Project No:	**50200**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0427
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0722
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0498
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0717
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0369
11097-69-1	**AROCLOR 1254**	**ND**	0.06	0.49		0.0357
11096-82-5	**AROCLOR 1260**	**0.021**	0.06	0.49		0.0123

%SOLIDS	**89%**
Initial Wt.(gms)	**10.11**
Final Vol.(ml)	**10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

U.S.Army, FT. Monmouth Environmental Laboratory.

Report Of Analysis
NJDEP Certification # 13461
METHOD 8082

Client:	**U.S.Army, Bldg 173, Ft. Monmouth, NJ 07703.**	**MATRIX:**	**Soil**
Location:	**Bldg. 121**	**Date Extracted:**	**4/14/2005**
Lot #.	**Bldg. 121**	**Ext. Batch:**	**041405**
Client ID:	**B9**	**Date Analyzed:**	**4/14/2005**
Lab ID:	**5020009**	**DILUTION:**	**1**
Filename:	**PCB00549.D**		
Lab Project No:	**50200**	**Analyst:**	**A.A.**

CAS #	COMPOUNDS	RESULTS (mg/Kg)	*Reporting Limit (mg/Kg)	Cleanup Criteria (mg/Kg)	QUALIFIER	MDL (mg/Kg)
12674-11-2	**AROCLOR 1016**	**ND**	0.06	0.49		0.0475
11104-28-2	**AROCLOR 1221**	**ND**	0.06	0.49		0.0804
11141-16-5	**AROCLOR 1232**	**ND**	0.06	0.49		0.0554
53469-21-9	**AROCLOR 1242**	**ND**	0.06	0.49		0.0798
12672-29-6	**AROCLOR 1248**	**ND**	0.06	0.49		0.0411
11097-69-1	**AROCLOR 1254**	**ND**	0.06	0.49		0.0397
11096-82-5	**AROCLOR 1260**	**0.061**	0.06	0.49		0.0137

%SOLIDS	**80%**
Initial Wt.(gms)	**10.10**
Final Vol.(ml)	**10.00**

*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.
MDL = METHOD DETECTION LIMIT
ND =UNDETECTED BELOW THE MDL
B = PRESENT IN THE ASSOCIATED BLANK
E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW
D = DILUTION

Bldg 121 Sample Location GPS Positions

US State Plane 1983 New Jersey (NY East) 2900
NAD 1983 (Conus)
Geoid 96 (Conus)

(In US Survey Feet)

Position	Northing (Y Coord.)	Easting (X Coord.)
B1	541203.373	622935.538
B2	541205.772	622937391
B3	541205.794	622939.722
B4	541208.087	622942.046
B5	541209.382	622944.537
B6	541210.73	622948.223
B7	541212.511	622952.363
B8	541212.354	622954.358
B9	541214.709	622957.305