



1 November 2016

Mr. William R. Colvin, PMP, CHMM, PG
Fort Monmouth BRAC Environmental Coordinator
P.O. Box 148
Oceanport, New Jersey 07757

**Subject: Interim Removal Action Adjacent to Building 978 (Parcel 97),
Fort Monmouth, Oceanport, New Jersey
Contract Number W912DY-10-D-0015, Task Order 0007
DCN: TTEC-WERS-17-0010**

ATTACHMENTS:

1. Figures
2. Photographs
3. Tabulated Analytical Results
4. Laboratory Analytical Results
5. New Jersey Requirements for Soil Compliance Averaging N.J.A.C. 7:26E-4.9(c)3i
6. Waste Disposal Information

Dear Mr. Colvin:

The purpose of this letter report is to document the tasks and methods associated with completing the interim removal action (IRA) of polychlorinated biphenyl- (PCB-) impacted soil and concrete at Building 978 to facilitate the transfer of property from Fort Monmouth (FTMM) to the private sector under the Base Realignment and Closure (BRAC) program. The work was completed in multiple phases between 4 January 2016 and August 2016. All final post excavation soil sample results are below applicable Federal and State of New Jersey criteria.

SITE BACKGROUND

Fort Monmouth is a former installation of the Department of the Army (Army) in Monmouth County, New Jersey. The post is surrounded by the communities of Eatontown, Tinton Falls and Oceanport, New Jersey, and is located about 5 miles from the Atlantic Ocean. The post covers nearly 1,126 acres of land, from the Shrewsbury River on the east, to Route 35 on the west; this area is referred to as 'Main Post'. A separate area (Camp Charles Wood) to the west includes post housing, a golf course, and additional office and laboratory facilities; this area was previously transferred to the Fort Monmouth Economic Revitalization Authority.

The installation began operation in September 1917. Additional land was purchased, and at its peak during World War II, FTMM measured 1,713 acres, and had billeting space for 1,559 officers and 19,786 enlisted personnel. The post was home to 1) several units of the U.S. Army Materiel Command; 2) offices of the Army Acquisition Executive that research and manage Command and Control, Communications, Computing, Intelligence, Surveillance and Reconnaissance capabilities and related technology; 3) an academic preparatory school; 4) an explosive ordnance disposal unit; 5) a garrison services unit; 6) an Army health clinic; and 7) a Veterans Administration health clinic. Other agencies, including the Federal

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Bureau of Investigation, Federal Emergency Management Agency and the National Security Agency, were also located at FTMM.

The post was selected for closure by the BRAC Program in 2005. Most Army functions and personnel were required to be moved to Army facilities in Maryland, such as Aberdeen Proving Ground, and Ohio by 2011. FTMM officially closed on September 15, 2011.

An electrical substation is located adjacent to Building 978. Secondary containment is provided at the substation, and is managed under the FTMM Spill Prevention, Control and Countermeasures program. The facility serves as the delivery point for metering of electrical power to the Main Post. The substation consists of three 34,500-volt, 5,000 kVA transformers, and six voltage regulators. The first 5,000 kVA transformer, manufactured by General Electric, contains 2,155 gallons of non-PCB oil. The second 5,000 kVA transformer, also manufactured by General Electric, contains 1,540 gallons of non-PCB oil. The third 5,000 kVA transformer, manufactured by Allis Chalmers, contains 1,313 gallons of non-PCB oil. The six voltage regulators each contain 546 gallons of non-PCB oil.

Based on the period of operation of the electrical substation, it is likely that previous operations included the use of PCB-containing equipment. Shaw Environmental, Inc. collected surface soil samples in December 2007 to determine if historic use of potential PCB-containing equipment resulted in the release of PCBs from the electrical substation adjacent to Building 978. A total of ten surface soil samples were collected (including on duplicate sample) from the nine distinct hand auger sample locations. Surface soil samples were collected for PCB analysis from the 0- to 6-inch bgs interval. If sample locations were within gravel-covered areas, samples were collected from the 0- to 6-inch interval below the gravel sub-base.

PCBs were not detected above the New Jersey Department of Environmental Protection (NJDEP) Non-Residential Direct Contact Soil Cleanup Criteria (NRDCSCC). Samples 978SS-2 contained Aroclor 1260 at concentration of 0.84 mg/kg which is above the Residential Direct Contact Soil Cleanup Criteria (RDCSCC) of 0.49 mg/kg. No other samples contained PCBs at concentrations greater than the RDCSCC. The NJDEP RDCSCC was superseded by the N.J.A.C. 7:26D REMEDIATION STANDARDS Residential Direct Contact Soil Remediation Standard (RSRS). Data presented in this letter report are compared to the RSRS and the Non-Residential Soil Direct Contact Soil Remediation Standard (NRSRS). The Toxic Substances Control Act (TSCA) unrestricted use standard of 1 mg/kg for PCBs is the same as the NRSRS.

SCOPE OF WORK

In 2015, Parsons identified areas impacted with PCBs at the former concrete transformer pad adjacent to Building 978. Tetra Tech was tasked to remove impacted soil and the concrete pad and to perform confirmation sampling for PCBs based on the initial assessment results conducted by Parsons. Figures are provided in **Attachment 1**.

Figure 1 summarizes the locations identified by Parsons during the initial assessment sampling for PCBs and post-excavation confirmation sampling locations performed by Tetra Tech that exceeded the New Jersey RSRS of 0.2 mg/kg and New Jersey NRSRS of 1.0 mg/kg. Proposed excavation depths for soil removal were based on the Parsons initial sampling assessments and a concrete pad thickness of 6 inches. **Figure 2** summarizes the total petroleum hydrocarbons (TPH) and polycyclic aromatic hydrocarbons (PAHs) sampling results that exceeded the RSRS and NRSRS.

WORK PERFORMED – PHASE I

On 4 January 2016, Tetra Tech and its subcontractor AWT Environmental Services mobilized to the site and began locating underground utilities prior to soil excavation. Electrical power to the adjacent substation transformers was disconnected and lock out/tag out procedures were put in place by M&L Power Systems and FTMM electricians. Photographs documenting site activities are provided in **Attachment 2**.

Soil removal began at the east end of the excavation and along the area between Building 978 and the concrete pad and extended to the west to a 3 foot by 3 foot excavation across the access road (Parsons Boring SS-11). Approximately 6 inches of gravel was encountered above the soil. As the excavation progressed, the concrete pad was uncovered and found to be 4 feet thick, 26.8 feet long, and 9.5 feet wide. An excavator and 8000-pound hammer were brought to the site and concrete removal began 6 January 2016. A total of 37.6 cubic yards of concrete were removed. Water was encountered at 3.5 feet below ground surface. Subsequent soil removal was limited to 3 feet below the surface gravel layer so as to stay above the water table. Concrete removal and remaining soil was excavated on 7 January 2016. Approximately 69 cubic yards of soil and gravel were removed from the excavation. Excavation adjacent to Building 978 was limited to 1 foot below the gravel layer due to concerns over undermining the foundation of Building 978, which is critical in providing power for FTMM. In addition, the excavation encountered an underground line. Excavation depths are indicated on **Figure 1** with the deepest depth of 4 feet marking the concrete pad location.

Thirty-eight confirmation soil samples were collected by Tetra Tech from the floor and sidewalls of the excavation. Soil samples were analyzed by Hampton-Clarke, Inc. for PCB and Extractable Petroleum Hydrocarbon (EPH). Approximately 25 percent of samples with EPH detections were also analyzed for PAHs. Soil samples with PCB detections and concentrations exceeding the RSRS and NRSRS are provided on **Figure 1**. Soil Samples with EPH and/or PAH detections and concentrations exceeding the New Jersey RSRS and NRSRS are provided on **Figure 2**. Summary tables of Tetra Tech PCB and EPH/PAH sample results are provided in **Table 1** and **Table 2**, respectively, in **Attachment 3**. The laboratory analytical reports are provided as **Attachment 4**.

Backfilling of the excavation began on 7 January 2016. A layer of filter fabric was placed in the deepest part of the excavation, followed by a layer of gravel and additional filter fabric on top. A layer of clean soil backfill was then added and compacted prior to a final layer of gravel.

Phase I Excavation Confirmation Sampling Results

Aroclor-1260 was the only the PCB detected at the site. It was detected in 16 of 38 Phase I soil samples with seven detections below the RSRS [0.2 milligrams per kilogram (mg/kg)], four detections exceeding the RSRS but below the NRSRS, and five detections above the NRSRS. Four of the five PCB concentrations exceeding the RSRS and NRSRS, ranging from 1.8 mg/kg at S026 to 12.0 mg/kg at S016, were located in the area between Building 978 and the former concrete pad location at a depth of 1.0-1.1 feet (**Figure 1**). Sampling results indicated that PCB contamination was below RSRS on the south and east sides of the excavation. One grid adjacent to the fence on the west side was below the NRSRS but above the RSRS. Three of the four locations (S025, S029, and SW035) with PCB concentrations exceeding the RSRS but below the NRSRS were located at the western part of the excavation at a depth of 2.0-2.1 feet. The fourth location, S015, was located in the center of the excavation at a depth of 3.0-3.1 feet.

In addition, a PCB detection (4.7 mg/kg) exceeding both RSRS and NRSRS was located at sample location SW038 at a depth of 3.0-3.1 feet below ground surface. This area was separate from the main excavation and intended to remediate the hot spot identified in the initial 2015 assessment (Parsons Boring SS-11).

Based on EPH analytical results at four sample locations (S001, S006, S011, and SW031), these samples were then analyzed for PAHs (**Table 2**). Benzo(a)pyrene detections at all four locations [ranging from 0.24 mg/kg (sample location SW031) at 4.0-4.1 feet to 0.54 mg/kg (sample location S001) at 1.0-1.1 feet] exceeded both the RSRS (0.2 mg/kg) and NRSRS (0.2 mg/kg) for benzo(a)pyrene. Sample locations S006, S011, and SW031 were located in the northeastern part of the excavation. Sample location S001 was located at the eastern part of the excavation and also had a benzo(b) fluoranthene concentration of 0.74 mg/kg that exceeded its respective RSRS of 0.6 mg/kg but was below its NRSRS of 2.0 mg/kg.



Phase I Disposal Activities

On 2 February 2016, Tetra Tech coordinated the loadout of potentially PCB-impacted soils and concrete from the Phase I IRA activities at Parcel 97. An excavator was used to load out materials into lined dump trailers. A total of eight dump trailer trucks were needed to transport a total of 174.22 tons of Parcel 97 materials. The roll off container materials weighed 7.75 tons. In total, 181.97 tons were transported to the Wayne Disposal, Inc. landfill facility in Belleville, Michigan.

Upon completion of load out activities, clean-up activities commenced at the south adjacent parking lot where PCB-impacted soils and concrete were staged during excavation. Prior to excavation activities, the asphalt parking lot was lined with 6 millimeter thick polyethylene plastic sheeting as a base for Parcel 97 excavated materials. However, residual soils were visible on the asphalt upon completion of load out activities. The entire footprint of the load out and staging area was power washed and an industrial powered vacuum was utilized to siphon water into 55 gallon drums. The clean-up activities generated eight drums of waste water. The drums were transported to Building 1208 loading dock for staging. The waste disposal information for the January 2016 removal is included in **Attachment 5**.

SCOPE OF WORK – PHASE II

Based on the results of the confirmation sampling associated with the excavation work under Phase I and as presented in the Letter Work Plan dated June 2, 2016, *Removal of PCB-Contaminated Materials at Buildings 1002, 1208 and 1209 and Parcel 97 (Building 978); Environmental Contamination Assessments/Support, Fort Monmouth, Oceanport, New Jersey*; additional delineation activities were performed in Phase II as described in the following section.

Results of Phase II Sampling

Within the fence line, a total of ten DPT borings were planned. Seven of the ten points were successfully advanced to the depths stipulated in the letter work plan (namely sample locations S033, S039, S040, S041, S042, S043, and S058). Due to underground electrical lines, boring location S043 was moved five feet to the east from the proposed location, S044 was moved outside of the fence line, and sample location S026 was replaced by sample location S058 and moved five feet to the east. Proposed boring locations S016 and S021 were not advanced due to a concrete obstruction under the surface. One boring location (S033) had soil concentrations that exceeded the NRSRS for PCBs at a depth interval of 4.0 – 4.5 feet, but PCBs were not detected at 5.0 – 5.5 feet. One other boring location (S039) contained soil exceedances of the RSRS at depth intervals of 2.0 – 2.5 and 3.0 – 3.5 feet. All other boring sample locations were below the RSRS level or non-detect for PCBs.

Due to the energized 34.5 kV overhead transmission lines and required clearance distance stipulated in EM 385-1-1, the area west of Building 978 was limited in the number of boring sample locations that could be advanced. Table 1 of the letter work plan included 14 boring locations; however, only eight of the fourteen locations could be installed. Only one soil sample (sample location S048) from the June 2016 sampling event exceeded the RSRS value at the depth interval of 2.0 – 2.5 feet with an Aroclor-1260 concentration of 0.32 mg/kg. All other sample boring locations were below RSRS level or non-detects.

Groundwater samples were collected from seven of the fourteen DPT points (sample locations S033, S041, S042, S043, S048, S055, and S057). PCBs were detected in three of the groundwater samples at concentrations exceeding the water quality criterion of 0.5 micrograms per liter ($\mu\text{g/L}$); namely, sample location S033 at 5.5 $\mu\text{g/L}$, sample location S041 at 1.4 $\mu\text{g/L}$, and sample location S043 at 2.0 $\mu\text{g/L}$ (**Table 3**). The remaining groundwater samples were non-detect for PCBs.

SCOPE OF WORK – PHASE III

Based on the results of the Phase II sampling, Tetra Tech recommended an additional six focused excavations to remove PCB-impacted soil. The six areas are described below and shown on **Figure 4**:

- Area 1 – an area from 3 ft. east of S039 and 3 ft. north of S039 to 2.5 ft. west of S026 and 2.5 ft. south of S026 with a proposed excavation depth of 4 ft. (20 ft. by 4 ft.). This area encompassed the RSRS exceedances from the June 2015 sampling event as well as the January 2016 sampling event exceedances.
- Area 2 – an area from 7.5 ft. east of SW033 and 7 ft. south of SW033 to 10 ft. west of sample location SW033 and 3 ft. south of sample location SW033 with a proposed excavation depth of 5 ft. (17.5 ft. by 7 ft.). Since the January 2016 remediation removal action excavation was to a depth of 4 ft., the first 4 ft. was removed, staged, and reused following removal of the additional impacted soils.
- Area 3 – an area from 2 ft. east of sample location S025 and 3 ft. south of sample location S025 to sample location SW034 and 1 foot north of sample location SW035 with a proposed excavation depth of 3 ft.
- Area 4 – this area used sample location S015 as a center point. The rectangular area included 2 feet north of sample location S015 abutting the January 2016 remediation action to 4 feet south of sample location S015; the west and east borders were 7.5 feet respectively to the east and west of sample location S015 with a proposed excavation depth of 4 feet. Since the January 2016, the gravel and clean fill material placed above the geotextile layer during the January 2016 remedial action were removed (down to 3 ft.), staged, and reused.
- Area 5 – an area around sample boring location S038. The January remediation removal action excavated an area 3 ft. by 3 ft. to 3 ft. depth. The expanded excavation proposed was 5 ft. by 5 ft. to a depth of 5 ft. using the sample location S038 as the center point.
- Area 6 – an area around sample boring location S048. The proposed excavation expanded to an area 5 ft. by 5 ft. to a depth of 3 ft.

The latter two areas included confirmation samples to verify the IRA obtained values below RSRS.

Work Performed – Phase III

On 18 July 2016, Tetra Tech mobilized to the site and began the Phase III IRA to address the remaining PCB-impacted soil. Prior to soil excavation, electrical power to the adjacent substation transformers was disconnected and lock out/tag out procedures were put in place by Specialized Electrical Services, LLC, and FTMM electricians. Photographs documenting the July 2016 site activities are provided in **Attachment 2**.

Twelve soil confirmation samples and one field duplicate were collected from the floor walls of the excavations at depths and locations shown in **Figure 4**. Soil samples were analyzed by Hampton-Clarke, Inc. for PCBs and EPH. One sample with an EPH detection was also analyzed for PAHs. Summary tables of PCB and EPH sample results are provided as **Table 1** and **Table 2**, respectively, in **Attachment 3**. The laboratory analytical reports are provided as **Attachment 4**.

Soil removal began at Areas 5 (excavation at SW038) and 6 (excavation at S048) at the west end of the site (**Figure 4**). An electrical concrete duct bank was encountered at the north end of the Area 5 excavation at a depth of approximately 3.2 feet below ground surface. Water was encountered in the excavation at



approximately 3.5 below ground surface. As a result of water seeping into the excavation, the excavation walls collapsed so the resulting excavation was 7 feet north-south by 5 feet east-west and 5 feet deep. Soil confirmation samples were collected at the bottom, east, and north walls and analyzed for PCBs and EPH. Due to an exceedance of 4.4 mg/kg at the north wall (SW064), the excavation was extended three feet north on 22 July 2016 and the north wall resampled (SW068). Aroclor-1260 was detected at SW068 at 0.051 mg/kg, below the RSRS. The excavation was backfilled with gravel and topsoil at the surface on 29 July 2016 and graded and seeded 26 August 2016.

Excavation at Area 6 also began on 18 July 2016. A 4-inch electrical conduit was encountered at the north end of the excavation at depth of approximately 2 feet. In order to dig around the conduit, the excavation was expanded to 7 feet east-west by 5 feet north-south and 3 feet deep. Soil confirmation samples were collected at the bottom, east and south walls and analyzed for PCBs and EPH. Due to an exceedance of 0.67 mg/kg at the south wall (SW061), the excavation was extended 5 feet south on 25 July 2016 and the south wall resampled (SW069). Aroclor-1260 was detected at SW069 at 0.22 mg/kg, above the RSRS, which resulted in the excavation being extended another 3 feet south and the south wall resampled (SW070) on 27 July 2016. Aroclor-1260 was detected at 0.069 mg/kg at SW070, below the RSRS of 0.2 mg/kg. The excavation was backfilled with gravel and topsoil at the surface on 29 July 2016 and graded and seeded 26 August 2016.

Excavation at Area 1 began on 19 July 2016 along the area between Building 978 and the former concrete pad. As the excavation progressed, three electrical concrete duct banks were uncovered at a depth of approximately 3 feet going from the former concrete pad into Building 978. At the request of FTMM electricians, the duct banks were not disturbed in order to prevent any damage inside Building 978. The Area 1 excavation was dug to 3 feet below ground surface and 3 soil confirmation samples (S065, S066, and S067) were taken adjacent to the January 2016 Aroclor-1260 exceedances at sample locations S016, S021, and S026. Aroclor-1260 was detected at sample location S065 (0.16 mg/kg) at a depth of 2.9 feet and at sample location S066 (0.049 mg/kg) at a depth of 2.8 feet, both below the RSRS; PCBs were not detected at sample location S067 (2.4 feet).

The top 4 feet and 3 feet of clean fill at Areas 2 and 4 (placed following the Phase I IRA), respectively, was excavated and staged for reuse on 20 July 2016. The areas were then excavated to planned depths of 5 feet (Area 2) and 4 feet (Area 4) below ground surface. After placing a layer of filter fabric in the bottom of the excavations, they were also backfilled on 20 July 2016.

Area 3 was excavated on 20-21 July 2016. Buried electrical conduits were encountered at depths of approximately 1.5 to 2.5 feet below ground surface. Subsequent soil removal was limited to 3 feet below the surface at areas between the electrical conduits so as to not undermine them and prevent a potential rupture. The excavation was backfilled on 21 July 2016 with clean gravel and excavated soils.

All excavations were filled with backfill material provided by Maddox Materials, LLC who provided a certification of clean fill. The certification and lab results for the backfill are provided in **Attachment 5**.

Phase II and Phase III Disposal Activities

On 1-3 August 2016, Tetra Tech coordinated the loadout of potentially PCB-impacted soil from Parcel 97 along with PCB-impacted soil and concrete from the transformer rooms at Buildings 1002, 1208, and 1209. In total, 103.68 tons in five roll-off boxes were transported to the Wayne Disposal, Inc. landfill facility in Belleville, Michigan.

On 29 August 2016, sixteen 55 gallon drums of PCBs impacted-water generated during decontamination and cleanup activities for the remedial actions at Buildings 978, 1002, 1208, and 1209 were loaded and transported by Maumee Express, Inc. to Cycle Chem Inc. in Elizabeth, New Jersey for disposal. The waste disposal information for the July 2016 removal is included in **Attachment 6**.



CONCLUSIONS & RECOMMENDATIONS

This letter report summarizes the IRA activities completed to remove PCB-impacted soil and concrete as well as the subsequent confirmation sampling activities. As all final confirmation samples indicate that site soils are now below the New Jersey RSRS and TSCA unrestricted use standards, additional remediation is not warranted at Building 978 (Parcel 97) to address PCBs in soil. Should you have any questions or require additional information, please do not hesitate to contact the undersigned at (865) 220-4757 or via e-mail at mikael.spangberg@tetrattech.com.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mikael L. Spangberg'.

Mikael L. Spangberg, P.E., PMP
Program Manager



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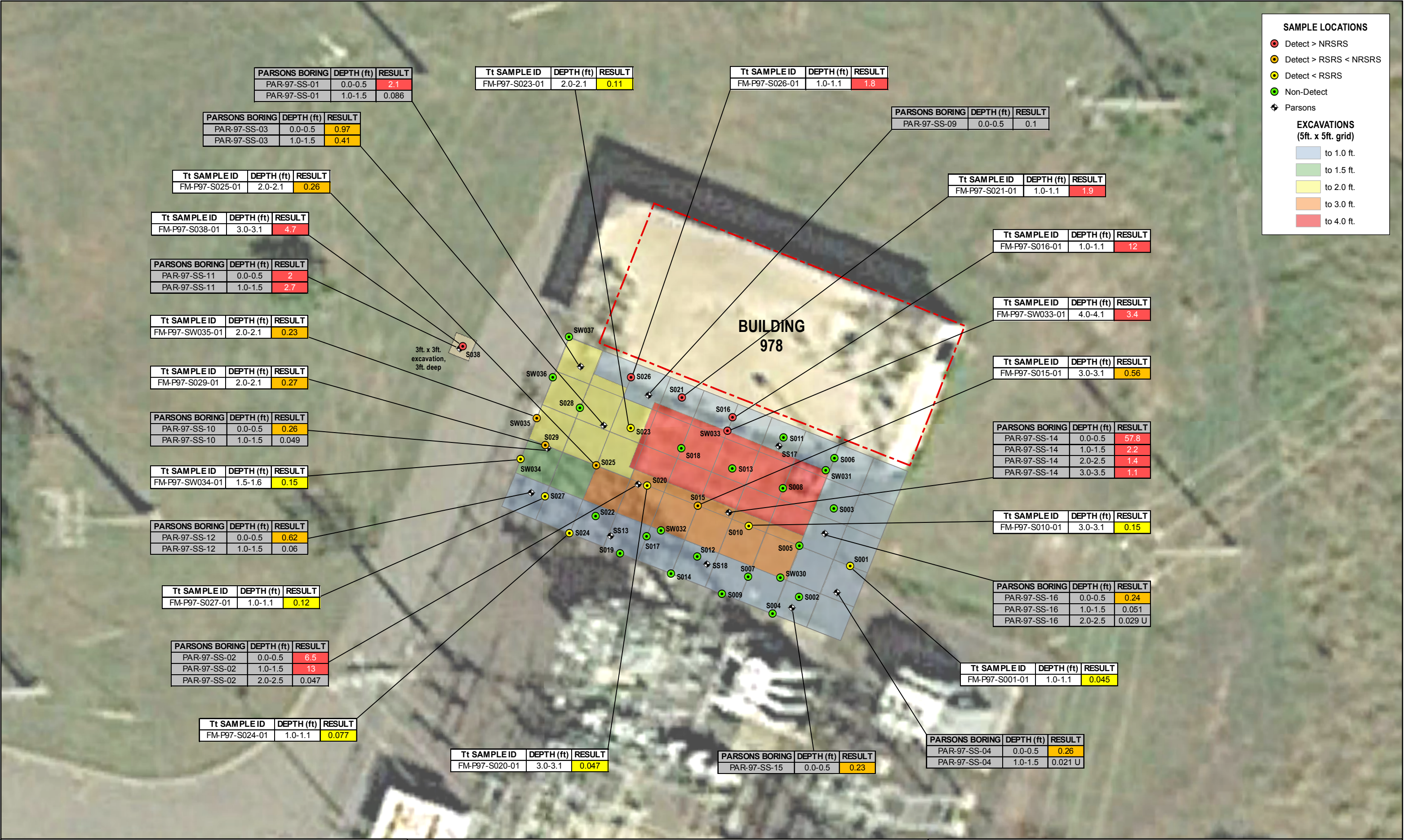
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ATTACHMENT 1

FIGURES



SAMPLE LOCATIONS

- Detect > NRSRS
- Detect > RSRS < NRSRS
- Detect < RSRS
- Non-Detect
- Parsons

EXCAVATIONS
(5ft. x 5ft. grid)

- to 1.0 ft.
- to 1.5 ft.
- to 2.0 ft.
- to 3.0 ft.
- to 4.0 ft.

NOTES:
1. All results are for Aroclor-1260
2. All results are expressed in units of mg/kg
3. The Impact to GW Residential Soil Screening Level and Residential Soil Remediation Standard (RSRS) is 0.2 mg/kg. Exceedances are shaded orange.
4. The Non-Residential Soil Remediation Standard (NRSRS) is 1.0 mg/kg. Exceedances are shaded red.
5. Detections beneath the Residential Cleanup Standard are shaded yellow.

FORT MONMOUTH, NJ
FIGURE 1 - PARCEL 97 HISTORIC AND PHASE I PCB SOIL SAMPLING

● TPH Detect

● TPH Non-Detect

○ Not Sampled

EXCAVATIONS

(5 ft. x 5 ft. grid)

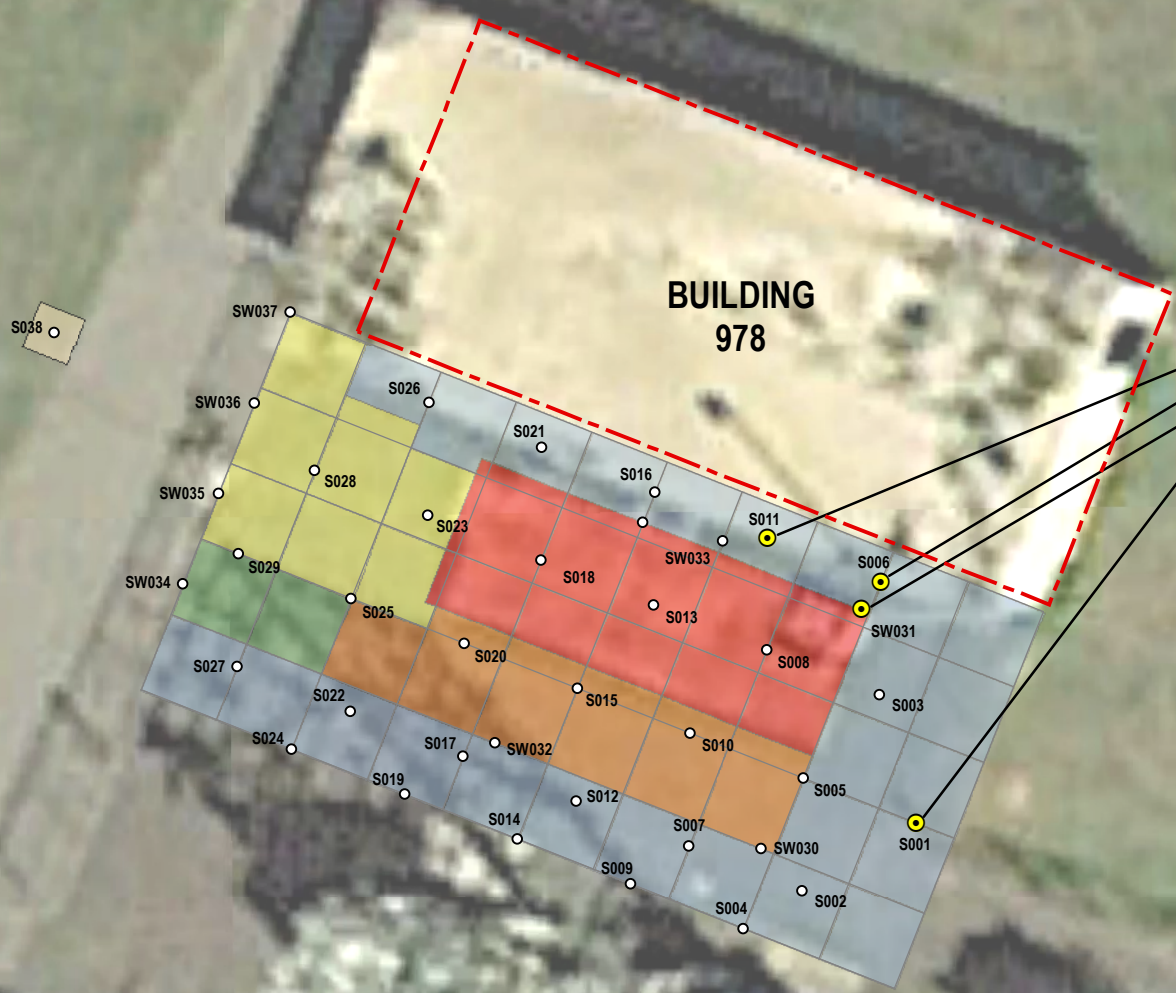
to 1.0 ft.

to 1.5 ft.

to 2.0 ft.

to 3.0 ft.

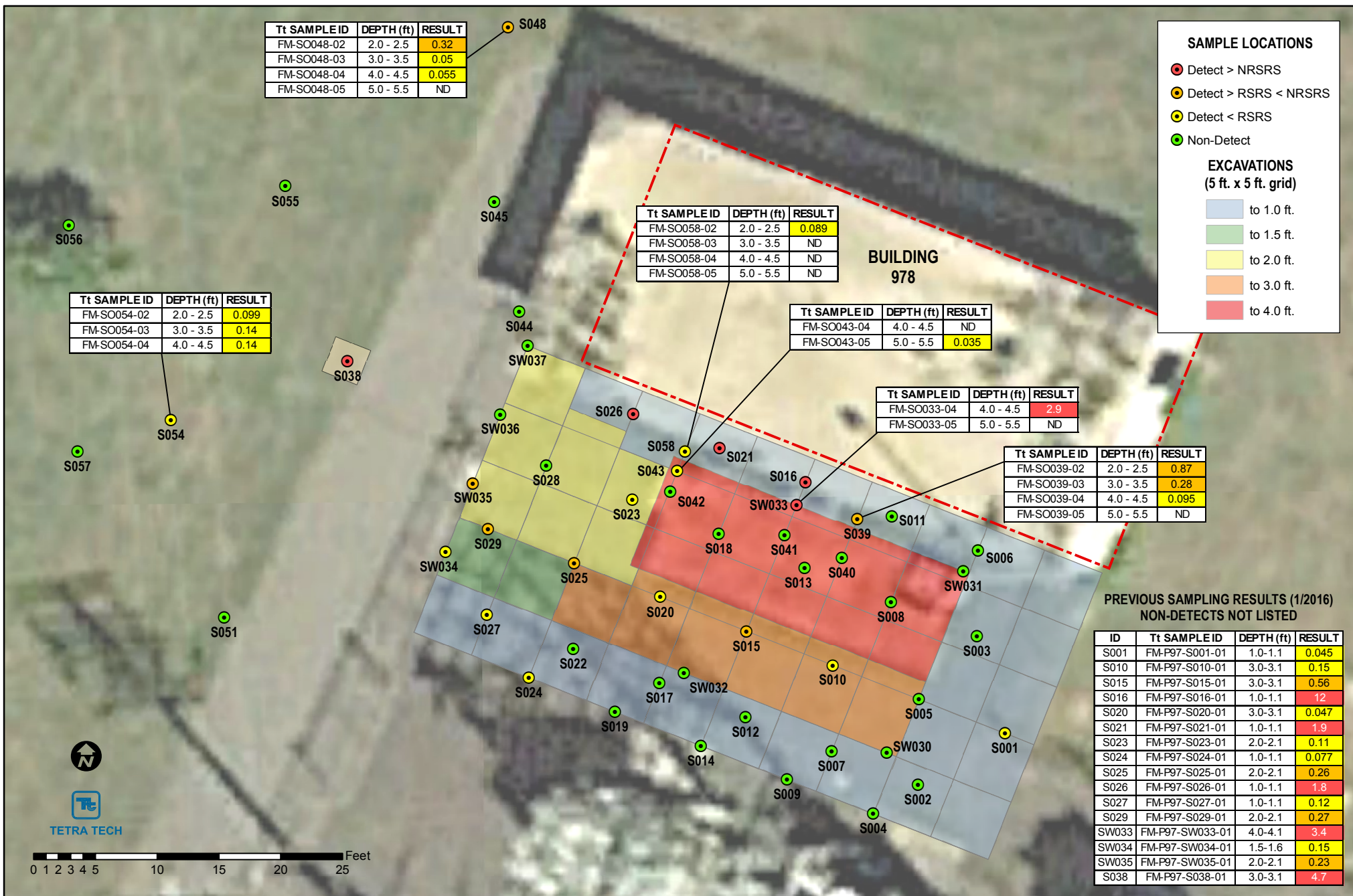
to 4.0 ft.



Parameter:		TPH (C9-C40)	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Naphthalene	Phenanthrene	Pyrene
RSRS:		n/a	230	3,400	n/a	17,000	0.6	0.2	0.6	380,000	6	62	0.2	2,300	2,300	0.6	6	n/a	1,700
NRSRS:		n/a	2,400	37,000	300,000	30,000	2	0.2	2	30,000	23	230	0.2	24,000	24,000	2	17	300,000	18,000
Tt SAMPLE ID	DEPTH (ft)	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT
FM-P97-S011-01	1.0-1.1	75	ND	ND	ND	0.064	0.28	0.28	0.39	0.22	0.15	0.34	0.064	0.55	ND	0.19	ND	0.32	0.61
FM-P97-S006-01	1.0-1.1	180	ND	ND	ND	0.048	0.32	0.33	0.47	0.23	0.17	0.39	0.068	0.59	ND	0.21	ND	0.21	0.64
FM-P97-SW031-01	4.0-4.1	85	ND	ND	ND	0.062	0.24	0.24	0.36	0.17	0.13	0.28	0.053	0.56	ND	0.15	0.027	0.29	0.48
FM-P97-S001-01	1.0-1.1	170	ND	ND	0.056	0.088	0.58	0.54	0.74	0.39	0.24	0.58	0.12	0.91	ND	0.36	0.014	0.45	1.1

NOTES:
1. All results are for Aroclor-1260
2. All results are expressed in units of mg/kg
3. The Impact to GW Residential Soil Screening Level and Residential Soil Remediation Standard (RSRS) is 0.2 mg/kg. Exceedances are shaded orange.
4. The Non-Residential Soil Remediation Standard (NRSRS) is 1.0 mg/kg. Exceedances are shaded red.
5. Detections beneath the Residential Cleanup Standard are shaded yellow.

FORT MONMOUTH, NJ
FIGURE 2 - PARCEL 97 PHASE I TPH PAHs SOIL SAMPLING



NOTES:

1. All results are for Aroclor-1260
2. All results are expressed in units of mg/kg
3. The Impact to GW Residential Soil Screening Level and Residential Soil Remediation Standard (RSRS) is 0.2 mg/kg. Exceedances are shaded orange.
4. The Non-Residential Soil Remediation Standard (NRSRS) is 1.0 mg/kg. Exceedances are shaded red.
5. Detections beneath the Residential Cleanup Standard are shaded yellow.

FORT MONMOUTH, NJ
FIGURE 3 - PARCEL 97 PHASE II PCB SOIL SAMPLING

ATTACHMENT 2
PHOTOGRAPHS



Photograph 1. Building 978, prior to excavating soil and concrete removal, view east, 4 January 2016.



Photograph 2. Building 978, utility clearance prior to excavating, view north, 4 January 2016.



Photograph 3. Building 978, soil excavation between Building 978 and concrete pad, view east 4 January 2016.



Photograph 4. Building 978, concrete pad and water in excavation, view north 5 January 2016.



Photograph 5. Building 978, concrete pad removal, view north, 6 January 2016.



Photograph 6. Building 978, excavation at S038, 7 January 2016.



Photograph 7. Building 978, post excavation, view west, 7 January 2016.



Photograph 8. Building 978, gravel backfill, view west, 7 January 2016.



Photograph 9. Building 978, compacted soil backfill, view east, 8 January 2016.



Photograph 10. Building 978, excavation after backfill completed, view east, 8 January 2016.



Photograph 11. Building 978, north wall of excavation at S038 to five feet, view north, 18 July 2016.



Photograph 12. Building 978, excavation at S048, view west, 18 July 2016.



Photograph 13. Building 978, excavation at S038, view north, 25 July 2016.



Photograph 14. Building 978, excavation at S048, view north, 25 July 2016.



Photograph 15. Building 978, excavation at S038, view north, 27 July 2016.



Photograph 16. Building 978, excavation at S048, view north, 27 July 2016.



Photograph 17. Building 978, electrical and ground wires at excavation along south side of building at Area 1 excavation, view north, 19 July 2016.



Photograph 18. Building 978, Area 1 excavation and Area 2 fill removed prior to excavation to 5 feet below ground surface, view east, 19 July 2016.



Photograph 19. Building 978, Area 1 excavation completed and fill removed at Area 2, view west, 20 July 2016.



Photograph 20. Building 978, Area 2 excavation, view east, 20 July 2016.



Photograph 21. Building 978, Area 1 and Area 2 excavations, view east, 20 July 2016.



Photograph 22. Building 978, removal of fill at Area 4 excavation, view west, 20 July 2016.



Photograph 23. Building 978, Area 4 excavated to 4 feet below ground surface, view west, 20 July 2016.



Photograph 24. Building 978, backfilling at Area 4 excavation, view west, 20 July 2016.



Photograph 25. Building 978, excavation between electrical lines at Area 3, view west, 21 July 2016.



Photograph 26. Building 978, excavation between electrical lines at Area 3, view north, 21 July 2016.



Photograph 27. Building 978, backfilled excavations, view east, 25 July 2016.



Photograph 28. Building 978, driveway paving, view south, 25 August 2016.



Photograph 29. Building 978, driveway paving completed, view north, 25 August 2016.



Photograph 30. Building 978, driveway paving completed, view east, 25 August 2016.



Photograph 31. Building 978, excavations at S038 and S048 seeded, view east, 26 August 2016.

ATTACHMENT 3
TABULATED ANALYTICAL RESULTS

Table 1
PCB Remediation at Building 978 (Parcel 97)
Excavation Confirmation PCB Sample Results
Fort Monmouth, New Jersey

Analytical Method Parameter Units RSRS (mg/kg) NRSRS (mg/kg)				EPA 8082A Aroclor (Total) mg/kg 0.2 1	EPA 8082A Aroclor-1016 mg/kg 0.2 1	EPA 8082A Aroclor-1221 mg/kg 0.2 1	EPA 8082A Aroclor-1232 mg/kg 0.2 1	EPA 8082A Aroclor-1242 mg/kg 0.2 1	EPA 8082A Aroclor-1248 mg/kg 0.2 1
Sample ID	Collection Date	Depth (ft bgs)	Matrix						
Phase I									
FM-P97-S001-01	1/5/2016	1 - 1.1	Soil	0.045	ND	ND	ND	ND	ND
FM-P97-S002-01	1/6/2016	1 - 1.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-S003-01	1/5/2016	1 - 1.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-S004-01	1/6/2016	1 - 1.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-S005-01	1/5/2016	1 - 1.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-S006-01	1/5/2016	1 - 1.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-S007-01	1/6/2016	1 - 1.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-S008-01	1/6/2016	4 - 4.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-S009-01	1/6/2016	1 - 1.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-S010-01	1/5/2016	3 - 3.1	Soil	0.15	ND	ND	ND	ND	ND
FM-P97-S011-01	1/5/2016	1 - 1.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-S012-01	1/6/2016	1 - 1.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-S013-01	1/6/2016	4 - 4.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-S013-01-FD	1/6/2016	4 - 4.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-S014-01	1/6/2016	1 - 1.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-S015-01	1/5/2016	3 - 3.1	Soil	0.56	ND	ND	ND	ND	ND
FM-P97-S016-01	1/5/2016	1 - 1.1	Soil	12	ND	ND	ND	ND	ND
FM-P97-S017-01	1/6/2016	1 - 1.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-S018-01	1/7/2016	4 - 4.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-S019-01	1/6/2016	1 - 1.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-S020-01	1/5/2016	3 - 3.1	Soil	0.047	ND	ND	ND	ND	ND
FM-P97-S021-01	1/5/2016	1 - 1.1	Soil	1.9	ND	ND	ND	ND	ND
FM-P97-S022-01	1/7/2016	1 - 1.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-S023-01	1/7/2016	2 - 2.1	Soil	0.11	ND	ND	ND	ND	ND
FM-P97-S024-01	1/7/2016	1 - 1.1	Soil	0.077	ND	ND	ND	ND	ND
FM-P97-S024-01-FD	1/7/2016	1 - 1.1	Soil	0.097	ND	ND	ND	ND	ND
FM-P97-S025-01	1/7/2016	2 - 2.1	Soil	0.26	ND	ND	ND	ND	ND
FM-P97-S026-01	1/6/2016	1 - 1.1	Soil	1.8	ND	ND	ND	ND	ND
FM-P97-S026-01-FD	1/6/2016	1 - 1.1	Soil	0.8	ND	ND	ND	ND	ND

Table 1
PCB Remediation at Building 978 (Parcel 97)
Excavation Confirmation PCB Sample Results
Fort Monmouth, New Jersey

Analytical Method Parameter Units RSRS (mg/kg) NRSRS (mg/kg)				EPA 8082A Aroclor (Total) mg/kg 0.2 1	EPA 8082A Aroclor-1016 mg/kg 0.2 1	EPA 8082A Aroclor-1221 mg/kg 0.2 1	EPA 8082A Aroclor-1232 mg/kg 0.2 1	EPA 8082A Aroclor-1242 mg/kg 0.2 1	EPA 8082A Aroclor-1248 mg/kg 0.2 1
Sample ID	Collection Date	Depth (ft bgs)	Matrix						
FM-P97-S027-01	1/7/2016	1 - 1.1	Soil	0.12	ND	ND	ND	ND	ND
FM-P97-S028-01	1/7/2016	2 - 2.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-S029-01	1/7/2016	2 - 2.1	Soil	0.27	ND	ND	ND	ND	ND
FM-P97-SW030-01	1/7/2016	3 - 3.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-SW031-01	1/7/2016	4 - 4.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-SW032-01	1/7/2016	3 - 3.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-SW032-01-FI	1/7/2016	3 - 3.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-SW033-01	1/7/2016	4 - 4.1	Soil	3.4	ND	ND	ND	ND	ND
FM-P97-SW034-01	1/7/2016	1.5 - 1.6	Soil	0.15	ND	ND	ND	ND	ND
FM-P97-SW035-01	1/7/2016	2 - 2.1	Soil	0.23	ND	ND	ND	ND	ND
FM-P97-SW036-01	1/7/2016	2 - 2.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-SW037-01	1/7/2016	2 - 2.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-SW038-01	1/7/2016	3 - 3.1	Soil	4.7	ND	ND	ND	ND	ND
Phase II									
FM-SO039-02	6/22/2016	2 - 2.5	Soil	0.87	ND	ND	ND	ND	ND
FM-SO044-02	6/24/2016	2 - 2.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO044-02-FD	6/24/2016	2 - 2.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO045-02	6/24/2016	2 - 2.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO048-02	6/24/2016	2 - 2.5	Soil	0.32	ND	ND	ND	ND	ND
FM-SO051-02	6/24/2016	2 - 2.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO051-02-FD	6/24/2016	2 - 2.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO054-02	6/24/2016	2 - 2.5	Soil	0.099	ND	ND	ND	ND	ND
FM-SO055-02	6/24/2016	2 - 2.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO057-02	6/24/2016	2 - 2.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO058-02	6/22/2016	2 - 2.5	Soil	0.089	ND	ND	ND	ND	ND
FM-SO039-03	6/22/2016	3 - 3.5	Soil	0.28	ND	ND	ND	ND	ND
FM-SO044-03	6/24/2016	3 - 3.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO045-03	6/24/2016	3 - 3.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO048-03	6/24/2016	3 - 3.5	Soil	0.05	ND	ND	ND	ND	ND
FM-SO051-03	6/24/2016	3 - 3.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO054-03	6/24/2016	3 - 3.5	Soil	0.14	ND	ND	ND	ND	ND
FM-SO054-03-FD	6/24/2016	3 - 3.5	Soil	0.14	ND	ND	ND	ND	ND

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Fort Monmouth, New Jersey

Analytical Method Parameter Units RSRS (mg/kg) NRSRS (mg/kg)				EPA 8082A Aroclor (Total) mg/kg 0.2 1	EPA 8082A Aroclor-1016 mg/kg 0.2 1	EPA 8082A Aroclor-1221 mg/kg 0.2 1	EPA 8082A Aroclor-1232 mg/kg 0.2 1	EPA 8082A Aroclor-1242 mg/kg 0.2 1	EPA 8082A Aroclor-1248 mg/kg 0.2 1
Sample ID	Collection Date	Depth (ft bgs)	Matrix						
FM-SO055-03	6/24/2016	3 - 3.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO055-03-FD	6/24/2016	3 - 3.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO056-03	6/24/2016	3 - 3.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO056-03-FD	6/24/2016	3 - 3.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO057-03	6/24/2016	3 - 3.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO058-03	6/22/2016	3 - 3.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO033-04	6/22/2016	4 - 4.5	Soil	2.9	ND	ND	ND	ND	ND
FM-SO039-04	6/22/2016	4 - 4.5	Soil	0.095	ND	ND	ND	ND	ND
FM-SO040-04	6/22/2016	4 - 4.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO041-04	6/22/2016	4 - 4.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO042-04	6/22/2016	4 - 4.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO043-04	6/22/2016	4 - 4.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO044-04	6/24/2016	4 - 4.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO045-04	6/24/2016	4 - 4.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO048-04	6/24/2016	4 - 4.5	Soil	0.055	ND	ND	ND	ND	ND
FM-SO048-04-FD	6/24/2016	4 - 4.5	Soil	0.053	ND	ND	ND	ND	ND
FM-SO051-04	6/24/2016	4 - 4.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO054-04	6/24/2016	4 - 4.5	Soil	0.14	ND	ND	ND	ND	ND
FM-SO055-04	6/24/2016	4 - 4.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO057-04	6/24/2016	4 - 4.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO058-04	6/22/2016	4 - 4.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO033-05	6/22/2016	5 - 5.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO039-05	6/22/2016	5 - 5.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO040-05	6/22/2016	5 - 5.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO041-05	6/22/2016	5 - 5.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO042-05	6/22/2016	5 - 5.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO043-05	6/22/2016	5 - 5.5	Soil	0.035	ND	ND	ND	ND	ND
FM-SO044-05	6/24/2016	5 - 5.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO045-05	6/24/2016	5 - 5.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO048-05	6/24/2016	5 - 5.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO057-05	6/24/2016	5 - 5.5	Soil	ND	ND	ND	ND	ND	ND
FM-SO058-05	6/22/2016	5 - 5.5	Soil	ND	ND	ND	ND	ND	ND

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PCB Remediation at Building 978 (Parcel 97)
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Fort Monmouth, New Jersey

Analytical Method Parameter Units RSRS (mg/kg) NRSRS (mg/kg)				EPA 8082A Aroclor (Total) mg/kg 0.2 1	EPA 8082A Aroclor-1016 mg/kg 0.2 1	EPA 8082A Aroclor-1221 mg/kg 0.2 1	EPA 8082A Aroclor-1232 mg/kg 0.2 1	EPA 8082A Aroclor-1242 mg/kg 0.2 1	EPA 8082A Aroclor-1248 mg/kg 0.2 1
Sample ID	Collection Date	Depth (ft bgs)	Matrix						
Phase III									
FM-P97-S059-01	7/18/2016	3 - 3.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-SW060-01	7/18/2016	2 - 2.1	Soil	0.11	ND	ND	ND	ND	ND
FM-P97-SW061-01	7/18/2016	1.8 - 1.9	Soil	0.67	ND	ND	ND	ND	ND
FM-P97-S062-01	7/18/2016	5 - 5.1	Soil	ND	ND	ND	ND	ND	ND
FM-P97-SW063-01	7/18/2016	2.5 - 2.6	Soil	0.093	ND	ND	ND	ND	ND
FM-P97-SW064-01	7/18/2016	2.6 - 2.7	Soil	4.4	ND	ND	ND	ND	ND
FM-P97-S065-01	7/19/2016	3 - 3	Soil	0.16	ND	ND	ND	ND	ND
FM-P97-S066-01	7/19/2016	2.8 - 2.8	Soil	0.049	ND	ND	ND	ND	ND
FM-P97-S067-01	7/19/2016	2.4 - 2.4	Soil	ND	ND	ND	ND	ND	ND
FM-P97-S068-01	7/22/2016	0 - 3	Soil	----	ND	ND	ND	ND	ND
FM-P97-S069-01	7/25/2016	0 - 3	Soil	----	ND	ND	ND	ND	ND
FM-P97-S069-FD	7/25/2016	0 - 3	Soil	----	ND	ND	ND	ND	ND
FM-P97-SW070-01	7/27/2016	0 - 3	Soil	0.096	ND	ND	ND	ND	ND

Notes:

mg/kg milligrams per kilogram

 New Jersey Department of
Environmental Protection (NJDEP)
Soil Remediation Standards (June 2,
2008) Residential criteria.

RSRS New Jersey Department of
Environmental Protection (NJDEP)
Soil Remediation Standards (June 2,
2008) Non-Residential criteria.

NRSRS

FD Field Duplicate

ND Not Detected

N/A No criterion derived for this constituent.

----	Not analyzed.
	Detected result less than RSRS and less than NRSRS criteria shown.
	Detected result exceeds RSRS but less than NRSRS criteria shown.
	Detected result exceeds RSRS and exceeds NRSRS criteria shown.

Table 1
PCB Remediation at Building 978 (Parcel 97)
Excavation Confirmation PCB Sample Results
Fort Monmouth, New Jersey

Analytical Method Parameter Units RSRS (mg/kg) NRSRS (mg/kg)				EPA 8082A Aroclor-1254 mg/kg 0.2 1	EPA 8082A Aroclor-1260 mg/kg 0.2 1	EPA 8082A Aroclor-1262 mg/kg NA NA	EPA 8082A Aroclor-1268 mg/kg NA NA
Sample ID	Collection Date	Depth (ft bgs)	Matrix				
Phase I							
FM-P97-S001-01	1/5/2016	1 - 1.1	Soil	ND	0.045	ND	ND
FM-P97-S002-01	1/6/2016	1 - 1.1	Soil	ND	ND	ND	ND
FM-P97-S003-01	1/5/2016	1 - 1.1	Soil	ND	ND	ND	ND
FM-P97-S004-01	1/6/2016	1 - 1.1	Soil	ND	ND	ND	ND
FM-P97-S005-01	1/5/2016	1 - 1.1	Soil	ND	ND	ND	ND
FM-P97-S006-01	1/5/2016	1 - 1.1	Soil	ND	ND	ND	ND
FM-P97-S007-01	1/6/2016	1 - 1.1	Soil	ND	ND	ND	ND
FM-P97-S008-01	1/6/2016	4 - 4.1	Soil	ND	ND	ND	ND
FM-P97-S009-01	1/6/2016	1 - 1.1	Soil	ND	ND	ND	ND
FM-P97-S010-01	1/5/2016	3 - 3.1	Soil	ND	0.15	ND	ND
FM-P97-S011-01	1/5/2016	1 - 1.1	Soil	ND	ND	ND	ND
FM-P97-S012-01	1/6/2016	1 - 1.1	Soil	ND	ND	ND	ND
FM-P97-S013-01	1/6/2016	4 - 4.1	Soil	ND	ND	ND	ND
FM-P97-S013-01-FD	1/6/2016	4 - 4.1	Soil	ND	ND	ND	ND
FM-P97-S014-01	1/6/2016	1 - 1.1	Soil	ND	ND	ND	ND
FM-P97-S015-01	1/5/2016	3 - 3.1	Soil	ND	0.56	ND	ND
FM-P97-S016-01	1/5/2016	1 - 1.1	Soil	ND	12	ND	ND
FM-P97-S017-01	1/6/2016	1 - 1.1	Soil	ND	ND	ND	ND
FM-P97-S018-01	1/7/2016	4 - 4.1	Soil	ND	ND	ND	ND
FM-P97-S019-01	1/6/2016	1 - 1.1	Soil	ND	ND	ND	ND
FM-P97-S020-01	1/5/2016	3 - 3.1	Soil	ND	0.047	ND	ND
FM-P97-S021-01	1/5/2016	1 - 1.1	Soil	ND	1.9	ND	ND
FM-P97-S022-01	1/7/2016	1 - 1.1	Soil	ND	ND	ND	ND
FM-P97-S023-01	1/7/2016	2 - 2.1	Soil	ND	0.11	ND	ND
FM-P97-S024-01	1/7/2016	1 - 1.1	Soil	ND	0.077	ND	ND
FM-P97-S024-01-FD	1/7/2016	1 - 1.1	Soil	ND	0.097	ND	ND
FM-P97-S025-01	1/7/2016	2 - 2.1	Soil	ND	0.26	ND	ND
FM-P97-S026-01	1/6/2016	1 - 1.1	Soil	ND	1.8	ND	ND
FM-P97-S026-01-FD	1/6/2016	1 - 1.1	Soil	ND	0.8	ND	ND

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Sample ID	Collection Date	Depth (ft bgs)	Matrix				
FM-P97-S027-01	1/7/2016	1 - 1.1	Soil	ND	0.12	ND	ND
FM-P97-S028-01	1/7/2016	2 - 2.1	Soil	ND	ND	ND	ND
FM-P97-S029-01	1/7/2016	2 - 2.1	Soil	ND	0.27	ND	ND
FM-P97-SW030-01	1/7/2016	3 - 3.1	Soil	ND	ND	ND	ND
FM-P97-SW031-01	1/7/2016	4 - 4.1	Soil	ND	ND	ND	ND
FM-P97-SW032-01	1/7/2016	3 - 3.1	Soil	ND	ND	ND	ND
FM-P97-SW032-01-FI	1/7/2016	3 - 3.1	Soil	ND	ND	ND	ND
FM-P97-SW033-01	1/7/2016	4 - 4.1	Soil	ND	3.4	ND	ND
FM-P97-SW034-01	1/7/2016	1.5 - 1.6	Soil	ND	0.15	ND	ND
FM-P97-SW035-01	1/7/2016	2 - 2.1	Soil	ND	0.23	ND	ND
FM-P97-SW036-01	1/7/2016	2 - 2.1	Soil	ND	ND	ND	ND
FM-P97-SW037-01	1/7/2016	2 - 2.1	Soil	ND	ND	ND	ND
FM-P97-SW038-01	1/7/2016	3 - 3.1	Soil	ND	4.7	ND	ND
Phase II							
FM-SO039-02	6/22/2016	2 - 2.5	Soil	ND	0.87	ND	ND
FM-SO044-02	6/24/2016	2 - 2.5	Soil	ND	ND	ND	ND
FM-SO044-02-FD	6/24/2016	2 - 2.5	Soil	ND	ND	ND	ND
FM-SO045-02	6/24/2016	2 - 2.5	Soil	ND	ND	ND	ND
FM-SO048-02	6/24/2016	2 - 2.5	Soil	ND	0.32	ND	ND
FM-SO051-02	6/24/2016	2 - 2.5	Soil	ND	ND	ND	ND
FM-SO051-02-FD	6/24/2016	2 - 2.5	Soil	ND	ND	ND	ND
FM-SO054-02	6/24/2016	2 - 2.5	Soil	ND	0.099	ND	ND
FM-SO055-02	6/24/2016	2 - 2.5	Soil	ND	ND	ND	ND
FM-SO057-02	6/24/2016	2 - 2.5	Soil	ND	ND	ND	ND
FM-SO058-02	6/22/2016	2 - 2.5	Soil	ND	0.089	ND	ND
FM-SO039-03	6/22/2016	3 - 3.5	Soil	ND	0.28	ND	ND
FM-SO044-03	6/24/2016	3 - 3.5	Soil	ND	ND	ND	ND
FM-SO045-03	6/24/2016	3 - 3.5	Soil	ND	ND	ND	ND
FM-SO048-03	6/24/2016	3 - 3.5	Soil	ND	0.05	ND	ND
FM-SO051-03	6/24/2016	3 - 3.5	Soil	ND	ND	ND	ND
FM-SO054-03	6/24/2016	3 - 3.5	Soil	ND	0.14	ND	ND
FM-SO054-03-FD	6/24/2016	3 - 3.5	Soil	ND	0.14	ND	ND

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Fort Monmouth, New Jersey

Analytical Method Parameter Units RSRS (mg/kg) NRSRS (mg/kg)				EPA 8082A Aroclor-1254 mg/kg 0.2 1	EPA 8082A Aroclor-1260 mg/kg 0.2 1	EPA 8082A Aroclor-1262 mg/kg NA NA	EPA 8082A Aroclor-1268 mg/kg NA NA
Sample ID	Collection Date	Depth (ft bgs)	Matrix				
FM-SO055-03	6/24/2016	3 - 3.5	Soil	ND	ND	ND	ND
FM-SO055-03-FD	6/24/2016	3 - 3.5	Soil	ND	ND	ND	ND
FM-SO056-03	6/24/2016	3 - 3.5	Soil	ND	ND	ND	ND
FM-SO056-03-FD	6/24/2016	3 - 3.5	Soil	ND	ND	ND	ND
FM-SO057-03	6/24/2016	3 - 3.5	Soil	ND	ND	ND	ND
FM-SO058-03	6/22/2016	3 - 3.5	Soil	ND	ND	ND	ND
FM-SO033-04	6/22/2016	4 - 4.5	Soil	ND	2.9	ND	ND
FM-SO039-04	6/22/2016	4 - 4.5	Soil	ND	0.095	ND	ND
FM-SO040-04	6/22/2016	4 - 4.5	Soil	ND	ND	ND	ND
FM-SO041-04	6/22/2016	4 - 4.5	Soil	ND	ND	ND	ND
FM-SO042-04	6/22/2016	4 - 4.5	Soil	ND	ND	ND	ND
FM-SO043-04	6/22/2016	4 - 4.5	Soil	ND	ND	ND	ND
FM-SO044-04	6/24/2016	4 - 4.5	Soil	ND	ND	ND	ND
FM-SO045-04	6/24/2016	4 - 4.5	Soil	ND	ND	ND	ND
FM-SO048-04	6/24/2016	4 - 4.5	Soil	ND	0.055	ND	ND
FM-SO048-04-FD	6/24/2016	4 - 4.5	Soil	ND	0.053	ND	ND
FM-SO051-04	6/24/2016	4 - 4.5	Soil	ND	ND	ND	ND
FM-SO054-04	6/24/2016	4 - 4.5	Soil	ND	0.14	ND	ND
FM-SO055-04	6/24/2016	4 - 4.5	Soil	ND	ND	ND	ND
FM-SO057-04	6/24/2016	4 - 4.5	Soil	ND	ND	ND	ND
FM-SO058-04	6/22/2016	4 - 4.5	Soil	ND	ND	ND	ND
FM-SO033-05	6/22/2016	5 - 5.5	Soil	ND	ND	ND	ND
FM-SO039-05	6/22/2016	5 - 5.5	Soil	ND	ND	ND	ND
FM-SO040-05	6/22/2016	5 - 5.5	Soil	ND	ND	ND	ND
FM-SO041-05	6/22/2016	5 - 5.5	Soil	ND	ND	ND	ND
FM-SO042-05	6/22/2016	5 - 5.5	Soil	ND	ND	ND	ND
FM-SO043-05	6/22/2016	5 - 5.5	Soil	ND	0.035	ND	ND
FM-SO044-05	6/24/2016	5 - 5.5	Soil	ND	ND	ND	ND
FM-SO045-05	6/24/2016	5 - 5.5	Soil	ND	ND	ND	ND
FM-SO048-05	6/24/2016	5 - 5.5	Soil	ND	ND	ND	ND
FM-SO057-05	6/24/2016	5 - 5.5	Soil	ND	ND	ND	ND
FM-SO058-05	6/22/2016	5 - 5.5	Soil	ND	ND	ND	ND

Table 1
PCB Remediation at Building 978 (Parcel 97)
Excavation Confirmation PCB Sample Results
Fort Monmouth, New Jersey

Analytical Method Parameter Units RSRS (mg/kg) NRSRS (mg/kg)				EPA 8082A Aroclor-1254 mg/kg 0.2 1	EPA 8082A Aroclor-1260 mg/kg 0.2 1	EPA 8082A Aroclor-1262 mg/kg NA NA	EPA 8082A Aroclor-1268 mg/kg NA NA
Sample ID	Collection Date	Depth (ft bgs)	Matrix				
Phase III							
FM-P97-S059-01	7/18/2016	3 - 3.1	Soil	ND	ND	ND	ND
FM-P97-SW060-01	7/18/2016	2 - 2.1	Soil	ND	0.11	ND	ND
FM-P97-SW061-01	7/18/2016	1.8 - 1.9	Soil	ND	0.67	ND	ND
FM-P97-S062-01	7/18/2016	5 - 5.1	Soil	ND	ND	ND	ND
FM-P97-SW063-01	7/18/2016	2.5 - 2.6	Soil	ND	0.093	ND	ND
FM-P97-SW064-01	7/18/2016	2.6 - 2.7	Soil	ND	4.4	ND	ND
FM-P97-S065-01	7/19/2016	3 - 3	Soil	ND	0.16	ND	ND
FM-P97-S066-01	7/19/2016	2.8 - 2.8	Soil	ND	0.049	ND	ND
FM-P97-S067-01	7/19/2016	2.4 - 2.4	Soil	ND	ND	ND	ND
FM-P97-S068-01	7/22/2016	0 - 3	Soil	ND	0.0505	ND	ND
FM-P97-S069-01	7/25/2016	0 - 3	Soil	ND	0.222	ND	ND
FM-P97-S069-FD	7/25/2016	0 - 3	Soil	ND	0.351	ND	ND
FM-P97-SW070-01	7/27/2016	0 - 3	Soil	ND	0.096	ND	ND

Notes:

mg/kg

milligrams per kilogram

New Jersey Department of
Environmental Protection (NJDEP)
Soil Remediation Standards (June 2,
2008) Residential criteria.

RSRS

New Jersey Department of
Environmental Protection (NJDEP)
Soil Remediation Standards (June 2,
2008) Non-Residential criteria.

NRSRS

FD

Field Duplicate

ND

Not Detected

N/A

No criterion derived for this constituent

Not analyzed.

Detected result less than RSRS and
less than NRSRS criteria shown.

Detected result exceeds RSRS but
less than NRSRS criteria shown.

Detected result exceeds RSRS and
exceeds NRSRS criteria shown.

Table 2
PCB Remediation at Building 978 (Parcel 97)
Excavation Confirmation EPH and PAH Sample Results
Fort Monmouth, New Jersey

Analytical Method Parameter Units RSRS (mg/kg) NRSRS (mg/kg)				NJEPHRev3B C9-C40 mg/kg NA NA	EPA 8270D 2-Methylnaphthalene mg/kg 230 2,400	EPA 8270D Acenaphthene mg/kg 3,400 37,000	EPA 8270D Acenaphthylene mg/kg NA 300,000	EPA 8270D Anthracene mg/kg 17,000 30,000	EPA 8270D Benzo[a]anthracene mg/kg 0.6 2	EPA 8270D Benzo[a]pyrene mg/kg 0.2 0.2
Sample ID	Collection Date	Depth (ft bgs)	Matrix							
Phase I Sampling										
FM-P97-S001-01	1/5/2016	1 - 1.1	Soil	170	ND	ND	0.056	0.088	0.58	0.54
FM-P97-S002-01	1/6/2016	1 - 1.1	Soil	ND	----	----	----	----	----	----
FM-P97-S003-01	1/5/2016	1 - 1.1	Soil	ND	----	----	----	----	----	----
FM-P97-SW030-01	1/7/2016	3 - 3.1	Soil	ND	----	----	----	----	----	----
FM-P97-SW031-01	1/7/2016	4 - 4.1	Soil	85	ND	ND	ND	0.062	0.24	0.24
FM-P97-SW032-01	1/7/2016	3 - 3.1	Soil	ND	----	----	----	----	----	----
FM-P97-SW032-01-FD	1/7/2016	3 - 3.1	Soil	ND	----	----	----	----	----	----
FM-P97-SW033-01	1/7/2016	4 - 4.1	Soil	ND	----	----	----	----	----	----
FM-P97-SW034-01	1/7/2016	1.5 - 1.6	Soil	ND	----	----	----	----	----	----
FM-P97-SW035-01	1/7/2016	2 - 2.1	Soil	ND	----	----	----	----	----	----
FM-P97-SW036-01	1/7/2016	2 - 2.1	Soil	ND	----	----	----	----	----	----
FM-P97-SW037-01	1/7/2016	2 - 2.1	Soil	ND	----	----	----	----	----	----
FM-P97-SW038-01	1/7/2016	3 - 3.1	Soil	ND	----	----	----	----	----	----
FM-P97-S004-01	1/6/2016	1 - 1.1	Soil	ND	----	----	----	----	----	----
FM-P97-S005-01	1/5/2016	1 - 1.1	Soil	ND	----	----	----	----	----	----
FM-P97-S006-01	1/5/2016	1 - 1.1	Soil	180	ND	ND	ND	0.048	0.32	0.33
FM-P97-S007-01	1/6/2016	1 - 1.1	Soil	ND	----	----	----	----	----	----
FM-P97-S008-01	1/6/2016	4 - 4.1	Soil	ND	----	----	----	----	----	----
FM-P97-S009-01	1/6/2016	1 - 1.1	Soil	ND	----	----	----	----	----	----
FM-P97-S010-01	1/5/2016	3 - 3.1	Soil	ND	----	----	----	----	----	----
FM-P97-S011-01	1/5/2016	1 - 1.1	Soil	75	ND	ND	ND	0.064	0.28	0.28
FM-P97-S012-01	1/6/2016	1 - 1.1	Soil	ND	----	----	----	----	----	----
FM-P97-S013-01	1/6/2016	4 - 4.1	Soil	ND	----	----	----	----	----	----
FM-P97-S013-01-FD	1/6/2016	4 - 4.1	Soil	ND	----	----	----	----	----	----
FM-P97-S014-01	1/6/2016	1 - 1.1	Soil	ND	----	----	----	----	----	----
FM-P97-S015-01	1/5/2016	3 - 3.1	Soil	ND	----	----	----	----	----	----
FM-P97-S016-01	1/5/2016	1 - 1.1	Soil	ND	----	----	----	----	----	----
FM-P97-S017-01	1/6/2016	1 - 1.1	Soil	ND	----	----	----	----	----	----
FM-P97-S018-01	1/7/2016	4 - 4.1	Soil	ND	----	----	----	----	----	----
FM-P97-S019-01	1/6/2016	1 - 1.1	Soil	ND	----	----	----	----	----	----
FM-P97-S020-01	1/5/2016	3 - 3.1	Soil	ND	----	----	----	----	----	----

Table 2
PCB Remediation at Building 978 (Parcel 97)
Excavation Confirmation EPH and PAH Sample Results
Fort Monmouth, New Jersey

Analytical Method Parameter Units RSRS (mg/kg) NRSRS (mg/kg)				NJEPHRev3B C9-C40 mg/kg NA NA	EPA 8270D 2-Methylnaphthalene mg/kg 230 2,400	EPA 8270D Acenaphthene mg/kg 3,400 37,000	EPA 8270D Acenaphthylene mg/kg NA 300,000	EPA 8270D Anthracene mg/kg 17,000 30,000	EPA 8270D Benzo[a]anthracene mg/kg 0.6 2	EPA 8270D Benzo[a]pyrene mg/kg 0.2 0.2
Sample ID	Collection Date	Depth (ft bgs)	Matrix							
FM-P97-S021-01	1/5/2016	1 - 1.1	Soil	ND	----	----	----	----	----	----
FM-P97-S022-01	1/7/2016	1 - 1.1	Soil	ND	----	----	----	----	----	----
FM-P97-S023-01	1/7/2016	2 - 2.1	Soil	ND	----	----	----	----	----	----
FM-P97-S024-01	1/7/2016	1 - 1.1	Soil	ND	----	----	----	----	----	----
FM-P97-S024-01-FD	1/7/2016	1 - 1.1	Soil	ND	----	----	----	----	----	----
FM-P97-S025-01	1/7/2016	2 - 2.1	Soil	ND	----	----	----	----	----	----
FM-P97-S026-01	1/6/2016	1 - 1.1	Soil	ND	----	----	----	----	----	----
FM-P97-S026-01-FD	1/6/2016	1 - 1.1	Soil	ND	----	----	----	----	----	----
FM-P97-S027-01	1/7/2016	1 - 1.1	Soil	ND	----	----	----	----	----	----
FM-P97-S028-01	1/7/2016	2 - 2.1	Soil	ND	----	----	----	----	----	----
FM-P97-S029-01	1/7/2016	2 - 2.1	Soil	ND	----	----	----	----	----	----
Phase II Sampling										
FM-SO033-04	6/22/2016	4 - 4.5	Soil	ND	ND	ND	ND	ND	ND	ND
FM-SO033-05	6/22/2016	5 - 5.5	Soil	ND	----	----	----	----	----	----
FM-SO039-02	6/22/2016	2 - 2.5	Soil	ND	ND	ND	ND	ND	0.063	0.047
FM-SO039-03	6/22/2016	3 - 3.5	Soil	350	ND	ND	0.12	0.06	0.21	0.26
FM-SO039-04	6/22/2016	4 - 4.5	Soil	4000	----	----	----	----	----	----
FM-SO039-05	6/22/2016	5 - 5.5	Soil	ND	----	----	----	----	----	----
FM-SO040-04	6/22/2016	4 - 4.5	Soil	ND	----	----	----	----	----	----
FM-SO040-05	6/22/2016	5 - 5.5	Soil	ND	----	----	----	----	----	----
FM-SO041-04	6/22/2016	4 - 4.5	Soil	ND	----	----	----	----	----	----
FM-SO041-05	6/22/2016	5 - 5.5	Soil	ND	----	----	----	----	----	----
FM-SO042-04	6/22/2016	4 - 4.5	Soil	ND	----	----	----	----	----	----
FM-SO042-05	6/22/2016	5 - 5.5	Soil	ND	----	----	----	----	----	----
FM-SO043-04	6/22/2016	4 - 4.5	Soil	ND	----	----	----	----	----	----
FM-SO043-05	6/22/2016	5 - 5.5	Soil	ND	----	----	----	----	----	----
FM-SO044-02	6/24/2016	2 - 2.5	Soil	190	----	----	----	----	----	----
FM-SO044-02-FD	6/24/2016	2 - 2.5	Soil	ND	----	----	----	----	----	----
FM-SO044-03	6/24/2016	3 - 3.5	Soil	400	----	----	----	----	----	----
FM-SO044-04	6/24/2016	4 - 4.5	Soil	ND	----	----	----	----	----	----
FM-SO044-05	6/24/2016	5 - 5.5	Soil	ND	----	----	----	----	----	----
FM-SO045-02	6/24/2016	2 - 2.5	Soil	72	----	----	----	----	----	----

Table 2
PCB Remediation at Building 978 (Parcel 97)
Excavation Confirmation EPH and PAH Sample Results
Fort Monmouth, New Jersey

Analytical Method				NJEPHRev3B	EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D
Parameter				C9-C40	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzof[a]anthracene	Benzof[a]pyrene
Units				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RSRS (mg/kg)				NA	230	3,400	NA	17,000	0.6	0.2
NRSRS (mg/kg)				NA	2,400	37,000	300,000	30,000	2	0.2
Sample ID	Collection Date	Depth (ft bgs)	Matrix							
FM-SO045-03	6/24/2016	3 - 3.5	Soil	ND	----	----	----	----	----	----
FM-SO045-04	6/24/2016	4 - 4.5	Soil	ND	----	----	----	----	----	----
FM-SO045-05	6/24/2016	5 - 5.5	Soil	ND	----	----	----	----	----	----
FM-SO048-02	6/24/2016	2 - 2.5	Soil	ND	ND	ND	ND	ND	0.056	0.053
FM-SO048-03	6/24/2016	3 - 3.5	Soil	ND	----	----	----	----	----	----
FM-SO048-04	6/24/2016	4 - 4.5	Soil	ND	----	----	----	----	----	----
FM-SO048-04-FD	6/24/2016	4 - 4.5	Soil	ND	----	----	----	----	----	----
FM-SO048-05	6/24/2016	5 - 5.5	Soil	ND	----	----	----	----	----	----
FM-SO051-02	6/24/2016	2 - 2.5	Soil	ND	----	----	----	----	----	----
FM-SO051-02-FD	6/24/2016	2 - 2.5	Soil	ND	----	----	----	----	----	----
FM-SO051-03	6/24/2016	3 - 3.5	Soil	ND	----	----	----	----	----	----
FM-SO051-04	6/24/2016	4 - 4.5	Soil	ND	----	----	----	----	----	----
FM-SO054-02	6/24/2016	2 - 2.5	Soil	ND	----	----	----	----	----	----
FM-SO054-03	6/24/2016	3 - 3.5	Soil	ND	----	----	----	----	----	----
FM-SO054-03-FD	6/24/2016	3 - 3.5	Soil	ND	----	----	----	----	----	----
FM-SO054-04	6/24/2016	4 - 4.5	Soil	ND	----	----	----	----	----	----
FM-SO055-02	6/24/2016	2 - 2.5	Soil	ND	----	----	----	----	----	----
FM-SO055-03	6/24/2016	3 - 3.5	Soil	ND	----	----	----	----	----	----
FM-SO055-03-FD	6/24/2016	3 - 3.5	Soil	ND	----	----	----	----	----	----
FM-SO055-04	6/24/2016	4 - 4.5	Soil	ND	----	----	----	----	----	----
FM-SO056-03	6/24/2016	3 - 3.5	Soil	ND	----	----	----	----	----	----
FM-SO056-03-FD	6/24/2016	3 - 3.5	Soil	ND	----	----	----	----	----	----
FM-SO057-02	6/24/2016	2 - 2.5	Soil	ND	----	----	----	----	----	----
FM-SO057-03	6/24/2016	3 - 3.5	Soil	ND	----	----	----	----	----	----
FM-SO057-04	6/24/2016	4 - 4.5	Soil	ND	----	----	----	----	----	----
FM-SO057-05	6/24/2016	5 - 5.5	Soil	ND	----	----	----	----	----	----
FM-SO058-02	6/22/2016	2 - 2.5	Soil	ND	----	----	----	----	----	----
FM-SO058-03	6/22/2016	3 - 3.5	Soil	ND	----	----	----	----	----	----
FM-SO058-04	6/22/2016	4 - 4.5	Soil	ND	----	----	----	----	----	----
FM-SO058-05	6/22/2016	5 - 5.5	Soil	ND	----	----	----	----	----	----
Phase III Sampling										
FM-P97-S059-01	7/18/2016	3 - 3.1	Soil	ND	----	----	----	----	----	----

Table 2
PCB Remediation at Building 978 (Parcel 97)
Excavation Confirmation EPH and PAH Sample Results
Fort Monmouth, New Jersey

Analytical Method				NJEPHRev3B	EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D
Parameter				C9-C40	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene
Units				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RSRS (mg/kg)				NA	230	3,400	NA	17,000	0.6	0.2
NRSRS (mg/kg)				NA	2,400	37,000	300,000	30,000	2	0.2
Sample ID	Collection Date	Depth (ft bgs)	Matrix							
FM-P97-SW060-01	7/18/2016	2 - 2.1	Soil	ND	----	----	----	----	----	----
FM-P97-SW061-01	7/18/2016	1.8 - 1.9	Soil	ND	----	----	----	----	----	----
FM-P97-S062-01	7/18/2016	5 - 5.1	Soil	ND	----	----	----	----	----	----
FM-P97-SW063-01	7/18/2016	2.5 - 2.6	Soil	ND	----	----	----	----	----	----
FM-P97-SW064-01	7/18/2016	2.6 - 2.7	Soil	ND	----	----	----	----	----	----
FM-P97-S065-01	7/19/2016	3 - 3	Soil	ND	----	----	----	----	----	----
FM-P97-S066-01	7/19/2016	2.8 - 2.8	Soil	ND	----	----	----	----	----	----
FM-P97-S067-01	7/19/2016	2.4 - 2.4	Soil	ND	----	----	----	----	----	----
FM-P97-S068-01	7/22/2016	0 - 3	Soil	ND	----	----	----	----	----	----
FM-P97-S069-01	7/25/2016	0 - 3	Soil	84	ND	ND	ND	ND	0.23	0.21
FM-P97-S069-FD	7/25/2016	0 - 3	Soil	86	----	----	----	----	----	----
FM-P97-SW070-01	7/27/2016	0 - 3	Soil	ND	----	----	----	----	----	----

Notes:

mg/kg milligrams per kilogram

RSRS New Jersey Department of
Environmental Protection (NJDEP)
Soil Remediation Standards (June 2,
2008) Residential critieria.

NRSRS New Jersey Department of
Environmental Protection (NJDEP)
Soil Remediation Standards (June 2,
2008) Non-Residential critieria.

FD Field Duplicate

ND Not Detected

N/A constituent.

---- Not analyzed.

Detected result less than RSRS and
less than NRSRS criteria shown.

Detected result exceeds RSRS but
less than NRSRS ccriteria shown.

Detected result exceeds RSRS and
exceeds NRSRS criteria shown.

Table 2
PCB Remediation at Building 978 (Parcel 97)
Excavation Confirmation EPH and PAH Sample Results
Fort Monmouth, New Jersey

Analytical Method				EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D
Parameter				Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene
Units				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RSRS (mg/kg)				0.6	380,000	6	62	0.2	2,300	2,300
NRSRS (mg/kg)				2	30,000	23	230	0.2	24,000	24,000
Sample ID	Collection Date	Depth (ft bgs)	Matrix							
Phase I Sampling										
FM-P97-S001-01	1/5/2016	1 - 1.1	Soil	0.74	0.39	0.24	0.58	0.12	0.91	ND
FM-P97-S002-01	1/6/2016	1 - 1.1	Soil	----	----	----	----	----	----	----
FM-P97-S003-01	1/5/2016	1 - 1.1	Soil	----	----	----	----	----	----	----
FM-P97-SW030-01	1/7/2016	3 - 3.1	Soil	----	----	----	----	----	----	----
FM-P97-SW031-01	1/7/2016	4 - 4.1	Soil	0.36	0.17	0.13	0.28	0.053	0.56	ND
FM-P97-SW032-01	1/7/2016	3 - 3.1	Soil	----	----	----	----	----	----	----
FM-P97-SW032-01-FD	1/7/2016	3 - 3.1	Soil	----	----	----	----	----	----	----
FM-P97-SW033-01	1/7/2016	4 - 4.1	Soil	----	----	----	----	----	----	----
FM-P97-SW034-01	1/7/2016	1.5 - 1.6	Soil	----	----	----	----	----	----	----
FM-P97-SW035-01	1/7/2016	2 - 2.1	Soil	----	----	----	----	----	----	----
FM-P97-SW036-01	1/7/2016	2 - 2.1	Soil	----	----	----	----	----	----	----
FM-P97-SW037-01	1/7/2016	2 - 2.1	Soil	----	----	----	----	----	----	----
FM-P97-SW038-01	1/7/2016	3 - 3.1	Soil	----	----	----	----	----	----	----
FM-P97-S004-01	1/6/2016	1 - 1.1	Soil	----	----	----	----	----	----	----
FM-P97-S005-01	1/5/2016	1 - 1.1	Soil	----	----	----	----	----	----	----
FM-P97-S006-01	1/5/2016	1 - 1.1	Soil	0.47	0.23	0.17	0.39	0.068	0.59	ND
FM-P97-S007-01	1/6/2016	1 - 1.1	Soil	----	----	----	----	----	----	----
FM-P97-S008-01	1/6/2016	4 - 4.1	Soil	----	----	----	----	----	----	----
FM-P97-S009-01	1/6/2016	1 - 1.1	Soil	----	----	----	----	----	----	----
FM-P97-S010-01	1/5/2016	3 - 3.1	Soil	----	----	----	----	----	----	----
FM-P97-S011-01	1/5/2016	1 - 1.1	Soil	0.39	0.22	0.15	0.34	0.064	0.55	ND
FM-P97-S012-01	1/6/2016	1 - 1.1	Soil	----	----	----	----	----	----	----
FM-P97-S013-01	1/6/2016	4 - 4.1	Soil	----	----	----	----	----	----	----
FM-P97-S013-01-FD	1/6/2016	4 - 4.1	Soil	----	----	----	----	----	----	----
FM-P97-S014-01	1/6/2016	1 - 1.1	Soil	----	----	----	----	----	----	----
FM-P97-S015-01	1/5/2016	3 - 3.1	Soil	----	----	----	----	----	----	----
FM-P97-S016-01	1/5/2016	1 - 1.1	Soil	----	----	----	----	----	----	----
FM-P97-S017-01	1/6/2016	1 - 1.1	Soil	----	----	----	----	----	----	----
FM-P97-S018-01	1/7/2016	4 - 4.1	Soil	----	----	----	----	----	----	----
FM-P97-S019-01	1/6/2016	1 - 1.1	Soil	----	----	----	----	----	----	----
FM-P97-S020-01	1/5/2016	3 - 3.1	Soil	----	----	----	----	----	----	----

Table 2
PCB Remediation at Building 978 (Parcel 97)
Excavation Confirmation EPH and PAH Sample Results
Fort Monmouth, New Jersey

Analytical Method				EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D
Parameter				Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene
Units				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RSRS (mg/kg)				0.6	380,000	6	62	0.2	2,300	2,300
NRSRS (mg/kg)				2	30,000	23	230	0.2	24,000	24,000
Sample ID	Collection Date	Depth (ft bgs)	Matrix							
FM-P97-S021-01	1/5/2016	1 - 1.1	Soil	----	----	----	----	----	----	----
FM-P97-S022-01	1/7/2016	1 - 1.1	Soil	----	----	----	----	----	----	----
FM-P97-S023-01	1/7/2016	2 - 2.1	Soil	----	----	----	----	----	----	----
FM-P97-S024-01	1/7/2016	1 - 1.1	Soil	----	----	----	----	----	----	----
FM-P97-S024-01-FD	1/7/2016	1 - 1.1	Soil	----	----	----	----	----	----	----
FM-P97-S025-01	1/7/2016	2 - 2.1	Soil	----	----	----	----	----	----	----
FM-P97-S026-01	1/6/2016	1 - 1.1	Soil	----	----	----	----	----	----	----
FM-P97-S026-01-FD	1/6/2016	1 - 1.1	Soil	----	----	----	----	----	----	----
FM-P97-S027-01	1/7/2016	1 - 1.1	Soil	----	----	----	----	----	----	----
FM-P97-S028-01	1/7/2016	2 - 2.1	Soil	----	----	----	----	----	----	----
FM-P97-S029-01	1/7/2016	2 - 2.1	Soil	----	----	----	----	----	----	----
Phase II Sampling										
FM-SO033-04	6/22/2016	4 - 4.5	Soil	ND	ND	ND	ND	ND	ND	ND
FM-SO033-05	6/22/2016	5 - 5.5	Soil	----	----	----	----	----	----	----
FM-SO039-02	6/22/2016	2 - 2.5	Soil	0.071	0.041	ND	0.055	ND	0.12	ND
FM-SO039-03	6/22/2016	3 - 3.5	Soil	0.82	0.24	0.25	0.89	0.056	0.99	ND
FM-SO039-04	6/22/2016	4 - 4.5	Soil	----	----	----	----	----	----	----
FM-SO039-05	6/22/2016	5 - 5.5	Soil	----	----	----	----	----	----	----
FM-SO040-04	6/22/2016	4 - 4.5	Soil	----	----	----	----	----	----	----
FM-SO040-05	6/22/2016	5 - 5.5	Soil	----	----	----	----	----	----	----
FM-SO041-04	6/22/2016	4 - 4.5	Soil	----	----	----	----	----	----	----
FM-SO041-05	6/22/2016	5 - 5.5	Soil	----	----	----	----	----	----	----
FM-SO042-04	6/22/2016	4 - 4.5	Soil	----	----	----	----	----	----	----
FM-SO042-05	6/22/2016	5 - 5.5	Soil	----	----	----	----	----	----	----
FM-SO043-04	6/22/2016	4 - 4.5	Soil	----	----	----	----	----	----	----
FM-SO043-05	6/22/2016	5 - 5.5	Soil	----	----	----	----	----	----	----
FM-SO044-02	6/24/2016	2 - 2.5	Soil	----	----	----	----	----	----	----
FM-SO044-02-FD	6/24/2016	2 - 2.5	Soil	----	----	----	----	----	----	----
FM-SO044-03	6/24/2016	3 - 3.5	Soil	----	----	----	----	----	----	----
FM-SO044-04	6/24/2016	4 - 4.5	Soil	----	----	----	----	----	----	----
FM-SO044-05	6/24/2016	5 - 5.5	Soil	----	----	----	----	----	----	----
FM-SO045-02	6/24/2016	2 - 2.5	Soil	----	----	----	----	----	----	----

Table 2
PCB Remediation at Building 978 (Parcel 97)
Excavation Confirmation EPH and PAH Sample Results
Fort Monmouth, New Jersey

				Analytical Method	EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D
				Parameter	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene
				Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
				RSRS (mg/kg)	0.6	380,000	6	62	0.2	2,300	2,300
				NRSRS (mg/kg)	2	30,000	23	230	0.2	24,000	24,000
Sample ID	Collection Date	Depth (ft bgs)	Matrix								
FM-SO045-03	6/24/2016	3 - 3.5	Soil		----	----	----	----	----	----	----
FM-SO045-04	6/24/2016	4 - 4.5	Soil		----	----	----	----	----	----	----
FM-SO045-05	6/24/2016	5 - 5.5	Soil		----	----	----	----	----	----	----
FM-SO048-02	6/24/2016	2 - 2.5	Soil		0.079	0.042	ND	0.067	ND	0.1	ND
FM-SO048-03	6/24/2016	3 - 3.5	Soil		----	----	----	----	----	----	----
FM-SO048-04	6/24/2016	4 - 4.5	Soil		----	----	----	----	----	----	----
FM-SO048-04-FD	6/24/2016	4 - 4.5	Soil		----	----	----	----	----	----	----
FM-SO048-05	6/24/2016	5 - 5.5	Soil		----	----	----	----	----	----	----
FM-SO051-02	6/24/2016	2 - 2.5	Soil		----	----	----	----	----	----	----
FM-SO051-02-FD	6/24/2016	2 - 2.5	Soil		----	----	----	----	----	----	----
FM-SO051-03	6/24/2016	3 - 3.5	Soil		----	----	----	----	----	----	----
FM-SO051-04	6/24/2016	4 - 4.5	Soil		----	----	----	----	----	----	----
FM-SO054-02	6/24/2016	2 - 2.5	Soil		----	----	----	----	----	----	----
FM-SO054-03	6/24/2016	3 - 3.5	Soil		----	----	----	----	----	----	----
FM-SO054-03-FD	6/24/2016	3 - 3.5	Soil		----	----	----	----	----	----	----
FM-SO054-04	6/24/2016	4 - 4.5	Soil		----	----	----	----	----	----	----
FM-SO055-02	6/24/2016	2 - 2.5	Soil		----	----	----	----	----	----	----
FM-SO055-03	6/24/2016	3 - 3.5	Soil		----	----	----	----	----	----	----
FM-SO055-03-FD	6/24/2016	3 - 3.5	Soil		----	----	----	----	----	----	----
FM-SO055-04	6/24/2016	4 - 4.5	Soil		----	----	----	----	----	----	----
FM-SO056-03	6/24/2016	3 - 3.5	Soil		----	----	----	----	----	----	----
FM-SO056-03-FD	6/24/2016	3 - 3.5	Soil		----	----	----	----	----	----	----
FM-SO057-02	6/24/2016	2 - 2.5	Soil		----	----	----	----	----	----	----
FM-SO057-03	6/24/2016	3 - 3.5	Soil		----	----	----	----	----	----	----
FM-SO057-04	6/24/2016	4 - 4.5	Soil		----	----	----	----	----	----	----
FM-SO057-05	6/24/2016	5 - 5.5	Soil		----	----	----	----	----	----	----
FM-SO058-02	6/22/2016	2 - 2.5	Soil		----	----	----	----	----	----	----
FM-SO058-03	6/22/2016	3 - 3.5	Soil		----	----	----	----	----	----	----
FM-SO058-04	6/22/2016	4 - 4.5	Soil		----	----	----	----	----	----	----
FM-SO058-05	6/22/2016	5 - 5.5	Soil		----	----	----	----	----	----	----
Phase III Sampling											
FM-P97-S059-01	7/18/2016	3 - 3.1	Soil		----	----	----	----	----	----	----

Table 2
PCB Remediation at Building 978 (Parcel 97)
Excavation Confirmation EPH and PAH Sample Results
Fort Monmouth, New Jersey

Analytical Method				EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D
Parameter				Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenzo[a,h]anthracene	Fluoranthene	Fluorene
Units				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RSRS (mg/kg)				0.6	380,000	6	62	0.2	2,300	2,300
NRSRS (mg/kg)				2	30,000	23	230	0.2	24,000	24,000
Sample ID	Collection Date	Depth (ft bgs)	Matrix							
FM-P97-SW060-01	7/18/2016	2 - 2.1	Soil	----	----	----	----	----	----	----
FM-P97-SW061-01	7/18/2016	1.8 - 1.9	Soil	----	----	----	----	----	----	----
FM-P97-S062-01	7/18/2016	5 - 5.1	Soil	----	----	----	----	----	----	----
FM-P97-SW063-01	7/18/2016	2.5 - 2.6	Soil	----	----	----	----	----	----	----
FM-P97-SW064-01	7/18/2016	2.6 - 2.7	Soil	----	----	----	----	----	----	----
FM-P97-S065-01	7/19/2016	3 - 3	Soil	----	----	----	----	----	----	----
FM-P97-S066-01	7/19/2016	2.8 - 2.8	Soil	----	----	----	----	----	----	----
FM-P97-S067-01	7/19/2016	2.4 - 2.4	Soil	----	----	----	----	----	----	----
FM-P97-S068-01	7/22/2016	0 - 3	Soil	----	----	----	----	----	----	----
FM-P97-S069-01	7/25/2016	0 - 3	Soil	0.37	0.14	0.13	0.26	0.04	0.38	ND
FM-P97-S069-FD	7/25/2016	0 - 3	Soil	----	----	----	----	----	----	----
FM-P97-SW070-01	7/27/2016	0 - 3	Soil	----	----	----	----	----	----	----

Notes:

mg/kg	milligrams per kilogram
	New Jersey Department of Environmental Protection (NJDEP) Soil Remediation Standards (June 2, 2008) Residential critieria.
RSRS	
	New Jersey Department of Environmental Protection (NJDEP) Soil Remediation Standards (June 2, 2008) Non-Residential critieria.
NRSRS	
FD	Field Duplicate
ND	Not Detected
N/A	constituent.
----	Not analyzed.

	Detected result less than RSRS and less than NRSRS criteria shown.
	Detected result exceeds RSRS but less than NRSRS ccriteria shown.
	Detected result exceeds RSRS and exceeds NRSRS criteria shown.

Table 2
PCB Remediation at Building 978 (Parcel 97)
Excavation Confirmation EPH and PAH Sample Results
Fort Monmouth, New Jersey

Analytical Method				EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D
Parameter				Indeno[1,2,3-cd]pyrene	Naphthalene	Phenanthrene	Pyrene
Units				mg/kg	mg/kg	mg/kg	mg/kg
RSRS (mg/kg)				0.6	6	NA	1,700
NRSRS (mg/kg)				2	17	300,000	18,000
Sample ID	Collection Date	Depth (ft bgs)	Matrix				
Phase I Sampling							
FM-P97-S001-01	1/5/2016	1 - 1.1	Soil	0.36	0.014	0.45	1.1
FM-P97-S002-01	1/6/2016	1 - 1.1	Soil	----	----	----	----
FM-P97-S003-01	1/5/2016	1 - 1.1	Soil	----	----	----	----
FM-P97-SW030-01	1/7/2016	3 - 3.1	Soil	----	----	----	----
FM-P97-SW031-01	1/7/2016	4 - 4.1	Soil	0.15	0.027	0.29	0.48
FM-P97-SW032-01	1/7/2016	3 - 3.1	Soil	----	----	----	----
FM-P97-SW032-01-FD	1/7/2016	3 - 3.1	Soil	----	----	----	----
FM-P97-SW033-01	1/7/2016	4 - 4.1	Soil	----	----	----	----
FM-P97-SW034-01	1/7/2016	1.5 - 1.6	Soil	----	----	----	----
FM-P97-SW035-01	1/7/2016	2 - 2.1	Soil	----	----	----	----
FM-P97-SW036-01	1/7/2016	2 - 2.1	Soil	----	----	----	----
FM-P97-SW037-01	1/7/2016	2 - 2.1	Soil	----	----	----	----
FM-P97-SW038-01	1/7/2016	3 - 3.1	Soil	----	----	----	----
FM-P97-S004-01	1/6/2016	1 - 1.1	Soil	----	----	----	----
FM-P97-S005-01	1/5/2016	1 - 1.1	Soil	----	----	----	----
FM-P97-S006-01	1/5/2016	1 - 1.1	Soil	0.21	ND	0.21	0.64
FM-P97-S007-01	1/6/2016	1 - 1.1	Soil	----	----	----	----
FM-P97-S008-01	1/6/2016	4 - 4.1	Soil	----	----	----	----
FM-P97-S009-01	1/6/2016	1 - 1.1	Soil	----	----	----	----
FM-P97-S010-01	1/5/2016	3 - 3.1	Soil	----	----	----	----
FM-P97-S011-01	1/5/2016	1 - 1.1	Soil	0.19	ND	0.32	0.61
FM-P97-S012-01	1/6/2016	1 - 1.1	Soil	----	----	----	----
FM-P97-S013-01	1/6/2016	4 - 4.1	Soil	----	----	----	----
FM-P97-S013-01-FD	1/6/2016	4 - 4.1	Soil	----	----	----	----
FM-P97-S014-01	1/6/2016	1 - 1.1	Soil	----	----	----	----
FM-P97-S015-01	1/5/2016	3 - 3.1	Soil	----	----	----	----
FM-P97-S016-01	1/5/2016	1 - 1.1	Soil	----	----	----	----
FM-P97-S017-01	1/6/2016	1 - 1.1	Soil	----	----	----	----
FM-P97-S018-01	1/7/2016	4 - 4.1	Soil	----	----	----	----
FM-P97-S019-01	1/6/2016	1 - 1.1	Soil	----	----	----	----
FM-P97-S020-01	1/5/2016	3 - 3.1	Soil	----	----	----	----

Table 2
PCB Remediation at Building 978 (Parcel 97)
Excavation Confirmation EPH and PAH Sample Results
Fort Monmouth, New Jersey

Analytical Method				EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D
Parameter				Indeno[1,2,3-cd]pyrene	Naphthalene	Phenanthrene	Pyrene
Units				mg/kg	mg/kg	mg/kg	mg/kg
RSRS (mg/kg)				0.6	6	NA	1,700
NRSRS (mg/kg)				2	17	300,000	18,000
Sample ID	Collection Date	Depth (ft bgs)	Matrix				
FM-P97-S021-01	1/5/2016	1 - 1.1	Soil	----	----	----	----
FM-P97-S022-01	1/7/2016	1 - 1.1	Soil	----	----	----	----
FM-P97-S023-01	1/7/2016	2 - 2.1	Soil	----	----	----	----
FM-P97-S024-01	1/7/2016	1 - 1.1	Soil	----	----	----	----
FM-P97-S024-01-FD	1/7/2016	1 - 1.1	Soil	----	----	----	----
FM-P97-S025-01	1/7/2016	2 - 2.1	Soil	----	----	----	----
FM-P97-S026-01	1/6/2016	1 - 1.1	Soil	----	----	----	----
FM-P97-S026-01-FD	1/6/2016	1 - 1.1	Soil	----	----	----	----
FM-P97-S027-01	1/7/2016	1 - 1.1	Soil	----	----	----	----
FM-P97-S028-01	1/7/2016	2 - 2.1	Soil	----	----	----	----
FM-P97-S029-01	1/7/2016	2 - 2.1	Soil	----	----	----	----
Phase II Sampling							
FM-SO033-04	6/22/2016	4 - 4.5	Soil	ND	ND	ND	ND
FM-SO033-05	6/22/2016	5 - 5.5	Soil	----	----	----	----
FM-SO039-02	6/22/2016	2 - 2.5	Soil	ND	ND	0.097	0.13
FM-SO039-03	6/22/2016	3 - 3.5	Soil	0.21	ND	0.12	1.3
FM-SO039-04	6/22/2016	4 - 4.5	Soil	----	----	----	----
FM-SO039-05	6/22/2016	5 - 5.5	Soil	----	----	----	----
FM-SO040-04	6/22/2016	4 - 4.5	Soil	----	----	----	----
FM-SO040-05	6/22/2016	5 - 5.5	Soil	----	----	----	----
FM-SO041-04	6/22/2016	4 - 4.5	Soil	----	----	----	----
FM-SO041-05	6/22/2016	5 - 5.5	Soil	----	----	----	----
FM-SO042-04	6/22/2016	4 - 4.5	Soil	----	----	----	----
FM-SO042-05	6/22/2016	5 - 5.5	Soil	----	----	----	----
FM-SO043-04	6/22/2016	4 - 4.5	Soil	----	----	----	----
FM-SO043-05	6/22/2016	5 - 5.5	Soil	----	----	----	----
FM-SO044-02	6/24/2016	2 - 2.5	Soil	----	----	----	----
FM-SO044-02-FD	6/24/2016	2 - 2.5	Soil	----	----	----	----
FM-SO044-03	6/24/2016	3 - 3.5	Soil	----	----	----	----
FM-SO044-04	6/24/2016	4 - 4.5	Soil	----	----	----	----
FM-SO044-05	6/24/2016	5 - 5.5	Soil	----	----	----	----
FM-SO045-02	6/24/2016	2 - 2.5	Soil	----	----	----	----

Table 2
PCB Remediation at Building 978 (Parcel 97)
Excavation Confirmation EPH and PAH Sample Results
Fort Monmouth, New Jersey

Analytical Method				EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D
Parameter				Indeno[1,2,3-cd]pyrene	Naphthalene	Phenanthrene	Pyrene
Units				mg/kg	mg/kg	mg/kg	mg/kg
RSRS (mg/kg)				0.6	6	NA	1,700
NRSRS (mg/kg)				2	17	300,000	18,000
Sample ID	Collection Date	Depth (ft bgs)	Matrix				
FM-SO045-03	6/24/2016	3 - 3.5	Soil	----	----	----	----
FM-SO045-04	6/24/2016	4 - 4.5	Soil	----	----	----	----
FM-SO045-05	6/24/2016	5 - 5.5	Soil	----	----	----	----
FM-SO048-02	6/24/2016	2 - 2.5	Soil	ND	ND	0.056	0.12
FM-SO048-03	6/24/2016	3 - 3.5	Soil	----	----	----	----
FM-SO048-04	6/24/2016	4 - 4.5	Soil	----	----	----	----
FM-SO048-04-FD	6/24/2016	4 - 4.5	Soil	----	----	----	----
FM-SO048-05	6/24/2016	5 - 5.5	Soil	----	----	----	----
FM-SO051-02	6/24/2016	2 - 2.5	Soil	----	----	----	----
FM-SO051-02-FD	6/24/2016	2 - 2.5	Soil	----	----	----	----
FM-SO051-03	6/24/2016	3 - 3.5	Soil	----	----	----	----
FM-SO051-04	6/24/2016	4 - 4.5	Soil	----	----	----	----
FM-SO054-02	6/24/2016	2 - 2.5	Soil	----	----	----	----
FM-SO054-03	6/24/2016	3 - 3.5	Soil	----	----	----	----
FM-SO054-03-FD	6/24/2016	3 - 3.5	Soil	----	----	----	----
FM-SO054-04	6/24/2016	4 - 4.5	Soil	----	----	----	----
FM-SO055-02	6/24/2016	2 - 2.5	Soil	----	----	----	----
FM-SO055-03	6/24/2016	3 - 3.5	Soil	----	----	----	----
FM-SO055-03-FD	6/24/2016	3 - 3.5	Soil	----	----	----	----
FM-SO055-04	6/24/2016	4 - 4.5	Soil	----	----	----	----
FM-SO056-03	6/24/2016	3 - 3.5	Soil	----	----	----	----
FM-SO056-03-FD	6/24/2016	3 - 3.5	Soil	----	----	----	----
FM-SO057-02	6/24/2016	2 - 2.5	Soil	----	----	----	----
FM-SO057-03	6/24/2016	3 - 3.5	Soil	----	----	----	----
FM-SO057-04	6/24/2016	4 - 4.5	Soil	----	----	----	----
FM-SO057-05	6/24/2016	5 - 5.5	Soil	----	----	----	----
FM-SO058-02	6/22/2016	2 - 2.5	Soil	----	----	----	----
FM-SO058-03	6/22/2016	3 - 3.5	Soil	----	----	----	----
FM-SO058-04	6/22/2016	4 - 4.5	Soil	----	----	----	----
FM-SO058-05	6/22/2016	5 - 5.5	Soil	----	----	----	----
Phase III Sampling							
FM-P97-S059-01	7/18/2016	3 - 3.1	Soil	----	----	----	----

Table 2
PCB Remediation at Building 978 (Parcel 97)
Excavation Confirmation EPH and PAH Sample Results
Fort Monmouth, New Jersey

Analytical Method				EPA 8270D	EPA 8270D	EPA 8270D	EPA 8270D
Parameter				Indeno[1,2,3-cd]pyrene	Naphthalene	Phenanthrene	Pyrene
Units				mg/kg	mg/kg	mg/kg	mg/kg
RSRS (mg/kg)				0.6	6	NA	1,700
NRSRS (mg/kg)				2	17	300,000	18,000
Sample ID	Collection Date	Depth (ft bgs)	Matrix				
FM-P97-SW060-01	7/18/2016	2 - 2.1	Soil	----	----	----	----
FM-P97-SW061-01	7/18/2016	1.8 - 1.9	Soil	----	----	----	----
FM-P97-S062-01	7/18/2016	5 - 5.1	Soil	----	----	----	----
FM-P97-SW063-01	7/18/2016	2.5 - 2.6	Soil	----	----	----	----
FM-P97-SW064-01	7/18/2016	2.6 - 2.7	Soil	----	----	----	----
FM-P97-S065-01	7/19/2016	3 - 3	Soil	----	----	----	----
FM-P97-S066-01	7/19/2016	2.8 - 2.8	Soil	----	----	----	----
FM-P97-S067-01	7/19/2016	2.4 - 2.4	Soil	----	----	----	----
FM-P97-S068-01	7/22/2016	0 - 3	Soil	----	----	----	----
FM-P97-S069-01	7/25/2016	0 - 3	Soil	0.13	ND	0.16	0.49
FM-P97-S069-FD	7/25/2016	0 - 3	Soil	----	----	----	----
FM-P97-SW070-01	7/27/2016	0 - 3	Soil	----	----	----	----

Notes:

mg/kg	milligrams per kilogram
RSRS	New Jersey Department of Environmental Protection (NJDEP) Soil Remediation Standards (June 2, 2008) Residential critieria.
NRSRS	New Jersey Department of Environmental Protection (NJDEP) Soil Remediation Standards (June 2, 2008) Non-Residential critieria.
FD	Field Duplicate
ND	Not Detected
N/A	constituent.
----	Not analyzed.
	Detected result less than RSRS and less than NRSRS criteria shown.
	Detected result exceeds RSRS but less than NRSRS ccriteria shown.
	Detected result exceeds RSRS and exceeds NRSRS criteria shown.

Table 3
PCB Remediation at Building 978 (Parcel 97)
Excavation Confirmation EPH and PCB Groundwater Sample Results
Fort Monmouth, New Jersey

Analytical Method Parameter Units GWQS_UGL NJ Vapor Intrusion Guidelines_UGL		NJEPHRev3B C9-C40 ug/L NA NA	EPA 8082A Aroclor (Total) ug/L 0.5 NA	EPA 8082A Aroclor-1016 ug/L 0.5 NA	EPA 8082A Aroclor-1221 ug/L 0.5 NA	EPA 8082A Aroclor-1232 ug/L 0.5 NA	EPA 8082A Aroclor-1242 ug/L 0.5 NA	EPA 8082A Aroclor-1248 ug/L 0.5 NA	EPA 8082A Aroclor-1254 ug/L 0.5 NA	EPA 8082A Aroclor-1260 ug/L 0.5 NA	EPA 8082A Aroclor-1262 ug/L NA NA	EPA 8082A Aroclor-1268 ug/L NA NA
Sample ID	Collection Date											
FM-GW033	6/23/2016	620	5.5	ND	ND	ND	ND	ND	ND	5.5	ND	ND
FM-GW039	6/23/2016	2200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FM-GW040	6/23/2016	580	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FM-GW041	6/23/2016	450	1.4	ND	ND	ND	ND	ND	ND	1.4	ND	ND
FM-GW041-FD	6/23/2016	480	0.94	ND	ND	ND	ND	ND	ND	0.94	ND	ND
FM-GW042	6/23/2016	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FM-GW042-FD	6/23/2016	300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FM-GW043	6/23/2016	430	2	ND	ND	ND	ND	ND	ND	2	ND	ND
FM-GW048	6/23/2016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FM-GW055	6/23/2016	370	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FM-GW057	6/23/2016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

ug/L micrograms per Liter

GWQS NJ Ground Water Criteria

FD Field Duplicate

ND Not Detected

NA No criterion derived for this constituent.

Detected result less than NJ Ground Water Criteria and less than NJ Vapor Intrusion Guidelines criteria shown.

ATTACHMENT 4

**LABORATORY ANALYTICAL REPORTS
(Provided on CD)**

Parcel 97 Sample Cross-Reference

Area	Field Sample	Collected	Matrix	Lab Sample ID	Lab SDG
Parcel 97	FM-P97-S001-01	1/5/2016	SOIL	AC89047-001	6010703
Parcel 97	FM-P97-S005-01	1/5/2016	SOIL	AC89047-002	6010703
Parcel 97	FM-P97-S003-01	1/5/2016	SOIL	AC89047-003	6010703
Parcel 97	FM-P97-S006-01	1/5/2016	SOIL	AC89047-004	6010703
Parcel 97	FM-P97-S011-01	1/5/2016	SOIL	AC89047-005	6010703
Parcel 97	FM-P97-S016-01	1/5/2016	SOIL	AC89047-006	6010703
Parcel 97	FM-P97-S010-01	1/5/2016	SOIL	AC89047-007	6010703
Parcel 97	FM-P97-S015-01	1/5/2016	SOIL	AC89047-008	6010703
Parcel 97	FM-P97-S020-01	1/5/2016	SOIL	AC89047-009	6010703
Parcel 97	FM-P97-S021-01	1/5/2016	SOIL	AC89047-010	6010703
Parcel 97	FM-P97-S002-01	1/6/2016	SOIL	AC89047-011	6010703
Parcel 97	FM-P97-S007-01	1/6/2016	SOIL	AC89047-012	6010703
Parcel 97	FM-P97-S008-01	1/6/2016	SOIL	AC89047-013	6010703
Parcel 97	FM-P97-S026-01	1/6/2016	SOIL	AC89047-014	6010703
Parcel 97	FM-P97-S026-01-FD	1/6/2016	SOIL	AC89047-015	6010703
Parcel 97	FM-P97-S004-01	1/6/2016	SOIL	AC89047-018	6010703
Parcel 97	FM-P97-S009-01	1/6/2016	SOIL	AC89047-019	6010703
Parcel 97	FM-P97-S017-01	1/6/2016	SOIL	AC89047-020	6010703
Parcel 97	FM-P97-S012-01	1/6/2016	SOIL	AC89047-021	6010703
Parcel 97	FM-P97-S013-01	1/6/2016	SOIL	AC89047-022	6010703
Parcel 97	FM-P97-S013-01-FD	1/6/2016	SOIL	AC89047-023	6010703
Parcel 97	FM-P97-S014-01	1/6/2016	SOIL	AC89047-024	6010703
Parcel 97	FM-P97-S019-01	1/6/2016	SOIL	AC89047-025	6010703
Parcel 97	FM-P97-S018-01	1/7/2016	SOIL	AC89077-001	6010810
Parcel 97	FM-P97-SW032-01	1/7/2016	SOIL	AC89077-002	6010810
Parcel 97	FM-P97-SW032-01-FD	1/7/2016	SOIL	AC89077-003	6010810
Parcel 97	FM-P97-SW031-01	1/7/2016	SOIL	AC89077-004	6010810
Parcel 97	FM-P97-SW030-01	1/7/2016	SOIL	AC89077-005	6010810
Parcel 97	FM-P97-SW033-01	1/7/2016	SOIL	AC89077-006	6010810
Parcel 97	FM-P97-SW034-01	1/7/2016	SOIL	AC89077-009	6010810
Parcel 97	FM-P97-SW035-01	1/7/2016	SOIL	AC89077-010	6010810
Parcel 97	FM-P97-SW036-01	1/7/2016	SOIL	AC89077-011	6010810
Parcel 97	FM-P97-SW037-01	1/7/2016	SOIL	AC89077-012	6010810
Parcel 97	FM-P97-SW038-01	1/7/2016	SOIL	AC89077-013	6010810
Parcel 97	FM-P97-S027-01	1/7/2016	SOIL	AC89077-014	6010810
Parcel 97	FM-P97-S029-01	1/7/2016	SOIL	AC89077-015	6010810
Parcel 97	FM-P97-S028-01	1/7/2016	SOIL	AC89077-016	6010810
Parcel 97	FM-P97-S022-01	1/7/2016	SOIL	AC89077-017	6010810
Parcel 97	FM-P97-S023-01	1/7/2016	SOIL	AC89077-018	6010810
Parcel 97	FM-P97-S025-01	1/7/2016	SOIL	AC89077-019	6010810
Parcel 97	FM-P97-S024-01	1/7/2016	SOIL	AC89077-020	6010810
Parcel 97	FM-P97-S024-01-FD	1/7/2016	SOIL	AC89077-021	6010810
Parcel 97	FM-SO040-04	6/22/2016	SOIL	AC91986-001	6062309
Parcel 97	FM-SO040-05	6/22/2016	SOIL	AC91986-002	6062309

Parcel 97 Sample Cross-Reference

Area	Field Sample	Collected	Matrix	Lab Sample ID	Lab SDG
Parcel 97	FM-SO033-04	6/22/2016	SOIL	AC91986-003	6062309
Parcel 97	FM-SO033-05	6/22/2016	SOIL	AC91986-004	6062309
Parcel 97	FM-SO039-02	6/22/2016	SOIL	AC91986-005	6062309
Parcel 97	FM-SO039-03	6/22/2016	SOIL	AC91986-006	6062309
Parcel 97	FM-SO039-04	6/22/2016	SOIL	AC91986-007	6062309
Parcel 97	FM-SO039-05	6/22/2016	SOIL	AC91986-008	6062309
Parcel 97	FM-SO041-04	6/22/2016	SOIL	AC91986-009	6062309
Parcel 97	FM-SO041-05	6/22/2016	SOIL	AC91986-010	6062309
Parcel 97	FM-SO042-04	6/22/2016	SOIL	AC91986-011	6062309
Parcel 97	FM-SO042-05	6/22/2016	SOIL	AC91986-012	6062309
Parcel 97	FM-SO043-04	6/22/2016	SOIL	AC91986-015	6062309
Parcel 97	FM-SO043-05	6/22/2016	SOIL	AC91986-016	6062309
Parcel 97	FM-SO058-02	6/22/2016	SOIL	AC91986-017	6062309
Parcel 97	FM-SO058-03	6/22/2016	SOIL	AC91986-018	6062309
Parcel 97	FM-SO058-04	6/22/2016	SOIL	AC91986-019	6062309
Parcel 97	FM-SO058-05	6/22/2016	SOIL	AC91986-020	6062309
Parcel 97	FM-GW039	6/23/2016	WATER	AC92025-001	6062422
Parcel 97	FM-GW040	6/23/2016	WATER	AC92025-002	6062422
Parcel 97	FM-GW041	6/23/2016	WATER	AC92025-005	6062422
Parcel 97	FM-GW041-FD	6/23/2016	WATER	AC92025-006	6062422
Parcel 97	FM-GW042	6/23/2016	WATER	AC92025-007	6062422
Parcel 97	FM-GW043	6/23/2016	WATER	AC92025-008	6062422
Parcel 97	FM-GW048	6/23/2016	WATER	AC92025-009	6062422
Parcel 97	FM-GW055	6/23/2016	WATER	AC92025-010	6062422
Parcel 97	FM-GW057	6/23/2016	WATER	AC92025-011	6062422
Parcel 97	FM-GW033	6/23/2016	WATER	AC92025-012	6062422
Parcel 97	FM-GW042-FD	6/23/2016	WATER	AC92025-013	6062422
Parcel 97	FM-SO044-02	6/24/2016	SOIL	AC92026-001	6062423
Parcel 97	FM-SO044-02-FD	6/24/2016	SOIL	AC92026-002	6062423
Parcel 97	FM-SO044-03	6/24/2016	SOIL	AC92026-003	6062423
Parcel 97	FM-SO044-04	6/24/2016	SOIL	AC92026-004	6062423
Parcel 97	FM-SO044-05	6/24/2016	SOIL	AC92026-005	6062423
Parcel 97	FM-SO045-02	6/24/2016	SOIL	AC92026-006	6062423
Parcel 97	FM-SO045-03	6/24/2016	SOIL	AC92026-007	6062423
Parcel 97	FM-SO045-04	6/24/2016	SOIL	AC92026-008	6062423
Parcel 97	FM-SO045-05	6/24/2016	SOIL	AC92026-009	6062423
Parcel 97	FM-SO048-02	6/24/2016	SOIL	AC92026-010	6062423
Parcel 97	FM-SO048-03	6/24/2016	SOIL	AC92026-011	6062423
Parcel 97	FM-SO048-04	6/24/2016	SOIL	AC92026-012	6062423
Parcel 97	FM-SO048-04-FD	6/24/2016	SOIL	AC92026-013	6062423
Parcel 97	FM-SO048-05	6/24/2016	SOIL	AC92026-014	6062423
Parcel 97	FM-SO056-03	6/24/2016	SOIL	AC92026-015	6062423
Parcel 97	FM-SO056-03-FD	6/24/2016	SOIL	AC92026-016	6062423
Parcel 97	FM-SO057-02	6/24/2016	SOIL	AC92026-017	6062423

Parcel 97 Sample Cross-Reference

Area	Field Sample	Collected	Matrix	Lab Sample ID	Lab SDG
Parcel 97	FM-SO057-03	6/24/2016	SOIL	AC92026-018	6062423
Parcel 97	FM-SO057-04	6/24/2016	SOIL	AC92026-021	6062423
Parcel 97	FM-SO057-05	6/24/2016	SOIL	AC92026-022	6062423
Parcel 97	FM-SO051-02	6/24/2016	SOIL	AC92030-001	6062704
Parcel 97	FM-SO051-02-FD	6/24/2016	SOIL	AC92030-002	6062704
Parcel 97	FM-SO051-03	6/24/2016	SOIL	AC92030-003	6062704
Parcel 97	FM-SO051-04	6/24/2016	SOIL	AC92030-004	6062704
Parcel 97	FM-SO054-02	6/24/2016	SOIL	AC92030-007	6062704
Parcel 97	FM-SO054-03	6/24/2016	SOIL	AC92030-008	6062704
Parcel 97	FM-SO054-04	6/24/2016	SOIL	AC92030-009	6062704
Parcel 97	FM-SO054-03-FD	6/24/2016	SOIL	AC92030-010	6062704
Parcel 97	FM-SO055-02	6/24/2016	SOIL	AC92030-011	6062704
Parcel 97	FM-SO055-03	6/24/2016	SOIL	AC92030-012	6062704
Parcel 97	FM-SO055-04	6/24/2016	SOIL	AC92030-013	6062704
Parcel 97	FM-SO055-03-FD	6/24/2016	SOIL	AC92030-014	6062704
Parcel 97	FM-P97-S059-01	7/18/2016	SOIL	AC92445-001	6071902
Parcel 97	FM-P97-SW060-01	7/18/2016	SOIL	AC92445-002	6071902
Parcel 97	FM-P97-SW061-01	7/18/2016	SOIL	AC92445-003	6071902
Parcel 97	FM-P97-S062-01	7/18/2016	SOIL	AC92445-004	6071902
Parcel 97	FM-P97-SW063-01	7/18/2016	SOIL	AC92445-005	6071902
Parcel 97	FM-P97-SW064-01	7/18/2016	SOIL	AC92445-006	6071902
Parcel 97	FM-P97-S065-01	7/19/2016	SOIL	AC92471-001	6072003
Parcel 97	FM-P97-S066-01	7/19/2016	SOIL	AC92471-002	6072003
Parcel 97	FM-P97-S067-01	7/19/2016	SOIL	AC92471-003	6072003
Parcel 97	FM-P97-S068-01	7/22/2016	SOIL	AC92561-001	6072508
Parcel 97	FM-P97-S069-01	7/25/2016	SOIL	AC92561-002	6072508
Parcel 97	FM-P97-S069-FD	7/25/2016	SOIL	AC92561-003	6072508
Parcel 97	FM-P97-SW070-01	7/27/2016	SOIL	AC92614-001	6072717

HC Report of Analysis

Client: Tetra Tech Inc.
Project: 100-TEN-T33367

HC Project #: 6010703

Sample ID: FM-P97-S001-01
Lab#: AC89047-001
Matrix: Soil

Collection Date: 1/5/2016
Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		87

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	69	170

PAH Compounds 8270

Analyte	DF	Units	RL	Result
2-Methylnaphthalene	1	mg/kg	0.038	ND
Acenaphthene	1	mg/kg	0.038	ND
Acenaphthylene	1	mg/kg	0.038	0.056
Anthracene	1	mg/kg	0.038	0.088
Benzo[a]anthracene	1	mg/kg	0.038	0.58
Benzo[a]pyrene	1	mg/kg	0.038	0.54
Benzo[b]fluoranthene	1	mg/kg	0.038	0.74
Benzo[g,h,i]perylene	1	mg/kg	0.038	0.39
Benzo[k]fluoranthene	1	mg/kg	0.038	0.24
Chrysene	1	mg/kg	0.038	0.58
Dibenzo[a,h]anthracene	1	mg/kg	0.038	0.12
Fluoranthene	1	mg/kg	0.038	0.91
Fluorene	1	mg/kg	0.038	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.038	0.36
Naphthalene	1	mg/kg	0.0096	0.014
Phenanthrene	1	mg/kg	0.038	0.45
Pyrene	1	mg/kg	0.038	1.1

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.029	0.045
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	0.045
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND

Sample ID: FM-P97-S005-01

Lab#: AC89047-002

Matrix: Soil

Collection Date: 1/5/2016

Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		89

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	67	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.028	ND
Aroclor-1016	1	mg/kg	0.028	ND
Aroclor-1221	1	mg/kg	0.028	ND
Aroclor-1232	1	mg/kg	0.028	ND
Aroclor-1242	1	mg/kg	0.028	ND
Aroclor-1248	1	mg/kg	0.028	ND
Aroclor-1254	1	mg/kg	0.028	ND
Aroclor-1260	1	mg/kg	0.028	ND
Aroclor-1262	1	mg/kg	0.028	ND
Aroclor-1268	1	mg/kg	0.028	ND

Sample ID: FM-P97-S003-01
 Lab#: AC89047-003
 Matrix: Soil

Collection Date: 1/5/2016
 Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		87

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	69	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.029	ND
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	ND
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND

Sample ID: FM-P97-S006-01

Lab#: AC89047-004

Matrix: Soil

Collection Date: 1/5/2016

Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		89

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	67	180

PAH Compounds 8270

Analyte	DF	Units	RL	Result
2-Methylnaphthalene	1	mg/kg	0.037	ND
Acenaphthene	1	mg/kg	0.037	ND
Acenaphthylene	1	mg/kg	0.037	ND
Anthracene	1	mg/kg	0.037	0.048
Benzo[a]anthracene	1	mg/kg	0.037	0.32
Benzo[a]pyrene	1	mg/kg	0.037	0.33
Benzo[b]fluoranthene	1	mg/kg	0.037	0.47
Benzo[g,h,i]perylene	1	mg/kg	0.037	0.23
Benzo[k]fluoranthene	1	mg/kg	0.037	0.17
Chrysene	1	mg/kg	0.037	0.39
Dibenzo[a,h]anthracene	1	mg/kg	0.037	0.068
Fluoranthene	1	mg/kg	0.037	0.59
Fluorene	1	mg/kg	0.037	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.037	0.21
Naphthalene	1	mg/kg	0.0094	ND
Phenanthrene	1	mg/kg	0.037	0.21
Pyrene	1	mg/kg	0.037	0.64

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.028	ND
Aroclor-1016	1	mg/kg	0.028	ND
Aroclor-1221	1	mg/kg	0.028	ND
Aroclor-1232	1	mg/kg	0.028	ND
Aroclor-1242	1	mg/kg	0.028	ND
Aroclor-1248	1	mg/kg	0.028	ND
Aroclor-1254	1	mg/kg	0.028	ND
Aroclor-1260	1	mg/kg	0.028	ND
Aroclor-1262	1	mg/kg	0.028	ND
Aroclor-1268	1	mg/kg	0.028	ND

Sample ID: FM-P97-S011-01

Lab#: AC89047-005

Matrix: Soil

Collection Date: 1/5/2016

Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		90

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	67	75

PAH Compounds 8270

Analyte	DF	Units	RL	Result
2-Methylnaphthalene	1	mg/kg	0.037	ND
Acenaphthene	1	mg/kg	0.037	ND
Acenaphthylene	1	mg/kg	0.037	ND
Anthracene	1	mg/kg	0.037	0.064
Benzo[a]anthracene	1	mg/kg	0.037	0.28
Benzo[a]pyrene	1	mg/kg	0.037	0.28
Benzo[b]fluoranthene	1	mg/kg	0.037	0.39
Benzo[g,h,i]perylene	1	mg/kg	0.037	0.22
Benzo[k]fluoranthene	1	mg/kg	0.037	0.15
Chrysene	1	mg/kg	0.037	0.34
Dibenzo[a,h]anthracene	1	mg/kg	0.037	0.064
Fluoranthene	1	mg/kg	0.037	0.55
Fluorene	1	mg/kg	0.037	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.037	0.19
Naphthalene	1	mg/kg	0.0093	ND
Phenanthrene	1	mg/kg	0.037	0.32
Pyrene	1	mg/kg	0.037	0.61

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.028	ND
Aroclor-1016	1	mg/kg	0.028	ND
Aroclor-1221	1	mg/kg	0.028	ND
Aroclor-1232	1	mg/kg	0.028	ND
Aroclor-1242	1	mg/kg	0.028	ND
Aroclor-1248	1	mg/kg	0.028	ND
Aroclor-1254	1	mg/kg	0.028	ND
Aroclor-1260	1	mg/kg	0.028	ND
Aroclor-1262	1	mg/kg	0.028	ND
Aroclor-1268	1	mg/kg	0.028	ND

Sample ID: FM-P97-S016-01

Lab#: AC89047-006

Matrix: Soil

Collection Date: 1/5/2016

Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		89

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	67	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	20	mg/kg	0.56	12
Aroclor-1016	20	mg/kg	0.56	ND
Aroclor-1221	20	mg/kg	0.56	ND
Aroclor-1232	20	mg/kg	0.56	ND
Aroclor-1242	20	mg/kg	0.56	ND
Aroclor-1248	20	mg/kg	0.56	ND
Aroclor-1254	20	mg/kg	0.56	ND
Aroclor-1260	20	mg/kg	0.56	12
Aroclor-1262	20	mg/kg	0.56	ND
Aroclor-1268	20	mg/kg	0.56	ND

Sample ID: FM-P97-S010-01

Lab#: AC89047-007

Matrix: Soil

Collection Date: 1/5/2016

Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		86

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	70	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.029	0.15
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	0.15
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND

Sample ID: FM-P97-S015-01

Lab#: AC89047-008

Matrix: Soil

Collection Date: 1/5/2016

Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		83

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	72	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.030	0.56
Aroclor-1016	1	mg/kg	0.030	ND
Aroclor-1221	1	mg/kg	0.030	ND
Aroclor-1232	1	mg/kg	0.030	ND
Aroclor-1242	1	mg/kg	0.030	ND
Aroclor-1248	1	mg/kg	0.030	ND
Aroclor-1254	1	mg/kg	0.030	ND
Aroclor-1260	1	mg/kg	0.030	0.56
Aroclor-1262	1	mg/kg	0.030	ND
Aroclor-1268	1	mg/kg	0.030	ND

Sample ID: FM-P97-S020-01
 Lab#: AC89047-009
 Matrix: Soil

Collection Date: 1/5/2016
 Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		87

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	69	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.029	0.047
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	0.047
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND

Sample ID: FM-P97-S021-01

Lab#: AC89047-010

Matrix: Soil

Collection Date: 1/5/2016

Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		90

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	67	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.028	1.9
Aroclor-1016	1	mg/kg	0.028	ND
Aroclor-1221	1	mg/kg	0.028	ND
Aroclor-1232	1	mg/kg	0.028	ND
Aroclor-1242	1	mg/kg	0.028	ND
Aroclor-1248	1	mg/kg	0.028	ND
Aroclor-1254	1	mg/kg	0.028	ND
Aroclor-1260	1	mg/kg	0.028	1.9
Aroclor-1262	1	mg/kg	0.028	ND
Aroclor-1268	1	mg/kg	0.028	ND

Sample ID: FM-P97-S002-01

Lab#: AC89047-011

Matrix: Soil

Collection Date: 1/6/2016

Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		85

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	71	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.029	ND
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	ND
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND

Sample ID: FM-P97-S007-01

Lab#: AC89047-012

Matrix: Soil

Collection Date: 1/6/2016

Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		90

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	67	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.028	ND
Aroclor-1016	1	mg/kg	0.028	ND
Aroclor-1221	1	mg/kg	0.028	ND
Aroclor-1232	1	mg/kg	0.028	ND
Aroclor-1242	1	mg/kg	0.028	ND
Aroclor-1248	1	mg/kg	0.028	ND
Aroclor-1254	1	mg/kg	0.028	ND
Aroclor-1260	1	mg/kg	0.028	ND
Aroclor-1262	1	mg/kg	0.028	ND
Aroclor-1268	1	mg/kg	0.028	ND

Sample ID: FM-P97-S008-01

Lab#: AC89047-013

Matrix: Soil

Collection Date: 1/6/2016

Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		88

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	68	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.028	ND
Aroclor-1016	1	mg/kg	0.028	ND
Aroclor-1221	1	mg/kg	0.028	ND
Aroclor-1232	1	mg/kg	0.028	ND
Aroclor-1242	1	mg/kg	0.028	ND
Aroclor-1248	1	mg/kg	0.028	ND
Aroclor-1254	1	mg/kg	0.028	ND
Aroclor-1260	1	mg/kg	0.028	ND
Aroclor-1262	1	mg/kg	0.028	ND
Aroclor-1268	1	mg/kg	0.028	ND

Sample ID: FM-P97-S026-01

Lab#: AC89047-014

Matrix: Soil

Collection Date: 1/6/2016

Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		89

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	67	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.028	1.8
Aroclor-1016	1	mg/kg	0.028	ND
Aroclor-1221	1	mg/kg	0.028	ND
Aroclor-1232	1	mg/kg	0.028	ND
Aroclor-1242	1	mg/kg	0.028	ND
Aroclor-1248	1	mg/kg	0.028	ND
Aroclor-1254	1	mg/kg	0.028	ND
Aroclor-1260	1	mg/kg	0.028	1.8
Aroclor-1262	1	mg/kg	0.028	ND
Aroclor-1268	1	mg/kg	0.028	ND

Sample ID: FM-P97-S026-01-FD
Lab#: AC89047-015
Matrix: Soil

Collection Date: 1/6/2016
Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		89

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	67	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.028	0.8
Aroclor-1016	1	mg/kg	0.028	ND
Aroclor-1221	1	mg/kg	0.028	ND
Aroclor-1232	1	mg/kg	0.028	ND
Aroclor-1242	1	mg/kg	0.028	ND
Aroclor-1248	1	mg/kg	0.028	ND
Aroclor-1254	1	mg/kg	0.028	ND
Aroclor-1260	1	mg/kg	0.028	0.80
Aroclor-1262	1	mg/kg	0.028	ND
Aroclor-1268	1	mg/kg	0.028	ND

Sample ID: FM-P97-S026-01-MS

Lab#: AC89047-016

Matrix: Soil

Collection Date: 1/6/2016

Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		89

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	67	380

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.028	2.01
Aroclor-1016	1	mg/kg	0.028	0.51
Aroclor-1221	1	mg/kg	0.028	ND
Aroclor-1232	1	mg/kg	0.028	ND
Aroclor-1242	1	mg/kg	0.028	ND
Aroclor-1248	1	mg/kg	0.028	ND
Aroclor-1254	1	mg/kg	0.028	ND
Aroclor-1260	1	mg/kg	0.028	1.5
Aroclor-1262	1	mg/kg	0.028	ND
Aroclor-1268	1	mg/kg	0.028	ND

Sample ID: FM-P97-S026-01-MSD

Lab#: AC89047-017

Matrix: Soil

Collection Date: 1/6/2016

Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		88

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	68	390

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.028	1.87
Aroclor-1016	1	mg/kg	0.026	0.57
Aroclor-1221	1	mg/kg	0.028	ND
Aroclor-1232	1	mg/kg	0.028	ND
Aroclor-1242	1	mg/kg	0.028	ND
Aroclor-1248	1	mg/kg	0.028	ND
Aroclor-1254	1	mg/kg	0.028	ND
Aroclor-1260	1	mg/kg	0.028	1.3
Aroclor-1262	1	mg/kg	0.028	ND
Aroclor-1268	1	mg/kg	0.028	ND

Sample ID: FM-P97-S004-01

Lab#: AC89047-018

Matrix: Soil

Collection Date: 1/6/2016

Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		89

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	67	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.028	ND
Aroclor-1016	1	mg/kg	0.028	ND
Aroclor-1221	1	mg/kg	0.028	ND
Aroclor-1232	1	mg/kg	0.028	ND
Aroclor-1242	1	mg/kg	0.028	ND
Aroclor-1248	1	mg/kg	0.028	ND
Aroclor-1254	1	mg/kg	0.028	ND
Aroclor-1260	1	mg/kg	0.028	ND
Aroclor-1262	1	mg/kg	0.028	ND
Aroclor-1268	1	mg/kg	0.028	ND

Sample ID: FM-P97-S009-01

Lab#: AC89047-019

Matrix: Soil

Collection Date: 1/6/2016

Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		93

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	65	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND

Sample ID: FM-P97-S017-01

Lab#: AC89047-020

Matrix: Soil

Collection Date: 1/6/2016

Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		92

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	65	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND

Sample ID: FM-P97-S012-01

Lab#: AC89047-021

Matrix: Soil

Collection Date: 1/6/2016

Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		90

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	67	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.028	ND
Aroclor-1016	1	mg/kg	0.028	ND
Aroclor-1221	1	mg/kg	0.028	ND
Aroclor-1232	1	mg/kg	0.028	ND
Aroclor-1242	1	mg/kg	0.028	ND
Aroclor-1248	1	mg/kg	0.028	ND
Aroclor-1254	1	mg/kg	0.028	ND
Aroclor-1260	1	mg/kg	0.028	ND
Aroclor-1262	1	mg/kg	0.028	ND
Aroclor-1268	1	mg/kg	0.028	ND

Sample ID: FM-P97-S013-01

Lab#: AC89047-022

Matrix: Soil

Collection Date: 1/6/2016

Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		86

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	70	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.029	ND
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	ND
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND

Sample ID: FM-P97-S013-01-FD

Lab#: AC89047-023

Matrix: Soil

Collection Date: 1/6/2016

Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		86

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	70	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.029	ND
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	ND
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND

Sample ID: FM-P97-S014-01

Lab#: AC89047-024

Matrix: Soil

Collection Date: 1/6/2016

Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		86

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	70	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.029	ND
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	ND
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND

Sample ID: FM-P97-S019-01

Lab#: AC89047-025

Matrix: Soil

Collection Date: 1/6/2016

Receipt Date: 1/7/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		90

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	67	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.028	ND
Aroclor-1016	1	mg/kg	0.028	ND
Aroclor-1221	1	mg/kg	0.028	ND
Aroclor-1232	1	mg/kg	0.028	ND
Aroclor-1242	1	mg/kg	0.028	ND
Aroclor-1248	1	mg/kg	0.028	ND
Aroclor-1254	1	mg/kg	0.028	ND
Aroclor-1260	1	mg/kg	0.028	ND
Aroclor-1262	1	mg/kg	0.028	ND
Aroclor-1268	1	mg/kg	0.028	ND

6010703 0042

Hampton-Clarke, Inc. (WBE/DBE/SBE)

175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004

Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458

Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054

Ph (Service Center): 856-780-6057 Fax: 856-780-6056

HC

Hampton-Clarke

WBE/DBE/SBE 800-426-9992

CHAIN OF CUSTODY

RECORD

A Women-Owned, Disadvantaged, Small Business Enterprise

Project # (Lab Use Only)

6010703

Page 2 of 3

3) Reporting Requirements (Please Circle)

Turnaround

When Available:

1 Business Day (100%)*

2 Business Days (75%)*

3 Business Days (50%)*

4 Business Days (35%)*

5 Business Days (25%)

10 Business Days (Stand.)

Other:

Report Type

Data Summary

Results + QC (Waste)

NJ Reduced

NY Reduced

PA Reduced

Full / Category B

Category A

Electronic (PDF)

Electronic Deliv.

Hazsite/CSV

EnviroData

Excel - NJ Regulatory

Excel - NY Regulatory

Excel - PA Regulatory

EQuIS (specify below):

4-File/EZ/NYS/Reg. 2 or 5

Other: PDF

* Expedited TAT Not Always Available. Please Check with Lab.

Customer Information

1a) Customer: Tetra Tech

Address: 1043 Commerce Park Dr. Ste. 100

Oak Ridge, TN 37930

1b) Email/Cell/Fax/Ph: bryk.howze@tetratech.com

1c) Send Invoice to: mikael.spangberg@tetratech.com

1d) Send Report to: mauraeh.mcmiller@tetratech.com

Project Information

2a) Project: 100-TEN-T33367

2b) Project Mgr: Mikael Spangberg

2c) Project Location (City/State): Fort Monmouth NJ

2d) Quote/PO # (If Applicable): 1118697

FOR LAB USE ONLY

Batch #

AC89047

Matrix Codes

DW - Drinking Water S - Soil A - Air

GW - Ground Water SL - Sludge

WW - Waste Water OL - Oil

OT - Other (please specify under item 9, Comments)

Sample Type

Composite (C)

Grab (G)

7) Analysis (specify methods & parameter lists)

PCBs 8082A

EPH NJDEP EPH

PAHs (HOLD)

8) # of Bottles

None

MeOH

En Core

NaOH

HCl

H2SO4

HNO3

Other:

9) Comments

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Composite (C)	Grab (G)	PCBs 8082A	EPH NJDEP EPH	PAHs (HOLD)	None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other:	9) Comments
-011	FM-P97-S007-01	S	1/6/16	0807		✓	✓	✓	✓	1								
-012	FM-P97-S007-01	S	1/6/16	0820		✓	✓	✓	✓	1								
-013	FM-P97-S008-01	S	1/6/16	1020		✓	✓	✓	✓	1								
-014	FM-P97-S026-01	S	1/6/16	1306		✓	✓	✓	✓	1								
-015	FM-P97-S026-01-FD	S	1/6/16	1306		✓	✓	✓	✓	1								
016/017	FM-P97-S026-01-MB/MSD	S	1/6/16	1306		✓	✓	✓	✓	1								MS/MSD
-018	FM-P97-S004-01	S	1/6/16	1323		✓	✓	✓	✓	1								
-019	FM-P97-S009-01	S	1/6/16	1334		✓	✓	✓	✓	1								
-020	FM-P97-S017-01	S	1/6/16	1358		✓	✓	✓	✓	1								
-021	FM-P97-S012-01	S	1/6/16	1439		✓	✓	✓	✓	1								

10) Relinquished by:

Accepted by:

Date

Time

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):

BN or BNA (8270D SIM)

VOC (8260C SIM or 8011)

SPLP (BN, BNA, Metals)

Check if applicable:

Project-Specific Reporting Limits

High Contaminant Concentrations

NJ LSRP Project (also check boxes above/right)

For NNJ LSRP projects, indicate which standards need to be met:

NJDEP GWQS

NJDEP SRS

NJDEP SPLP

Other (specify):

Additional Notes

11) Sampler (print name):

Date:

Please note NUMBERED items. If not completed your analytical work may be delayed. A fee of \$5/sample will be assessed for storage should sample not be activated for any analysis.

Cooler Temperature

3.6, 2.9

[illegible]

Hampton-Clarke Report Of Analysis

Client: Tetra Tech Inc.

HC Project #: 6010810

Project: 100-TEN-T33367

Sample ID: FM-P97-S0018-01

Collection Date: 1/7/2016

Lab#: AC89077-001

Receipt Date: 1/8/2016

Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		85

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	71	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	75.52	100	40	140	76	
1-Chlorooctadecane	71.48	100	40	140	71	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	ND		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	ND		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	85.77	100	30	150	86	
TCMX-Surrogate	109.20	100	30	150	109	
DCB-Surrogate	78.58	100	30	150	79	
DCB-Surrogate	94.94	100	30	150	95	

Sample ID: FM-P97-SW032-01

Lab#: AC89077-002

Matrix: Soil

Collection Date: 1/7/2016

Receipt Date: 1/8/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		86

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	70	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	128.76	100	40	140	129	
1-Chlorooctadecane	117.52	100	40	140	118	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	ND		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	ND		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	89.16	100	30	150	89	
TCMX-Surrogate	77.64	100	30	150	78	
DCB-Surrogate	71.83	100	30	150	72	
DCB-Surrogate	67.84	100	30	150	68	

Sample ID: FM-P97-SW032-01-FD

Lab#: AC89077-003

Matrix: Soil

Collection Date: 1/7/2016

Receipt Date: 1/8/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		86

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	70	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	79.58	100	40	140	80	
1-Chlorooctadecane	74.09	100	40	140	74	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	ND		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	ND		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	92.47	100	30	150	92	
TCMX-Surrogate	78.70	100	30	150	79	
DCB-Surrogate	74.34	100	30	150	74	
DCB-Surrogate	69.51	100	30	150	70	

Sample ID: FM-P97-SW031-01

Lab#: AC89077-004

Matrix: Soil

Collection Date: 1/7/2016

Receipt Date: 1/8/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		86

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	70	85		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	83.18	100	40	140	83	
1-Chlorooctadecane	75.46	100	40	140	75	

PAH Compounds 8270

Analyte	DF	Units	RL	Result		
2-Methylnaphthalene	1	mg/kg	0.039	ND		
Acenaphthene	1	mg/kg	0.039	ND		
Acenaphthylene	1	mg/kg	0.039	ND		
Anthracene	1	mg/kg	0.039	0.062		
Benzo[a]anthracene	1	mg/kg	0.039	0.24		
Benzo[a]pyrene	1	mg/kg	0.039	0.24		
Benzo[b]fluoranthene	1	mg/kg	0.039	0.36		
Benzo[g,h,i]perylene	1	mg/kg	0.039	0.17		
Benzo[k]fluoranthene	1	mg/kg	0.039	0.13		
Chrysene	1	mg/kg	0.039	0.28		
Dibenzo[a,h]anthracene	1	mg/kg	0.039	0.053		
Fluoranthene	1	mg/kg	0.039	0.56		
Fluorene	1	mg/kg	0.039	ND		
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.039	0.15		
Naphthalene	1	mg/kg	0.0097	0.027		
Phenanthrene	1	mg/kg	0.039	0.29		
Pyrene	1	mg/kg	0.039	0.48		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	44.09	50	30	130	88	
Phenol-d5	92.00	100	30	130	92	
Nitrobenzene-d5	44.00	50	30	130	88	
2-Fluorophenol	86.38	100	30	130	86	
2-Fluorobiphenyl	46.40	50	30	130	93	
2,4,6-Tribromophenol	130.74	100	30	130	131	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	ND		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	ND		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	77.64	100	30	150	78	
TCMX-Surrogate	85.02	100	30	150	85	
DCB-Surrogate	82.44	100	30	150	82	
DCB-Surrogate	98.09	100	30	150	98	

Sample ID: FM-P97-SW030-01

Lab#: AC89077-005

Matrix: Soil

Collection Date: 1/7/2016

Receipt Date: 1/8/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		88

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	68	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	72.00	100	40	140	72	
1-Chlorooctadecane	69.27	100	40	140	69	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.028	ND		
Aroclor-1016	1	mg/kg	0.028	ND		
Aroclor-1221	1	mg/kg	0.028	ND		
Aroclor-1232	1	mg/kg	0.028	ND		
Aroclor-1242	1	mg/kg	0.028	ND		
Aroclor-1248	1	mg/kg	0.028	ND		
Aroclor-1254	1	mg/kg	0.028	ND		
Aroclor-1260	1	mg/kg	0.028	ND		
Aroclor-1262	1	mg/kg	0.028	ND		
Aroclor-1268	1	mg/kg	0.028	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	75.22	100	30	150	75	
TCMX-Surrogate	97.59	100	30	150	98	
DCB-Surrogate	69.16	100	30	150	69	
DCB-Surrogate	84.53	100	30	150	85	

Sample ID: FM-P97-SW033-01

Lab#: AC89077-006

Matrix: Soil

Collection Date: 1/7/2016

Receipt Date: 1/8/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		84

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	71	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	73.49	100	40	140	73	
1-Chlorooctadecane	69.51	100	40	140	70	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	5	mg/kg	0.15	3.4		
Aroclor-1016	5	mg/kg	0.15	ND		
Aroclor-1221	5	mg/kg	0.15	ND		
Aroclor-1232	5	mg/kg	0.15	ND		
Aroclor-1242	5	mg/kg	0.15	ND		
Aroclor-1248	5	mg/kg	0.15	ND		
Aroclor-1254	5	mg/kg	0.15	ND		
Aroclor-1260	5	mg/kg	0.15	3.4		
Aroclor-1262	5	mg/kg	0.15	ND		
Aroclor-1268	5	mg/kg	0.15	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	18.55	100	30	150	93	
TCMX-Surrogate	23.18	100	30	150	116	
DCB-Surrogate	18.09	100	30	150	90	
DCB-Surrogate	21.45	100	30	150	107	

Sample ID: FM-P97-SW033-01 MS

Lab#: AC89077-007

Matrix: Soil

Collection Date: 1/7/2016

Receipt Date: 1/8/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		85

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	71	340		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	77.90	100	40	140	78	
1-Chlorooctadecane	70.94	100	40	140	71	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	5	mg/kg	0.15	4.6		
Aroclor-1016	5	mg/kg	0.15	0.80		
Aroclor-1221	5	mg/kg	0.15	ND		
Aroclor-1232	5	mg/kg	0.15	ND		
Aroclor-1242	5	mg/kg	0.15	ND		
Aroclor-1248	5	mg/kg	0.15	ND		
Aroclor-1254	5	mg/kg	0.15	ND		
Aroclor-1260	5	mg/kg	0.15	3.8		
Aroclor-1262	5	mg/kg	0.15	ND		
Aroclor-1268	5	mg/kg	0.15	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	19.14	100	30	150	96	
TCMX-Surrogate	23.07	100	30	150	115	
DCB-Surrogate	19.06	100	30	150	95	
DCB-Surrogate	23.19	100	30	150	116	

Sample ID: FM-P97-SW033-01 MSD

Lab#: AC89077-008

Matrix: Soil

Collection Date: 1/7/2016

Receipt Date: 1/8/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		84

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	71	370		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	84.02	100	40	140	84	
1-Chlorooctadecane	76.79	100	40	140	77	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	5	mg/kg	0.15	4.58		
Aroclor-1016	5	mg/kg	0.15	0.78		
Aroclor-1221	5	mg/kg	0.15	ND		
Aroclor-1232	5	mg/kg	0.15	ND		
Aroclor-1242	5	mg/kg	0.15	ND		
Aroclor-1248	5	mg/kg	0.15	ND		
Aroclor-1254	5	mg/kg	0.15	ND		
Aroclor-1260	5	mg/kg	0.15	3.8		
Aroclor-1262	5	mg/kg	0.15	ND		
Aroclor-1268	5	mg/kg	0.15	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	18.99	100	30	150	95	
TCMX-Surrogate	23.13	100	30	150	116	
DCB-Surrogate	18.15	100	30	150	91	
DCB-Surrogate	22.42	100	30	150	112	

Sample ID: FM-P97-SW034-01

Lab#: AC89077-009

Matrix: Soil

Collection Date: 1/7/2016

Receipt Date: 1/8/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		87

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	69	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	81.70	100	40	140	82	
1-Chlorooctadecane	79.06	100	40	140	79	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	0.15		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	0.15		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	89.97	100	30	150	90	
TCMX-Surrogate	116.76	100	30	150	117	
DCB-Surrogate	82.82	100	30	150	83	
DCB-Surrogate	95.29	100	30	150	95	

Sample ID: FM-P97-SW035-01

Lab#: AC89077-010

Matrix: Soil

Collection Date: 1/7/2016

Receipt Date: 1/8/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		86

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	70	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	71.83	100	40	140	72	
1-Chlorooctadecane	66.26	100	40	140	66	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	0.23		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	0.23		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	85.98	100	30	150	86	
TCMX-Surrogate	110.36	100	30	150	110	
DCB-Surrogate	82.81	100	30	150	83	
DCB-Surrogate	94.73	100	30	150	95	

Sample ID: FM-P97-SW036-01

Lab#: AC89077-011

Matrix: Soil

Collection Date: 1/7/2016

Receipt Date: 1/8/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		87

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	69	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	76.08	100	40	140	76	
1-Chlorooctadecane	68.46	100	40	140	68	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	ND		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	ND		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	91.62	100	30	150	92	
TCMX-Surrogate	76.97	100	30	150	77	
DCB-Surrogate	71.84	100	30	150	72	
DCB-Surrogate	66.09	100	30	150	66	

Sample ID: FM-P97-SW037-01

Lab#: AC89077-012

Matrix: Soil

Collection Date: 1/7/2016

Receipt Date: 1/8/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		87

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	69	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	76.90	100	40	140	77	
1-Chlorooctadecane	72.08	100	40	140	72	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	ND		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	ND		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	89.68	100	30	150	90	
TCMX-Surrogate	114.51	100	30	150	115	
DCB-Surrogate	84.98	100	30	150	85	
DCB-Surrogate	100.05	100	30	150	100	

Sample ID: FM-P97-SW038-01

Lab#: AC89077-013

Matrix: Soil

Collection Date: 1/7/2016

Receipt Date: 1/8/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		82

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	73	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	74.79	100	40	140	75	
1-Chlorooctadecane	72.74	100	40	140	73	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	5	mg/kg	0.15	4.7		
Aroclor-1016	5	mg/kg	0.15	ND		
Aroclor-1221	5	mg/kg	0.15	ND		
Aroclor-1232	5	mg/kg	0.15	ND		
Aroclor-1242	5	mg/kg	0.15	ND		
Aroclor-1248	5	mg/kg	0.15	ND		
Aroclor-1254	5	mg/kg	0.15	ND		
Aroclor-1260	5	mg/kg	0.15	4.7		
Aroclor-1262	5	mg/kg	0.15	ND		
Aroclor-1268	5	mg/kg	0.15	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	21.40	100	30	150	107	
TCMX-Surrogate	23.06	100	30	150	115	
DCB-Surrogate	19.17	100	30	150	96	
DCB-Surrogate	22.68	100	30	150	113	

Sample ID: FM-P97-S027-01

Lab#: AC89077-014

Matrix: Soil

Collection Date: 1/7/2016

Receipt Date: 1/8/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		91

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	66	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	82.07	100	40	140	82	
1-Chlorooctadecane	78.67	100	40	140	79	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.027	0.12		
Aroclor-1016	1	mg/kg	0.027	ND		
Aroclor-1221	1	mg/kg	0.027	ND		
Aroclor-1232	1	mg/kg	0.027	ND		
Aroclor-1242	1	mg/kg	0.027	ND		
Aroclor-1248	1	mg/kg	0.027	ND		
Aroclor-1254	1	mg/kg	0.027	ND		
Aroclor-1260	1	mg/kg	0.027	0.12		
Aroclor-1262	1	mg/kg	0.027	ND		
Aroclor-1268	1	mg/kg	0.027	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	88.34	100	30	150	88	
TCMX-Surrogate	112.42	100	30	150	112	
DCB-Surrogate	86.38	100	30	150	86	
DCB-Surrogate	102.19	100	30	150	102	

Sample ID: FM-P97-S029-01

Lab#: AC89077-015

Matrix: Soil

Collection Date: 1/7/2016

Receipt Date: 1/8/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		89

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	67	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	73.97	100	40	140	74	
1-Chlorooctadecane	73.23	100	40	140	73	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.028	0.27		
Aroclor-1016	1	mg/kg	0.028	ND		
Aroclor-1221	1	mg/kg	0.028	ND		
Aroclor-1232	1	mg/kg	0.028	ND		
Aroclor-1242	1	mg/kg	0.028	ND		
Aroclor-1248	1	mg/kg	0.028	ND		
Aroclor-1254	1	mg/kg	0.028	ND		
Aroclor-1260	1	mg/kg	0.028	0.27		
Aroclor-1262	1	mg/kg	0.028	ND		
Aroclor-1268	1	mg/kg	0.028	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	91.70	100	30	150	92	
TCMX-Surrogate	117.61	100	30	150	118	
DCB-Surrogate	85.69	100	30	150	86	
DCB-Surrogate	99.19	100	30	150	99	

Sample ID: FM-P97-S028-01

Lab#: AC89077-016

Matrix: Soil

Collection Date: 1/7/2016

Receipt Date: 1/8/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		85

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	71	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	76.66	100	40	140	77	
1-Chlorooctadecane	75.03	100	40	140	75	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	ND		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	ND		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	89.19	100	30	150	89	
TCMX-Surrogate	112.65	100	30	150	113	
DCB-Surrogate	82.46	100	30	150	82	
DCB-Surrogate	96.38	100	30	150	96	

Sample ID: FM-P97-S022-01

Lab#: AC89077-017

Matrix: Soil

Collection Date: 1/7/2016

Receipt Date: 1/8/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		90

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	67	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	83.45	100	40	140	83	
1-Chlorooctadecane	78.71	100	40	140	79	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.028	ND		
Aroclor-1016	1	mg/kg	0.028	ND		
Aroclor-1221	1	mg/kg	0.028	ND		
Aroclor-1232	1	mg/kg	0.028	ND		
Aroclor-1242	1	mg/kg	0.028	ND		
Aroclor-1248	1	mg/kg	0.028	ND		
Aroclor-1254	1	mg/kg	0.028	ND		
Aroclor-1260	1	mg/kg	0.028	ND		
Aroclor-1262	1	mg/kg	0.028	ND		
Aroclor-1268	1	mg/kg	0.028	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	81.19	100	30	150	81	
TCMX-Surrogate	103.70	100	30	150	104	
DCB-Surrogate	77.75	100	30	150	78	
DCB-Surrogate	94.04	100	30	150	94	

Sample ID: FM-P97-S023-01

Lab#: AC89077-018

Matrix: Soil

Collection Date: 1/7/2016

Receipt Date: 1/8/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		87

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	69	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	78.22	100	40	140	78	
1-Chlorooctadecane	75.49	100	40	140	75	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	0.11		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	0.11		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	82.75	100	30	150	83	
TCMX-Surrogate	104.47	100	30	150	104	
DCB-Surrogate	76.57	100	30	150	77	
DCB-Surrogate	92.13	100	30	150	92	

Sample ID: FM-P97-S025-01

Lab#: AC89077-019

Matrix: Soil

Collection Date: 1/7/2016

Receipt Date: 1/8/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		87

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	69	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	79.27	100	40	140	79	
1-Chlorooctadecane	77.10	100	40	140	77	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	0.26		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	0.26		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	80.11	100	30	150	80	
TCMX-Surrogate	64.03	100	30	150	64	
DCB-Surrogate	61.36	100	30	150	61	
DCB-Surrogate	53.65	100	30	150	54	

Sample ID: FM-P97-S024-01

Lab#: AC89077-020

Matrix: Soil

Collection Date: 1/7/2016

Receipt Date: 1/8/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		92

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	65	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	76.64	100	40	140	77	
1-Chlorooctadecane	72.87	100	40	140	73	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.027	0.077		
Aroclor-1016	1	mg/kg	0.027	ND		
Aroclor-1221	1	mg/kg	0.027	ND		
Aroclor-1232	1	mg/kg	0.027	ND		
Aroclor-1242	1	mg/kg	0.027	ND		
Aroclor-1248	1	mg/kg	0.027	ND		
Aroclor-1254	1	mg/kg	0.027	ND		
Aroclor-1260	1	mg/kg	0.027	0.077		
Aroclor-1262	1	mg/kg	0.027	ND		
Aroclor-1268	1	mg/kg	0.027	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	85.08	100	30	150	85	
TCMX-Surrogate	68.95	100	30	150	69	
DCB-Surrogate	68.18	100	30	150	68	
DCB-Surrogate	61.47	100	30	150	61	

Sample ID: FM-P97-S024-01-FD

Lab#: AC89077-021

Matrix: Soil

Collection Date: 1/7/2016

Receipt Date: 1/8/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		92

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	65	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	84.69	100	40	140	85	
1-Chlorooctadecane	80.11	100	40	140	80	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.027	0.097		
Aroclor-1016	1	mg/kg	0.027	ND		
Aroclor-1221	1	mg/kg	0.027	ND		
Aroclor-1232	1	mg/kg	0.027	ND		
Aroclor-1242	1	mg/kg	0.027	ND		
Aroclor-1248	1	mg/kg	0.027	ND		
Aroclor-1254	1	mg/kg	0.027	ND		
Aroclor-1260	1	mg/kg	0.027	0.097		
Aroclor-1262	1	mg/kg	0.027	ND		
Aroclor-1268	1	mg/kg	0.027	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	82.04	100	30	150	82	
TCMX-Surrogate	104.32	100	30	150	104	
DCB-Surrogate	77.75	100	30	150	78	
DCB-Surrogate	89.63	100	30	150	90	

Hampton-Clarke, Inc. (WBE/DBE/SBE)

175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004

Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458

Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054

Ph (Service Center): 856-780-6057 Fax: 856-780-6056

HC

Hampton-Clarke

WBE/DBE/SBE 800-426-9992

CHAIN OF CUSTODY
RECORD

A Women-Owned, Disadvantaged, Small Business Enterprise

Project # (Lab Use Only)

6010810

Page 1 of 2

3) Reporting Requirements (Please Circle)

Turnaround

When Available:

1 Business Day (100%)*

2 Business Days (75%)*

3 Business Days (50%)*

4 Business Days (35%)*

5 Business Days (25%)

10 Business Days (Stand.)

Other:

Report Type

Data Summary

Results + QC (Waste)

NJ Reduced

NY Reduced

PA Reduced

Full / Category B

Category A

Electronic (PDF)

Electronic Deliv.

Hazsite/CSV

EnviroData

Excel - NJ Regulatory

Excel - NY Regulatory

Excel - PA Regulatory

EQUIS (specify below):

4-File/EZ/NYS/Reg. 2 or 5

Other: PDF

* Expedited TAT Not Always Available. Please Check with Lab.

Customer Information

1a) Customer: Tetra Tech

Address: 1093 Commerce Park Dr. Ste 100

Oak Ridge, TN 37830

1b) Email/Cell/Fax/Ph: bryn.howze@tetrattech.com

1c) Send Invoice to: mikael.sponberg@tetrattech.com

1d) Send Report to: maureen.mcmyler@tetrattech.com

Project Information

2a) Project: 100-TEN-T33367

2b) Project Mgr: Mikael Sponberg

2c) Project Location (City/State): Fort Monmouth N.J.

2d) Quote/PO # (If Applicable): 1118697

FOR LAB USE ONLY

Batch #

AC89077

Matrix Codes

DW - Drinking Water S - Soil A - Air

GW - Ground Water SL - Sludge

WW - Waste Water OL - Oil

OT - Other (please specify under item 9, Comments)

Sample Type

Composite (C)

Grab (G)

7) Analysis (specify methods & parameter lists)

PCBs 8082A

EPH N5DEP EPH N10

PAH (HOLD)

8) # of Bottles

None

MeOH

En Core

NaOH

HCl

H2SO4

HNO3

Other:

9) Comments

MS/MSD

10) Relinquished by:

By: [Signature]

Accepted by:

Date:

Time:

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):

BN or BNA (8270D SIM)

VOC (8260C SIM or 8011)

SPLP (BN, BNA, Metals)

Check if applicable:

Project-Specific Reporting Limits

High Contaminant Concentrations

NJ LSRP Project (also check boxes above/right)

For NNJ LSRP projects, indicate which standards need to be met:

NJDEP GWQS

NJDEP SRS

NJDEP SPLP

Other (specify):

Cooler Temperature

2.8

11) Sampler (print name):

Date:

Please note NUMBERED items. If not completed your analytical work may be delayed.

A fee of \$5/sample will be assessed for storage should sample not be activated for any analysis.

Additional Notes

Hampton-Clarke, Inc. (WBE/DBE/SBE)

175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004

Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458

Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054

Ph (Service Center): 856-780-6057 Fax: 856-780-6056

HC

Hampton-Clarke

WBE/DBE/SBE 800-426-9992

A Women-Owned, Disadvantaged, Small Business Enterprise

CHAIN OF CUSTODY

RECORD

Project # (Lab Use Only)

6010810

Page 2 of 2

3) Reporting Requirements (Please Circle)

Turnaround

When Available:

1 Business Day (100%)*

2 Business Days (75%)*

3 Business Days (50%)*

4 Business Days (35%)*

5 Business Days (25%)

10 Business Days (Stand.)

Other:

Report Type

Data Summary

Results + QC (Waste)

NJ Reduced

NY Reduced

PA Reduced

Full / Category B

Category A

Electronic (PDF)

Electronic Deliv.

Hazsite/CSV

EnviroData

Excel - NJ Regulatory

Excel - NY Regulatory

Excel - PA Regulatory

EQUIS (specify below):

4-File/EZ/NYS/Reg. 2 or 5

Other: PDF

* Expedited TAT Not Always Available. Please Check with Lab.

Customer Information

1a) Customer: Tetra Tech

Address: 1093 Commerce Park Dr, Ste 100

1b) Email/Cell/Fax/Ph: bryn.howze@tetratech.com

1c) Send Invoice to: mikael.spangberg@tetratech.com

1d) Send Report to: maureen.mcmyler@tetratech.com

Project Information

2a) Project: 100-TEN-T33367

2b) Project Mgr: Mikael Spangberg

2c) Project Location (City/State): Fort Monmouth, N.J.

Quote/PO # (If Applicable): 1118697

FOR LAB USE ONLY

Batch #

AC89077

7) Analysis (specify methods & parameter lists)

Matrix Codes

DW - Drinking Water S - Soil A - Air

GW - Ground Water SL - Sludge

WW - Waste Water OL - Oil

OT - Other (please specify under item 9, Comments)

Sample Type

Composite (C)

Grab (G)

PCBs 8042-A

EPH NTDEP EPH 10108

PAHs (HOLD)

8) # of Bottles

None

MeOH

En Core

NaOH

HCl

H2SO4

HNO3

Other:

9) Comments

5) Matrix

6) Sample

4) Customer Sample ID

Date

Time

11/7/16

1227

FM-P97-SH037-01

S

11/7/16

1233

FM-P97-S038-01

S

11/7/16

1240

FM-P97-S027-01

S

11/7/16

1245

FM-P97-S029-01

S

11/7/16

1249

FM-P97-S028-01

S

11/7/16

1253

FM-P97-S022-01

S

11/7/16

1259

FM-P97-S023-01

S

11/7/16

1303

FM-P97-S025-01

S

11/7/16

1311

FM-P97-S024-01

S

11/7/16

1311

FM-P97-S024-01-FD

10) Relinquished by:

Accepted by:

Date

Time

11/8/16

12:00

11/8/16

13:00

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):

BN or BNA (8270D SIM)

VOC (8260C SIM or 8011)

SPLP (BN, BNA, Metals)

Check if applicable:

Project-Specific Reporting Limits

High Contaminant Concentrations

NJ LSRP Project (also check boxes above/right)

For NNJ LSRP projects, indicate which standards need to be met:

NJDEP GWQS

NJDEP SRS

NJDEP SPLP

Other (specify):

Additional Notes

11) Sampler (print name):

Date:

Please note NUMBERED items. If not completed your analytical work may be delayed.

A fee of \$5/sample will be assessed for storage should sample not be activated for any analysis.

Hampton-Clarke Report Of Analysis

Client: Tetra Tech Inc.

HC Project #: 6062309

Project: Fort Monmouth Parcel 97

Sample ID: FM-SO040-04

Collection Date: 6/22/2016

Lab#: AC91986-001

Receipt Date: 6/23/2016

Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		85

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	71	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	70.17	100	40	140	70	
1-Chlorooctadecane	66.41	100	40	140	66	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	ND		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	ND		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	118.95	100	37	141	119	
TCMX-Surrogate	133.83	100	37	141	134	
DCB-Surrogate	133.23	100	34	146	133	
DCB-Surrogate	142.10	100	34	146	142	

Sample ID: FM-SO040-05
Lab#: AC91986-002
Matrix: Soil

Collection Date: 6/22/2016
Receipt Date: 6/23/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		85

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	71	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	77.01	100	40	140	77	
1-Chlorooctadecane	74.00	100	40	140	74	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	ND		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	ND		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	120.91	100	37	141	121	
TCMX-Surrogate	136.96	100	37	141	137	
DCB-Surrogate	120.78	100	34	146	121	
DCB-Surrogate	127.88	100	34	146	128	

Sample ID: FM-SO033-04
 Lab#: AC91986-003
 Matrix: Soil

Collection Date: 6/22/2016
 Receipt Date: 6/23/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		86

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	70	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	92.58	100	40	140	93	
1-Chlorooctadecane	88.30	100	40	140	88	

PAH Compounds 8270

Analyte	DF	Units	RL	Result		
2-Methylnaphthalene	1	mg/kg	0.039	ND		
Acenaphthene	1	mg/kg	0.039	ND		
Acenaphthylene	1	mg/kg	0.039	ND		
Anthracene	1	mg/kg	0.039	ND		
Benzo[a]anthracene	1	mg/kg	0.039	ND		
Benzo[a]pyrene	1	mg/kg	0.039	ND		
Benzo[b]fluoranthene	1	mg/kg	0.039	ND		
Benzo[g,h,i]perylene	1	mg/kg	0.039	ND		
Benzo[k]fluoranthene	1	mg/kg	0.039	ND		
Chrysene	1	mg/kg	0.039	ND		
Dibenzo[a,h]anthracene	1	mg/kg	0.039	ND		
Fluoranthene	1	mg/kg	0.039	ND		
Fluorene	1	mg/kg	0.039	ND		
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.039	ND		
Naphthalene	1	mg/kg	0.0097	ND		
Phenanthrene	1	mg/kg	0.039	ND		
Pyrene	1	mg/kg	0.039	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	46.75	50	58	148	94	
Phenol-d5	67.17	100	49	129	67	
Nitrobenzene-d5	36.58	50	52	129	73	
2-Fluorophenol	70.31	100	43	128	70	
2-Fluorobiphenyl	39.18	50	58	125	78	
2,4,6-Tribromophenol	87.92	100	54	145	88	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	10	mg/kg	0.29	2.9		
Aroclor-1016	10	mg/kg	0.29	ND		
Aroclor-1221	10	mg/kg	0.29	ND		
Aroclor-1232	10	mg/kg	0.29	ND		
Aroclor-1242	10	mg/kg	0.29	ND		
Aroclor-1248	10	mg/kg	0.29	ND		
Aroclor-1254	10	mg/kg	0.29	ND		
Aroclor-1260	10	mg/kg	0.29	2.9		
Aroclor-1262	10	mg/kg	0.29	ND		
Aroclor-1268	10	mg/kg	0.29	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	9.34	100	37	141	93	
TCMX-Surrogate	8.90	100	37	141	89	
DCB-Surrogate	10.10	100	34	146	101	
DCB-Surrogate	10.17	100	34	146	102	

Sample ID: FM-SO033-05
 Lab#: AC91986-004
 Matrix: Soil

Collection Date: 6/22/2016
 Receipt Date: 6/23/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		84

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	71	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	74.26	100	40	140	74	
1-Chlorooctadecane	70.64	100	40	140	71	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.030	ND		
Aroclor-1016	1	mg/kg	0.030	ND		
Aroclor-1221	1	mg/kg	0.030	ND		
Aroclor-1232	1	mg/kg	0.030	ND		
Aroclor-1242	1	mg/kg	0.030	ND		
Aroclor-1248	1	mg/kg	0.030	ND		
Aroclor-1254	1	mg/kg	0.030	ND		
Aroclor-1260	1	mg/kg	0.030	ND		
Aroclor-1262	1	mg/kg	0.030	ND		
Aroclor-1268	1	mg/kg	0.030	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	115.69	100	37	141	116	
TCMX-Surrogate	128.58	100	37	141	129	
DCB-Surrogate	113.07	100	34	146	113	
DCB-Surrogate	119.18	100	34	146	119	

Sample ID: FM-SO039-02
 Lab#: AC91986-005
 Matrix: Soil

Collection Date: 6/22/2016
 Receipt Date: 6/23/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		86

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	70	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	69.26	100	40	140	69	
1-Chlorooctadecane	69.04	100	40	140	69	

PAH Compounds 8270

Analyte	DF	Units	RL	Result		
2-Methylnaphthalene	1	mg/kg	0.039	ND		
Acenaphthene	1	mg/kg	0.039	ND		
Acenaphthylene	1	mg/kg	0.039	ND		
Anthracene	1	mg/kg	0.039	ND		
Benzo[a]anthracene	1	mg/kg	0.039	0.063		
Benzo[a]pyrene	1	mg/kg	0.039	0.047		
Benzo[b]fluoranthene	1	mg/kg	0.039	0.071		
Benzo[g,h,i]perylene	1	mg/kg	0.039	0.041		
Benzo[k]fluoranthene	1	mg/kg	0.039	ND		
Chrysene	1	mg/kg	0.039	0.055		
Dibenzo[a,h]anthracene	1	mg/kg	0.039	ND		
Fluoranthene	1	mg/kg	0.039	0.12		
Fluorene	1	mg/kg	0.039	ND		
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.039	ND		
Naphthalene	1	mg/kg	0.0097	ND		
Phenanthrene	1	mg/kg	0.039	0.097		
Pyrene	1	mg/kg	0.039	0.13		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	43.60	50	58	148	87	
Phenol-d5	81.17	100	49	129	81	
Nitrobenzene-d5	37.11	50	52	129	74	
2-Fluorophenol	76.22	100	43	128	76	
2-Fluorobiphenyl	38.07	50	58	125	76	
2,4,6-Tribromophenol	84.13	100	54	145	84	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	0.87		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	0.87		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	100.00	100	37	141	100	
TCMX-Surrogate	108.14	100	37	141	108	
DCB-Surrogate	94.84	100	34	146	95	
DCB-Surrogate	98.91	100	34	146	99	

Sample ID: FM-SO039-03

Lab#: AC91986-006

Matrix: Soil

Collection Date: 6/22/2016

Receipt Date: 6/23/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		87

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	69	350		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	65.50	100	40	140	66	
1-Chlorooctadecane	59.03	100	40	140	59	

PAH Compounds 8270

Analyte	DF	Units	RL	Result		
2-Methylnaphthalene	1	mg/kg	0.038	ND		
Acenaphthene	1	mg/kg	0.038	ND		
Acenaphthylene	1	mg/kg	0.038	0.12		
Anthracene	1	mg/kg	0.038	0.060		
Benzo[a]anthracene	1	mg/kg	0.038	0.21		
Benzo[a]pyrene	1	mg/kg	0.038	0.26		
Benzo[b]fluoranthene	1	mg/kg	0.038	0.82		
Benzo[g,h,i]perylene	1	mg/kg	0.038	0.24		
Benzo[k]fluoranthene	1	mg/kg	0.038	0.25		
Chrysene	1	mg/kg	0.038	0.89		
Dibenzo[a,h]anthracene	1	mg/kg	0.038	0.056		
Fluoranthene	1	mg/kg	0.038	0.99		
Fluorene	1	mg/kg	0.038	ND		
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.038	0.21		
Naphthalene	1	mg/kg	0.0096	ND		
Phenanthrene	1	mg/kg	0.038	0.12		
Pyrene	1	mg/kg	0.038	1.3		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	41.77	50	58	148	84	
Phenol-d5	64.57	100	49	129	65	
Nitrobenzene-d5	35.20	50	52	129	70	
2-Fluorophenol	65.29	100	43	128	65	
2-Fluorobiphenyl	39.04	50	58	125	78	
2,4,6-Tribromophenol	91.96	100	54	145	92	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	0.28		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	0.28		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	100.18	100	37	141	100	
TCMX-Surrogate	110.96	100	37	141	111	
DCB-Surrogate	112.66	100	34	146	113	
DCB-Surrogate	116.67	100	34	146	117	

Sample ID: FM-SO039-04
 Lab#: AC91986-007
 Matrix: Soil

Collection Date: 6/22/2016
 Receipt Date: 6/23/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		86

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	10	mg/kg	700	4000		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	11.97	100	40	140	120	
1-Chlorooctadecane	10.19	100	40	140	102	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	0.095		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	0.095		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	96.64	100	37	141	97	
TCMX-Surrogate	114.84	100	37	141	115	
DCB-Surrogate	114.16	100	34	146	114	
DCB-Surrogate	122.34	100	34	146	122	

Sample ID: FM-SO039-05
 Lab#: AC91986-008
 Matrix: Soil

Collection Date: 6/22/2016
 Receipt Date: 6/23/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		82

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	73	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	70.80	100	40	140	71	
1-Chlorooctadecane	68.75	100	40	140	69	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.030	ND		
Aroclor-1016	1	mg/kg	0.030	ND		
Aroclor-1221	1	mg/kg	0.030	ND		
Aroclor-1232	1	mg/kg	0.030	ND		
Aroclor-1242	1	mg/kg	0.030	ND		
Aroclor-1248	1	mg/kg	0.030	ND		
Aroclor-1254	1	mg/kg	0.030	ND		
Aroclor-1260	1	mg/kg	0.030	ND		
Aroclor-1262	1	mg/kg	0.030	ND		
Aroclor-1268	1	mg/kg	0.030	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	112.73	100	37	141	113	
TCMX-Surrogate	122.01	100	37	141	122	
DCB-Surrogate	108.38	100	34	146	108	
DCB-Surrogate	114.43	100	34	146	114	

Sample ID: FM-SO041-04
 Lab#: AC91986-009
 Matrix: Soil

Collection Date: 6/22/2016
 Receipt Date: 6/23/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		84

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	71	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	66.34	100	40	140	66	
1-Chlorooctadecane	64.49	100	40	140	64	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.030	ND		
Aroclor-1016	1	mg/kg	0.030	ND		
Aroclor-1221	1	mg/kg	0.030	ND		
Aroclor-1232	1	mg/kg	0.030	ND		
Aroclor-1242	1	mg/kg	0.030	ND		
Aroclor-1248	1	mg/kg	0.030	ND		
Aroclor-1254	1	mg/kg	0.030	ND		
Aroclor-1260	1	mg/kg	0.030	ND		
Aroclor-1262	1	mg/kg	0.030	ND		
Aroclor-1268	1	mg/kg	0.030	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	96.29	100	37	141	96	
TCMX-Surrogate	105.06	100	37	141	105	
DCB-Surrogate	89.77	100	34	146	90	
DCB-Surrogate	95.18	100	34	146	95	

Sample ID: FM-SO041-05

Lab#: AC91986-010

Matrix: Soil

Collection Date: 6/22/2016

Receipt Date: 6/23/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		83

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	72	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	76.52	100	40	140	77	
1-Chlorooctadecane	73.72	100	40	140	74	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.030	ND		
Aroclor-1016	1	mg/kg	0.030	ND		
Aroclor-1221	1	mg/kg	0.030	ND		
Aroclor-1232	1	mg/kg	0.030	ND		
Aroclor-1242	1	mg/kg	0.030	ND		
Aroclor-1248	1	mg/kg	0.030	ND		
Aroclor-1254	1	mg/kg	0.030	ND		
Aroclor-1260	1	mg/kg	0.030	ND		
Aroclor-1262	1	mg/kg	0.030	ND		
Aroclor-1268	1	mg/kg	0.030	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	101.20	100	37	141	101	
TCMX-Surrogate	111.26	100	37	141	111	
DCB-Surrogate	94.50	100	34	146	94	
DCB-Surrogate	99.98	100	34	146	100	

Sample ID: FM-SO042-04
 Lab#: AC91986-011
 Matrix: Soil

Collection Date: 6/22/2016
 Receipt Date: 6/23/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		85

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	71	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	75.91	100	40	140	76	
1-Chlorooctadecane	72.51	100	40	140	73	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	ND		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	ND		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	91.27	100	37	141	91	
TCMX-Surrogate	99.79	100	37	141	100	
DCB-Surrogate	85.30	100	34	146	85	
DCB-Surrogate	90.07	100	34	146	90	

Sample ID: FM-SO042-05
 Lab#: AC91986-012
 Matrix: Soil

Collection Date: 6/22/2016
 Receipt Date: 6/23/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		80

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	75	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	76.74	100	40	140	77	
1-Chlorooctadecane	72.43	100	40	140	72	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.031	ND		
Aroclor-1016	1	mg/kg	0.031	ND		
Aroclor-1221	1	mg/kg	0.031	ND		
Aroclor-1232	1	mg/kg	0.031	ND		
Aroclor-1242	1	mg/kg	0.031	ND		
Aroclor-1248	1	mg/kg	0.031	ND		
Aroclor-1254	1	mg/kg	0.031	ND		
Aroclor-1260	1	mg/kg	0.031	ND		
Aroclor-1262	1	mg/kg	0.031	ND		
Aroclor-1268	1	mg/kg	0.031	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	124.71	100	37	141	125	
TCMX-Surrogate	133.41	100	37	141	133	
DCB-Surrogate	135.23	100	34	146	135	
DCB-Surrogate	141.47	100	34	146	141	

Sample ID: FM-SO042-05 MS

Lab#: AC91986-013

Matrix: Soil

Collection Date: 6/22/2016

Receipt Date: 6/23/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		79

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	76	370		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	84.74	100	40	140	85	
1-Chlorooctadecane	80.07	100	40	140	80	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.032	1.2		
Aroclor-1016	1	mg/kg	0.032	0.63		
Aroclor-1221	1	mg/kg	0.032	ND		
Aroclor-1232	1	mg/kg	0.032	ND		
Aroclor-1242	1	mg/kg	0.032	ND		
Aroclor-1248	1	mg/kg	0.032	ND		
Aroclor-1254	1	mg/kg	0.032	ND		
Aroclor-1260	1	mg/kg	0.032	0.58		
Aroclor-1262	1	mg/kg	0.032	ND		
Aroclor-1268	1	mg/kg	0.032	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	92.86	100	37	141	93	
TCMX-Surrogate	95.64	100	37	141	96	
DCB-Surrogate	88.54	100	34	146	89	
DCB-Surrogate	89.06	100	34	146	89	

Sample ID: FM-SO042-05 MSD

Lab#: AC91986-014

Matrix: Soil

Collection Date: 6/22/2016

Receipt Date: 6/23/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		80

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	75	390		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	86.28	100	40	140	86	
1-Chlorooctadecane	81.27	100	40	140	81	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.031	1.1		
Aroclor-1016	1	mg/kg	0.031	0.57		
Aroclor-1221	1	mg/kg	0.031	ND		
Aroclor-1232	1	mg/kg	0.031	ND		
Aroclor-1242	1	mg/kg	0.031	ND		
Aroclor-1248	1	mg/kg	0.031	ND		
Aroclor-1254	1	mg/kg	0.031	ND		
Aroclor-1260	1	mg/kg	0.031	0.54		
Aroclor-1262	1	mg/kg	0.031	ND		
Aroclor-1268	1	mg/kg	0.031	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	83.57	100	37	141	84	
TCMX-Surrogate	91.25	100	37	141	91	
DCB-Surrogate	81.86	100	34	146	82	
DCB-Surrogate	84.96	100	34	146	85	

Sample ID: FM-SO043-04
 Lab#: AC91986-015
 Matrix: Soil

Collection Date: 6/22/2016
 Receipt Date: 6/23/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		84

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	71	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	92.11	100	40	140	92	
1-Chlorooctadecane	90.22	100	40	140	90	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.030	ND		
Aroclor-1016	1	mg/kg	0.030	ND		
Aroclor-1221	1	mg/kg	0.030	ND		
Aroclor-1232	1	mg/kg	0.030	ND		
Aroclor-1242	1	mg/kg	0.030	ND		
Aroclor-1248	1	mg/kg	0.030	ND		
Aroclor-1254	1	mg/kg	0.030	ND		
Aroclor-1260	1	mg/kg	0.030	ND		
Aroclor-1262	1	mg/kg	0.030	ND		
Aroclor-1268	1	mg/kg	0.030	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	87.19	100	37	141	87	
TCMX-Surrogate	94.11	100	37	141	94	
DCB-Surrogate	83.08	100	34	146	83	
DCB-Surrogate	86.49	100	34	146	86	

Sample ID: FM-SO043-05
 Lab#: AC91986-016
 Matrix: Soil

Collection Date: 6/22/2016
 Receipt Date: 6/23/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		86

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	70	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	71.92	100	40	140	72	
1-Chlorooctadecane	69.62	100	40	140	70	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	0.035		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	0.035		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	91.64	100	37	141	92	
TCMX-Surrogate	109.92	100	37	141	110	
DCB-Surrogate	77.14	100	34	146	77	
DCB-Surrogate	79.61	100	34	146	80	

Sample ID: FM-SO058-02

Lab#: AC91986-017

Matrix: Soil

Collection Date: 6/22/2016

Receipt Date: 6/23/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		84

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	71	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	86.43	100	40	140	86	
1-Chlorooctadecane	84.31	100	40	140	84	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.030	0.089		
Aroclor-1016	1	mg/kg	0.030	ND		
Aroclor-1221	1	mg/kg	0.030	ND		
Aroclor-1232	1	mg/kg	0.030	ND		
Aroclor-1242	1	mg/kg	0.030	ND		
Aroclor-1248	1	mg/kg	0.030	ND		
Aroclor-1254	1	mg/kg	0.030	ND		
Aroclor-1260	1	mg/kg	0.030	0.089		
Aroclor-1262	1	mg/kg	0.030	ND		
Aroclor-1268	1	mg/kg	0.030	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	90.40	100	37	141	90	
TCMX-Surrogate	94.67	100	37	141	95	
DCB-Surrogate	85.29	100	34	146	85	
DCB-Surrogate	90.80	100	34	146	91	

Sample ID: FM-SO058-03
 Lab#: AC91986-018
 Matrix: Soil

Collection Date: 6/22/2016
 Receipt Date: 6/23/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		82

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	73	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	77.65	100	40	140	78	
1-Chlorooctadecane	73.17	100	40	140	73	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.030	ND		
Aroclor-1016	1	mg/kg	0.030	ND		
Aroclor-1221	1	mg/kg	0.030	ND		
Aroclor-1232	1	mg/kg	0.030	ND		
Aroclor-1242	1	mg/kg	0.030	ND		
Aroclor-1248	1	mg/kg	0.030	ND		
Aroclor-1254	1	mg/kg	0.030	ND		
Aroclor-1260	1	mg/kg	0.030	ND		
Aroclor-1262	1	mg/kg	0.030	ND		
Aroclor-1268	1	mg/kg	0.030	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	78.92	100	37	141	79	
TCMX-Surrogate	82.99	100	37	141	83	
DCB-Surrogate	85.91	100	34	146	86	
DCB-Surrogate	78.32	100	34	146	78	

Sample ID: FM-SO058-04
 Lab#: AC91986-019
 Matrix: Soil

Collection Date: 6/22/2016
 Receipt Date: 6/23/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		82

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	73	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	77.17	100	40	140	77	
1-Chlorooctadecane	75.71	100	40	140	76	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.030	ND		
Aroclor-1016	1	mg/kg	0.030	ND		
Aroclor-1221	1	mg/kg	0.030	ND		
Aroclor-1232	1	mg/kg	0.030	ND		
Aroclor-1242	1	mg/kg	0.030	ND		
Aroclor-1248	1	mg/kg	0.030	ND		
Aroclor-1254	1	mg/kg	0.030	ND		
Aroclor-1260	1	mg/kg	0.030	ND		
Aroclor-1262	1	mg/kg	0.030	ND		
Aroclor-1268	1	mg/kg	0.030	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	76.79	100	37	141	77	
TCMX-Surrogate	80.01	100	37	141	80	
DCB-Surrogate	74.85	100	34	146	75	
DCB-Surrogate	77.60	100	34	146	78	

Sample ID: FM-SO058-05
 Lab#: AC91986-020
 Matrix: Soil

Collection Date: 6/22/2016
 Receipt Date: 6/23/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		82

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	73	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	75.16	100	40	140	75	
1-Chlorooctadecane	73.07	100	40	140	73	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.030	ND		
Aroclor-1016	1	mg/kg	0.030	ND		
Aroclor-1221	1	mg/kg	0.030	ND		
Aroclor-1232	1	mg/kg	0.030	ND		
Aroclor-1242	1	mg/kg	0.030	ND		
Aroclor-1248	1	mg/kg	0.030	ND		
Aroclor-1254	1	mg/kg	0.030	ND		
Aroclor-1260	1	mg/kg	0.030	ND		
Aroclor-1262	1	mg/kg	0.030	ND		
Aroclor-1268	1	mg/kg	0.030	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	71.27	100	37	141	71	
TCMX-Surrogate	86.88	100	37	141	87	
DCB-Surrogate	77.46	100	34	146	77	
DCB-Surrogate	80.23	100	34	146	80	

Hampton-Clarke, Inc. (WBE/DBE/SBE) 175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004 Ph: 800-426-9992 973-244-9770 Fax: 973-244-9787 973-439-1458 Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054 Ph (Service Center): 856-780-6057 Fax: 856-780-6056			HC Hampton-Clarke WBE/DBE/SBE 800-426-9992 A Women-Owned, Disadvantaged, Small Business Enterprise			CHAIN OF CUSTODY RECORD			Project # (Lab Use Only) 6062309			Page 1 of 2		
NELAC/NJ #07071 PA #68-00463 NY #11408 CT #PH-0671 KY #90124 DE HSCA Approved														
Customer Information						Project Information								
1a) Customer: Tetra Tech						2a) Project: Fort Monmouth								
Address: 1093 Commerce Park Dr. Ste 100						Parcel 97 (Bldg. 978)								
Oak Ridge TN 37830						2b) Project Mgr: Mikael Springberg								
1b) Email/Cell/Fax/Ph: Rob 407-448-9553 Maureen						2c) Project Location (City/State): Fort Monmouth NJ								
1c) Send Invoice to: Maureen McMyler 865-220-1762						2d) Quote/PO # (If Applicable): 4817								
1d) Send Report to: Maureen McMyler														
3) Reporting Requirements (Please Circle)														
Turnaround				Report Type				Electronic Deliv.						
When Available:				Data Summary				Hazsite/CSV						
1 Business Day (100%)*				Results + QC (Waste)				EnviroData						
2 Business Days (75%)*				NJ Reduced				Excel - NJ Regulatory						
3 Business Days (50%)*				NY Reduced				Excel - NY Regulatory						
4 Business Days (35%)*				PA Reduced				Excel - PA Regulatory						
5 Business Days (25%)				Full / Category B				EQuIS (specify below):						
10 Business Days (Stand.)				Category A				4-File/EZ/NYS/Reg. 2 or 5						
Other:				Electronic (PDF)				Other:						
* Expedited TAT Not Always Available. Please Check with Lab.														
FOR LAB USE ONLY														
==== Check If Contingent ====														
Matrix Codes														
DW - Drinking Water S - Soil A - Air														
GW - Ground Water SL - Sludge														
WW - Waste Water OL - Oil														
OT - Other (please specify under item 9, Comments)														
Sample Type														
Composite (C) Grab (G)														
Batch #														
Ac91986														
Analysis (specify methods & parameter lists)														
8) # of Bottles														
None MeOH En Core NaOH HCl H2SO4 HNO3 Other:														
9) Comments														
Lab Sample # 4) Customer Sample ID 5) Matrix 6) Sample Date Time Composite (C) Grab (G) PS 8082 3-Dry TAT (run) NJ EPH Cat 2 3-Dry TAT (run) PAH 8270 (Hold)														
-001 FM-SD040-04 S 4/22/16 1035 X X X X PS040														
-002 FM-SD040-05 S 1035 X X X X PS040														
-003 FM-SD033-04 S 1125 X X X X PS033														
-004 FM-SD033-05 S 1125 X X X X PS033														
-005 FM-SD039-02 S 1052 X X X X PS039														
-006 FM-SD039-03 S 1057 X X X X PS039														
-007 FM-SD039-04 S 1102 X X X X PS039														
-008 FM-SD039-05 S 1103 X X X X PS039														
-009 FM-SD041-04 S 1150 X X X X PS041														
-010 FM-SD041-05 S 1150 X X X X PS041														
10) Relinquished by: Rob Rolon Accepted by: Date: 4/22/16 Time: 1600														
Comments, Notes, Special Requirements, HAZARDS														
Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):														
BN or BNA (8270D SIM)														
VOC (8260C SIM or 8011)														
SPLP (BN, BNA, Metals)														
Check if applicable:														
Project-Specific Reporting Limits														
High Contaminant Concentrations														
NJ LSRP Project (also check boxes above/right)														
Cooler Temperature														
11) Sampler (print name): Date:														
Please note NUMBERED items. If not completed your analytical work may be delayed.														
A fee of \$5/sample will be assessed for storage should sample not be activated for any analysis.														

Hampton-Clarke, Inc. (WBE/DBE/SBE) 175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004 Ph: 800-426-9992 973-244-9770 Fax: 973-244-9787 973-439-1458 Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054 Ph (Service Center): 856-780-6057 Fax: 856-780-6056			HC Hampton-Clarke WBE/DBE/SBE 800-426-9992 A Women-Owned, Disadvantaged, Small Business Enterprise		CHAIN OF CUSTODY RECORD		Project # (Lab Use Only) 6062309		Page 2 of 2																																																																																																																																																																																																																																									
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Please note NUMBERED items. If not completed your analytical work may be delayed.																																																																																																																																																																																																																																																		
A fee of \$5/sample will be assessed for storage should sample not be activated for any analysis.																																																																																																																																																																																																																																																		

Hampton-Clarke Report Of Analysis

Client: Tetra Tech Inc.

HC Project #: 6062422

Project: Fort Monmouth Parcel 97

Sample ID: FM-GW039
Lab#: AC92025-001
Matrix: Aqueous

Collection Date: 6/23/2016
Receipt Date: 6/24/2016

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	ug/l	300	2200		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	86.42	100	40	140	86	
1-Chlorooctadecane	82.03	100	40	140	82	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	ug/l	0.25	ND		
Aroclor-1016	1	ug/l	0.25	ND		
Aroclor-1221	1	ug/l	0.25	ND		
Aroclor-1232	1	ug/l	0.25	ND		
Aroclor-1242	1	ug/l	0.25	ND		
Aroclor-1248	1	ug/l	0.25	ND		
Aroclor-1254	1	ug/l	0.25	ND		
Aroclor-1260	1	ug/l	0.25	ND		
Aroclor-1262	1	ug/l	0.25	ND		
Aroclor-1268	1	ug/l	0.25	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	50.12	100	39	132	50	
TCMX-Surrogate	57.37	100	39	132	57	
DCB-Surrogate	73.64	100	39	142	74	
DCB-Surrogate	73.95	100	39	142	74	

Sample ID: FM-GW040
Lab#: AC92025-002
Matrix: Aqueous

Collection Date: 6/23/2016
Receipt Date: 6/24/2016

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	ug/l	300	580		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	76.21	100	40	140	76	
1-Chlorooctadecane	67.77	100	40	140	68	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	ug/l	0.25	ND		
Aroclor-1016	1	ug/l	0.25	ND		
Aroclor-1221	1	ug/l	0.25	ND		
Aroclor-1232	1	ug/l	0.25	ND		
Aroclor-1242	1	ug/l	0.25	ND		
Aroclor-1248	1	ug/l	0.25	ND		
Aroclor-1254	1	ug/l	0.25	ND		
Aroclor-1260	1	ug/l	0.25	ND		
Aroclor-1262	1	ug/l	0.25	ND		
Aroclor-1268	1	ug/l	0.25	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	66.15	100	39	132	66	
TCMX-Surrogate	67.22	100	39	132	67	
DCB-Surrogate	68.36	100	39	142	68	
DCB-Surrogate	70.03	100	39	142	70	

Sample ID: FM-GW040-MS
 Lab#: AC92025-003
 Matrix: Aqueous

Collection Date: 6/23/2016
 Receipt Date: 6/24/2016

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	ug/l	300	3600		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	90.15	100	40	140	90	
1-Chlorooctadecane	81.51	100	40	140	82	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	ug/l	0.25	8.7		
Aroclor-1016	1	ug/l	0.25	4.2		
Aroclor-1221	1	ug/l	0.25	ND		
Aroclor-1232	1	ug/l	0.25	ND		
Aroclor-1242	1	ug/l	0.25	ND		
Aroclor-1248	1	ug/l	0.25	ND		
Aroclor-1254	1	ug/l	0.25	ND		
Aroclor-1260	1	ug/l	0.25	4.5		
Aroclor-1262	1	ug/l	0.25	ND		
Aroclor-1268	1	ug/l	0.25	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	74.33	100	39	132	74	
TCMX-Surrogate	74.57	100	39	132	75	
DCB-Surrogate	71.87	100	39	142	72	
DCB-Surrogate	74.59	100	39	142	75	

Sample ID: FM-GW040-MSD

Lab#: AC92025-004

Matrix: Aqueous

Collection Date: 6/23/2016

Receipt Date: 6/24/2016

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	ug/l	300	4200		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	98.78	100	40	140	99	
1-Chlorooctadecane	86.32	100	40	140	86	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	ug/l	0.25	9.5		
Aroclor-1016	1	ug/l	0.25	4.5		
Aroclor-1221	1	ug/l	0.25	ND		
Aroclor-1232	1	ug/l	0.25	ND		
Aroclor-1242	1	ug/l	0.25	ND		
Aroclor-1248	1	ug/l	0.25	ND		
Aroclor-1254	1	ug/l	0.25	ND		
Aroclor-1260	1	ug/l	0.25	5.0		
Aroclor-1262	1	ug/l	0.25	ND		
Aroclor-1268	1	ug/l	0.25	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	78.20	100	39	132	78	
TCMX-Surrogate	78.40	100	39	132	78	
DCB-Surrogate	67.36	100	39	142	67	
DCB-Surrogate	69.74	100	39	142	70	

Sample ID: FM-GW041
 Lab#: AC92025-005
 Matrix: Aqueous

Collection Date: 6/23/2016
 Receipt Date: 6/24/2016

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	ug/l	300	450		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	69.29	100	40	140	69	
1-Chlorooctadecane	64.76	100	40	140	65	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	ug/l	0.25	1.4		
Aroclor-1016	1	ug/l	0.25	ND		
Aroclor-1221	1	ug/l	0.25	ND		
Aroclor-1232	1	ug/l	0.25	ND		
Aroclor-1242	1	ug/l	0.25	ND		
Aroclor-1248	1	ug/l	0.25	ND		
Aroclor-1254	1	ug/l	0.25	ND		
Aroclor-1260	1	ug/l	0.25	1.4		
Aroclor-1262	1	ug/l	0.25	ND		
Aroclor-1268	1	ug/l	0.25	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	65.85	100	39	132	66	
TCMX-Surrogate	65.75	100	39	132	66	
DCB-Surrogate	65.16	100	39	142	65	
DCB-Surrogate	64.88	100	39	142	65	

Sample ID: FM-GW041-FD
 Lab#: AC92025-006
 Matrix: Aqueous

Collection Date: 6/23/2016
 Receipt Date: 6/24/2016

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	ug/l	300	480		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	62.44	100	40	140	62	
1-Chlorooctadecane	54.38	100	40	140	54	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	ug/l	0.25	0.94		
Aroclor-1016	1	ug/l	0.25	ND		
Aroclor-1221	1	ug/l	0.25	ND		
Aroclor-1232	1	ug/l	0.25	ND		
Aroclor-1242	1	ug/l	0.25	ND		
Aroclor-1248	1	ug/l	0.25	ND		
Aroclor-1254	1	ug/l	0.25	ND		
Aroclor-1260	1	ug/l	0.25	0.94		
Aroclor-1262	1	ug/l	0.25	ND		
Aroclor-1268	1	ug/l	0.25	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	58.34	100	39	132	58	
TCMX-Surrogate	57.35	100	39	132	57	
DCB-Surrogate	62.54	100	39	142	63	
DCB-Surrogate	63.69	100	39	142	64	

Sample ID: FM-GW042
 Lab#: AC92025-007
 Matrix: Aqueous

Collection Date: 6/23/2016
 Receipt Date: 6/24/2016

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	ug/l	300	330		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	75.33	100	40	140	75	
1-Chlorooctadecane	68.18	100	40	140	68	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	ug/l	0.25	ND		
Aroclor-1016	1	ug/l	0.25	ND		
Aroclor-1221	1	ug/l	0.25	ND		
Aroclor-1232	1	ug/l	0.25	ND		
Aroclor-1242	1	ug/l	0.25	ND		
Aroclor-1248	1	ug/l	0.25	ND		
Aroclor-1254	1	ug/l	0.25	ND		
Aroclor-1260	1	ug/l	0.25	ND		
Aroclor-1262	1	ug/l	0.25	ND		
Aroclor-1268	1	ug/l	0.25	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	53.56	100	39	132	54	
TCMX-Surrogate	53.74	100	39	132	54	
DCB-Surrogate	61.54	100	39	142	62	
DCB-Surrogate	61.69	100	39	142	62	

Sample ID: FM-GW043
 Lab#: AC92025-008
 Matrix: Aqueous

Collection Date: 6/23/2016
 Receipt Date: 6/24/2016

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	ug/l	300	430		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	55.04	100	40	140	55	
1-Chlorooctadecane	50.05	100	40	140	50	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	ug/l	0.25	2.0		
Aroclor-1016	1	ug/l	0.25	ND		
Aroclor-1221	1	ug/l	0.25	ND		
Aroclor-1232	1	ug/l	0.25	ND		
Aroclor-1242	1	ug/l	0.25	ND		
Aroclor-1248	1	ug/l	0.25	ND		
Aroclor-1254	1	ug/l	0.25	ND		
Aroclor-1260	1	ug/l	0.25	2.0		
Aroclor-1262	1	ug/l	0.25	ND		
Aroclor-1268	1	ug/l	0.25	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	61.78	100	39	132	62	
TCMX-Surrogate	61.20	100	39	132	61	
DCB-Surrogate	65.12	100	39	142	65	
DCB-Surrogate	65.70	100	39	142	66	

Sample ID: FM-GW048
 Lab#: AC92025-009
 Matrix: Aqueous

Collection Date: 6/23/2016
 Receipt Date: 6/24/2016

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	ug/l	300	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	85.00	100	40	140	85	
1-Chlorooctadecane	79.66	100	40	140	80	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	ug/l	0.25	ND		
Aroclor-1016	1	ug/l	0.25	ND		
Aroclor-1221	1	ug/l	0.25	ND		
Aroclor-1232	1	ug/l	0.25	ND		
Aroclor-1242	1	ug/l	0.25	ND		
Aroclor-1248	1	ug/l	0.25	ND		
Aroclor-1254	1	ug/l	0.25	ND		
Aroclor-1260	1	ug/l	0.25	ND		
Aroclor-1262	1	ug/l	0.25	ND		
Aroclor-1268	1	ug/l	0.25	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	57.12	100	39	132	57	
TCMX-Surrogate	57.61	100	39	132	58	
DCB-Surrogate	59.77	100	39	142	60	
DCB-Surrogate	60.24	100	39	142	60	

Sample ID: FM-GW055
 Lab#: AC92025-010
 Matrix: Aqueous

Collection Date: 6/23/2016
 Receipt Date: 6/24/2016

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	ug/l	310	370		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	67.83	100	40	140	68	
1-Chlorooctadecane	63.12	100	40	140	63	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	ug/l	0.25	ND		
Aroclor-1016	1	ug/l	0.25	ND		
Aroclor-1221	1	ug/l	0.25	ND		
Aroclor-1232	1	ug/l	0.25	ND		
Aroclor-1242	1	ug/l	0.25	ND		
Aroclor-1248	1	ug/l	0.25	ND		
Aroclor-1254	1	ug/l	0.25	ND		
Aroclor-1260	1	ug/l	0.25	ND		
Aroclor-1262	1	ug/l	0.25	ND		
Aroclor-1268	1	ug/l	0.25	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	58.06	100	39	132	58	
TCMX-Surrogate	59.07	100	39	132	59	
DCB-Surrogate	60.62	100	39	142	61	
DCB-Surrogate	60.99	100	39	142	61	

Sample ID: FM-GW057
 Lab#: AC92025-011
 Matrix: Aqueous

Collection Date: 6/23/2016
 Receipt Date: 6/24/2016

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	ug/l	300	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	93.27	100	40	140	93	
1-Chlorooctadecane	93.91	100	40	140	94	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	ug/l	0.25	ND		
Aroclor-1016	1	ug/l	0.25	ND		
Aroclor-1221	1	ug/l	0.25	ND		
Aroclor-1232	1	ug/l	0.25	ND		
Aroclor-1242	1	ug/l	0.25	ND		
Aroclor-1248	1	ug/l	0.25	ND		
Aroclor-1254	1	ug/l	0.25	ND		
Aroclor-1260	1	ug/l	0.25	ND		
Aroclor-1262	1	ug/l	0.25	ND		
Aroclor-1268	1	ug/l	0.25	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	64.94	100	39	132	65	
TCMX-Surrogate	68.64	100	39	132	69	
DCB-Surrogate	75.54	100	39	142	76	
DCB-Surrogate	76.33	100	39	142	76	

Sample ID: FM-GW033
 Lab#: AC92025-012
 Matrix: Aqueous

Collection Date: 6/23/2016
 Receipt Date: 6/24/2016

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	ug/l	300	620		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	123.06	100	40	140	123	
1-Chlorooctadecane	114.80	100	40	140	115	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	ug/l	0.25	5.5		
Aroclor-1016	1	ug/l	0.25	ND		
Aroclor-1221	1	ug/l	0.25	ND		
Aroclor-1232	1	ug/l	0.25	ND		
Aroclor-1242	1	ug/l	0.25	ND		
Aroclor-1248	1	ug/l	0.25	ND		
Aroclor-1254	1	ug/l	0.25	ND		
Aroclor-1260	1	ug/l	0.25	5.5		
Aroclor-1262	1	ug/l	0.25	ND		
Aroclor-1268	1	ug/l	0.25	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	64.87	100	39	132	65	
TCMX-Surrogate	65.64	100	39	132	66	
DCB-Surrogate	65.09	100	39	142	65	
DCB-Surrogate	65.39	100	39	142	65	

Sample ID: FM-GW042-FD
 Lab#: AC92025-013
 Matrix: Aqueous

Collection Date: 6/23/2016
 Receipt Date: 6/24/2016

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	ug/l	300	300		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	71.93	100	40	140	72	
1-Chlorooctadecane	58.93	100	40	140	59	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	ug/l	0.25	ND		
Aroclor-1016	1	ug/l	0.25	ND		
Aroclor-1221	1	ug/l	0.25	ND		
Aroclor-1232	1	ug/l	0.25	ND		
Aroclor-1242	1	ug/l	0.25	ND		
Aroclor-1248	1	ug/l	0.25	ND		
Aroclor-1254	1	ug/l	0.25	ND		
Aroclor-1260	1	ug/l	0.25	ND		
Aroclor-1262	1	ug/l	0.25	ND		
Aroclor-1268	1	ug/l	0.25	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	66.93	100	39	132	67	
TCMX-Surrogate	69.17	100	39	132	69	
DCB-Surrogate	71.50	100	39	142	72	
DCB-Surrogate	72.05	100	39	142	72	

Hampton-Clarke, Inc. (WBE/DBE/SBE) 175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004 Ph: 800-426-8992 973-244-9770 Fax: 973-244-9787 973-439-1458 Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054 Ph (Service Center): 856-780-6057 Fax: 856-780-6056			HC CHAIN OF CUSTODY RECORD Hampton-Clarke WBE/DBE/SBE 800-426-8992 A Woman-Owned, Minority-Owned, Small Business Enterprise			Project# (Lab Use Only) 6062422		Page _____ of _____																																																																																																																																																																																																																																																																								
NELAC/NJ #07071 PA #68-00463 NY #11408 CT #PH-0671 KY #80124 DE HSCA Approved			3) Reporting Requirements (Please Circle)																																																																																																																																																																																																																																																																													
Customer Information 1a) Customer: Tetra Tech Address: 1093 Commerce Park Dr. Ste 100 Oak Ridge, TN 37830 1b) Email/Cell/Fax/Ph: Rob 407.448.9553 Maureen 865.220.4782 1c) Send Invoice to: Maureen McMyler 1d) Send Report to: Maureen McMyler			Project Information 2a) Project: Fort Monmouth Parcel 97 (Bldg 978) 2b) Project Mgr: Mike Spangberg 2c) Project Location (City/State): Ft Monmouth NJ 2d) Quote/PO # (If Applicable): 4817			Turnaround When Available: 1 Business Day (100%) * 2 Business Days (75%) * 3 Business Days (50%) * 4 Business Days (35%) * 5 Business Days (25%) 10 Business Days (Stand.) Other: Standard		Report Type Data Summary Results + QC (Waste) NJ Reduced NY Reduced PA Reduced Full / Category B Category A Electronic (PDF)		Electronic Deliv. Hazsite/CSV EnviroData Excel - NJ Regulatory Excel - NY Regulatory Excel - PA Regulatory EQulS (specify below): 4-File/EZ/NYS/Reg. 2 or 5 Other: _____																																																																																																																																																																																																																																																																						
* Expedited TAT Not Always Available. Please Check with Lab.																																																																																																																																																																																																																																																																																
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7) Analysis (specify methods & parameter lists)																																																																																																																																																																																																																																																																																
Matrix Codes DW - Drinking Water S - Soil A - Air GW - Ground Water SL - Sludge WW - Waste Water OL - Oil OT - Other (please specify under item 9, Comments)																																																																																																																																																																																																																																																																																
Sample Type Composite (C) Grab (G)																																																																																																																																																																																																																																																																																
PCB 8082 Std TAT (Run) NJ EPH Cat 2 Std TAT (Run) PAH 8270 (Run)																																																																																																																																																																																																																																																																																
# of Bottles None MeOH Et Core NaOH HCl H2SO4 HNO3 Other																																																																																																																																																																																																																																																																																
9) Comments Location																																																																																																																																																																																																																																																																																
<table><thead><tr><th>Lab Sample #</th><th>Customer Sample ID</th><th>Matrix</th><th>Date</th><th>Time</th><th>Composite (C)</th><th>Grab (G)</th><th>PCB 8082 Std TAT (Run)</th><th>NJ EPH Cat 2 Std TAT (Run)</th><th>PAH 8270 (Run)</th><th>None</th><th>MeOH</th><th>Et</th><th>Core</th><th>NaOH</th><th>HCl</th><th>H2SO4</th><th>HNO3</th><th>Other</th><th>9) Comments</th><th>Location</th></tr></thead><tbody><tr><td>001</td><td>FM-GW039</td><td>GW</td><td>6/23/2016</td><td>8:50</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td>1</td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td>PS039</td></tr><tr><td>002</td><td>FM-GW040</td><td>GW</td><td>6/23/2016</td><td>9:38</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td>1</td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td>PS040</td></tr><tr><td>003/004</td><td>FM-GW040-MS/MSD</td><td>GW</td><td>6/23/2016</td><td>9:38</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td>2</td><td></td><td></td><td></td><td></td><td>2</td><td></td><td></td><td></td><td></td><td>MS/MSD</td><td>PS040</td></tr><tr><td>005</td><td>FM-GW041</td><td>GW</td><td>6/23/2016</td><td>11:18</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td>1</td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td>PS041</td></tr><tr><td>006</td><td>FM-GW041-FD</td><td>GW</td><td>6/23/2016</td><td>11:18</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td>1</td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td>PS041</td></tr><tr><td>007</td><td>FM-GW042</td><td>GW</td><td>6/23/2016</td><td>13:10</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td>1</td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td>PS042</td></tr><tr><td>008</td><td>FM-GW043</td><td>GW</td><td>6/23/2016</td><td>13:10</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td>1</td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td>PS043</td></tr><tr><td>009</td><td>FM-GW048</td><td>GW</td><td>6/23/2016</td><td>13:25</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td>1</td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td>PS048</td></tr><tr><td>010</td><td>FM-GW055</td><td>GW</td><td>6/23/2016</td><td>14:30</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td>1</td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td>PS055</td></tr><tr><td>011</td><td>FM-GW057</td><td>GW</td><td>6/23/2016</td><td>14:00</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td>1</td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td>PS057</td></tr><tr><td>012</td><td>FM-GW033</td><td>GW</td><td>6/23/2016</td><td>13:40</td><td></td><td>X</td><td>X</td><td>X</td><td></td><td>1</td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td>SW033</td></tr></tbody></table>										Lab Sample #	Customer Sample ID	Matrix	Date	Time	Composite (C)	Grab (G)	PCB 8082 Std TAT (Run)	NJ EPH Cat 2 Std TAT (Run)	PAH 8270 (Run)	None	MeOH	Et	Core	NaOH	HCl	H2SO4	HNO3	Other	9) Comments	Location	001	FM-GW039	GW	6/23/2016	8:50		X	X	X		1					1						PS039	002	FM-GW040	GW	6/23/2016	9:38		X	X	X		1					1						PS040	003/004	FM-GW040-MS/MSD	GW	6/23/2016	9:38		X	X	X		2					2					MS/MSD	PS040	005	FM-GW041	GW	6/23/2016	11:18		X	X	X		1					1						PS041	006	FM-GW041-FD	GW	6/23/2016	11:18		X	X	X		1					1						PS041	007	FM-GW042	GW	6/23/2016	13:10		X	X	X		1					1						PS042	008	FM-GW043	GW	6/23/2016	13:10		X	X	X		1					1						PS043	009	FM-GW048	GW	6/23/2016	13:25		X	X	X		1					1						PS048	010	FM-GW055	GW	6/23/2016	14:30		X	X	X		1					1						PS055	011	FM-GW057	GW	6/23/2016	14:00		X	X	X		1					1						PS057	012	FM-GW033	GW	6/23/2016	13:40		X	X	X		1					1						SW033
Lab Sample #	Customer Sample ID	Matrix	Date	Time	Composite (C)	Grab (G)	PCB 8082 Std TAT (Run)	NJ EPH Cat 2 Std TAT (Run)	PAH 8270 (Run)	None	MeOH	Et	Core	NaOH	HCl	H2SO4	HNO3	Other	9) Comments	Location																																																																																																																																																																																																																																																												
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Additional Notes Minimum sample volumes collected due to low purge volumes										Comments, Notes, Special Requirements, HAZARDS Indicate if low-level methods required to meet current parameter standards (SPLP for soil): ☐ BN or BNA (8270D SIM) ☐ VOC (8260C SIM or 8011) ☐ SPLP (BN, BNA, Metals) Check if applicable: ☐ Project-Specific Reporting Limits ☐ High Contaminant Concentrations ☐ NJ LSRP Project (also check boxes above/right) 11) Sampler (print name): _____ Date: _____ For NJ LSRP projects, indicate which standards need to be met: ☐ NJDEP GWQS ☐ NJDEP SRS ☐ NJDEP SPLP ☐ Other (specify): _____ Cooler Temperature _____ Cooler Temperature _____ 2.4, 3.0,																																																																																																																																																																																																																																																																						

Hampton-Clarke Report Of Analysis

Client: Tetra Tech Inc.

HC Project #: 6062423

Project: Fort Monmouth Parcel 97

Sample ID: FM-SO044-02

Collection Date: 6/24/2016

Lab#: AC92026-001

Receipt Date: 6/24/2016

Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		85

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	71	190		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	97.44	100	40	140	97	
1-Chlorooctadecane	92.47	100	40	140	92	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	ND		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	ND		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	96.36	100	37	141	96	
TCMX-Surrogate	101.37	100	37	141	101	
DCB-Surrogate	99.96	100	34	146	100	
DCB-Surrogate	101.52	100	34	146	102	

Sample ID: FM-SO044-02-FD

Lab#: AC92026-002

Matrix: Soil

Collection Date: 6/24/2016

Receipt Date: 6/24/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		85

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	71	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	85.32	100	40	140	85	
1-Chlorooctadecane	82.56	100	40	140	83	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	ND		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	ND		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	88.56	100	37	141	89	
TCMX-Surrogate	93.95	100	37	141	94	
DCB-Surrogate	107.82	100	34	146	108	
DCB-Surrogate	94.33	100	34	146	94	

Sample ID: FM-SO044-03
 Lab#: AC92026-003
 Matrix: Soil

Collection Date: 6/24/2016
 Receipt Date: 6/24/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		86

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	70	400		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	88.47	100	40	140	88	
1-Chlorooctadecane	84.31	100	40	140	84	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	ND		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	ND		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	96.71	100	37	141	97	
TCMX-Surrogate	98.97	100	37	141	99	
DCB-Surrogate	111.86	100	34	146	112	
DCB-Surrogate	97.14	100	34	146	97	

Sample ID: FM-SO044-04
 Lab#: AC92026-004
 Matrix: Soil

Collection Date: 6/24/2016
 Receipt Date: 6/24/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		86

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	70	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	82.79	100	40	140	83	
1-Chlorooctadecane	81.30	100	40	140	81	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	ND		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	ND		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	93.47	100	37	141	93	
TCMX-Surrogate	100.22	100	37	141	100	
DCB-Surrogate	100.16	100	34	146	100	
DCB-Surrogate	100.93	100	34	146	101	

Sample ID: FM-SO044-05
 Lab#: AC92026-005
 Matrix: Soil

Collection Date: 6/24/2016
 Receipt Date: 6/24/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		87

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	69	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	66.31	100	40	140	66	
1-Chlorooctadecane	65.38	100	40	140	65	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	ND		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	ND		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	89.99	100	37	141	90	
TCMX-Surrogate	94.88	100	37	141	95	
DCB-Surrogate	95.89	100	34	146	96	
DCB-Surrogate	95.02	100	34	146	95	

Sample ID: FM-SO045-02
 Lab#: AC92026-006
 Matrix: Soil

Collection Date: 6/24/2016
 Receipt Date: 6/24/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		89

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	67	72		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	77.62	100	40	140	78	
1-Chlorooctadecane	75.96	100	40	140	76	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.028	ND		
Aroclor-1016	1	mg/kg	0.028	ND		
Aroclor-1221	1	mg/kg	0.028	ND		
Aroclor-1232	1	mg/kg	0.028	ND		
Aroclor-1242	1	mg/kg	0.028	ND		
Aroclor-1248	1	mg/kg	0.028	ND		
Aroclor-1254	1	mg/kg	0.028	ND		
Aroclor-1260	1	mg/kg	0.028	ND		
Aroclor-1262	1	mg/kg	0.028	ND		
Aroclor-1268	1	mg/kg	0.028	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	85.59	100	37	141	86	
TCMX-Surrogate	89.50	100	37	141	90	
DCB-Surrogate	85.98	100	34	146	86	
DCB-Surrogate	88.14	100	34	146	88	

Sample ID: FM-SO045-03

Lab#: AC92026-007

Matrix: Soil

Collection Date: 6/24/2016

Receipt Date: 6/24/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		88

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	68	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	67.92	100	40	140	68	
1-Chlorooctadecane	64.26	100	40	140	64	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.028	ND		
Aroclor-1016	1	mg/kg	0.028	ND		
Aroclor-1221	1	mg/kg	0.028	ND		
Aroclor-1232	1	mg/kg	0.028	ND		
Aroclor-1242	1	mg/kg	0.028	ND		
Aroclor-1248	1	mg/kg	0.028	ND		
Aroclor-1254	1	mg/kg	0.028	ND		
Aroclor-1260	1	mg/kg	0.028	ND		
Aroclor-1262	1	mg/kg	0.028	ND		
Aroclor-1268	1	mg/kg	0.028	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	94.54	100	37	141	95	
TCMX-Surrogate	99.03	100	37	141	99	
DCB-Surrogate	98.50	100	34	146	98	
DCB-Surrogate	99.80	100	34	146	100	

Sample ID: FM-SO045-04
 Lab#: AC92026-008
 Matrix: Soil

Collection Date: 6/24/2016
 Receipt Date: 6/24/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		93

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	65	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	81.70	100	40	140	82	
1-Chlorooctadecane	78.12	100	40	140	78	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.027	ND		
Aroclor-1016	1	mg/kg	0.027	ND		
Aroclor-1221	1	mg/kg	0.027	ND		
Aroclor-1232	1	mg/kg	0.027	ND		
Aroclor-1242	1	mg/kg	0.027	ND		
Aroclor-1248	1	mg/kg	0.027	ND		
Aroclor-1254	1	mg/kg	0.027	ND		
Aroclor-1260	1	mg/kg	0.027	ND		
Aroclor-1262	1	mg/kg	0.027	ND		
Aroclor-1268	1	mg/kg	0.027	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	93.16	100	37	141	93	
TCMX-Surrogate	100.16	100	37	141	100	
DCB-Surrogate	99.62	100	34	146	100	
DCB-Surrogate	99.21	100	34	146	99	

Sample ID: FM-SO045-05
 Lab#: AC92026-009
 Matrix: Soil

Collection Date: 6/24/2016
 Receipt Date: 6/24/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		84

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	71	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	78.77	100	40	140	79	
1-Chlorooctadecane	74.54	100	40	140	75	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.030	ND		
Aroclor-1016	1	mg/kg	0.030	ND		
Aroclor-1221	1	mg/kg	0.030	ND		
Aroclor-1232	1	mg/kg	0.030	ND		
Aroclor-1242	1	mg/kg	0.030	ND		
Aroclor-1248	1	mg/kg	0.030	ND		
Aroclor-1254	1	mg/kg	0.030	ND		
Aroclor-1260	1	mg/kg	0.030	ND		
Aroclor-1262	1	mg/kg	0.030	ND		
Aroclor-1268	1	mg/kg	0.030	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	97.82	100	37	141	98	
TCMX-Surrogate	105.25	100	37	141	105	
DCB-Surrogate	102.87	100	34	146	103	
DCB-Surrogate	104.96	100	34	146	105	

Sample ID: FM-SO048-02
 Lab#: AC92026-010
 Matrix: Soil

Collection Date: 6/24/2016
 Receipt Date: 6/24/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		85

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	71	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	79.22	100	40	140	79	
1-Chlorooctadecane	77.16	100	40	140	77	

PAH Compounds 8270

Analyte	DF	Units	RL	Result		
2-Methylnaphthalene	1	mg/kg	0.039	ND		
Acenaphthene	1	mg/kg	0.039	ND		
Acenaphthylene	1	mg/kg	0.039	ND		
Anthracene	1	mg/kg	0.039	ND		
Benzo[a]anthracene	1	mg/kg	0.039	0.056		
Benzo[a]pyrene	1	mg/kg	0.039	0.053		
Benzo[b]fluoranthene	1	mg/kg	0.039	0.079		
Benzo[g,h,i]perylene	1	mg/kg	0.039	0.042		
Benzo[k]fluoranthene	1	mg/kg	0.039	ND		
Chrysene	1	mg/kg	0.039	0.067		
Dibenzo[a,h]anthracene	1	mg/kg	0.039	ND		
Fluoranthene	1	mg/kg	0.039	0.10		
Fluorene	1	mg/kg	0.039	ND		
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.039	ND		
Naphthalene	1	mg/kg	0.0098	ND		
Phenanthrene	1	mg/kg	0.039	0.056		
Pyrene	1	mg/kg	0.039	0.12		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	38.21	50	58	148	76	
Phenol-d5	63.33	100	49	129	63	
Nitrobenzene-d5	30.01	50	52	129	60	
2-Fluorophenol	64.07	100	43	128	64	
2-Fluorobiphenyl	31.99	50	58	125	64	
2,4,6-Tribromophenol	76.44	100	54	145	76	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	0.32		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	0.32		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	87.27	100	37	141	87	
TCMX-Surrogate	90.65	100	37	141	91	
DCB-Surrogate	92.59	100	34	146	93	
DCB-Surrogate	92.97	100	34	146	93	

Sample ID: FM-SO048-03
 Lab#: AC92026-011
 Matrix: Soil

Collection Date: 6/24/2016
 Receipt Date: 6/24/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		86

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	70	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	68.21	100	40	140	68	
1-Chlorooctadecane	66.87	100	40	140	67	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	0.050		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	0.050		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	83.81	100	37	141	84	
TCMX-Surrogate	88.64	100	37	141	89	
DCB-Surrogate	89.34	100	34	146	89	
DCB-Surrogate	87.56	100	34	146	88	

Sample ID: FM-SO048-04
 Lab#: AC92026-012
 Matrix: Soil

Collection Date: 6/24/2016
 Receipt Date: 6/24/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		77

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	78	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	59.64	100	40	140	60	
1-Chlorooctadecane	58.93	100	40	140	59	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.032	0.055		
Aroclor-1016	1	mg/kg	0.032	ND		
Aroclor-1221	1	mg/kg	0.032	ND		
Aroclor-1232	1	mg/kg	0.032	ND		
Aroclor-1242	1	mg/kg	0.032	ND		
Aroclor-1248	1	mg/kg	0.032	ND		
Aroclor-1254	1	mg/kg	0.032	ND		
Aroclor-1260	1	mg/kg	0.032	0.055		
Aroclor-1262	1	mg/kg	0.032	ND		
Aroclor-1268	1	mg/kg	0.032	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	92.18	100	37	141	92	
TCMX-Surrogate	98.24	100	37	141	98	
DCB-Surrogate	98.48	100	34	146	98	
DCB-Surrogate	98.72	100	34	146	99	

Sample ID: FM-SO048-04-FD

Lab#: AC92026-013

Matrix: Soil

Collection Date: 6/24/2016

Receipt Date: 6/24/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		80

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	75	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	78.95	100	40	140	79	
1-Chlorooctadecane	75.61	100	40	140	76	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.031	0.053		
Aroclor-1016	1	mg/kg	0.031	ND		
Aroclor-1221	1	mg/kg	0.031	ND		
Aroclor-1232	1	mg/kg	0.031	ND		
Aroclor-1242	1	mg/kg	0.031	ND		
Aroclor-1248	1	mg/kg	0.031	ND		
Aroclor-1254	1	mg/kg	0.031	ND		
Aroclor-1260	1	mg/kg	0.031	0.053		
Aroclor-1262	1	mg/kg	0.031	ND		
Aroclor-1268	1	mg/kg	0.031	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	86.02	100	37	141	86	
TCMX-Surrogate	91.66	100	37	141	92	
DCB-Surrogate	91.86	100	34	146	92	
DCB-Surrogate	91.89	100	34	146	92	

Sample ID: FM-SO048-05
 Lab#: AC92026-014
 Matrix: Soil

Collection Date: 6/24/2016
 Receipt Date: 6/24/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		77

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	78	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	72.24	100	40	140	72	
1-Chlorooctadecane	71.57	100	40	140	72	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.032	ND		
Aroclor-1016	1	mg/kg	0.032	ND		
Aroclor-1221	1	mg/kg	0.032	ND		
Aroclor-1232	1	mg/kg	0.032	ND		
Aroclor-1242	1	mg/kg	0.032	ND		
Aroclor-1248	1	mg/kg	0.032	ND		
Aroclor-1254	1	mg/kg	0.032	ND		
Aroclor-1260	1	mg/kg	0.032	ND		
Aroclor-1262	1	mg/kg	0.032	ND		
Aroclor-1268	1	mg/kg	0.032	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	96.18	100	37	141	96	
TCMX-Surrogate	100.73	100	37	141	101	
DCB-Surrogate	101.73	100	34	146	102	
DCB-Surrogate	101.93	100	34	146	102	

Sample ID: FM-SO056-03
 Lab#: AC92026-015
 Matrix: Soil

Collection Date: 6/24/2016
 Receipt Date: 6/24/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		77

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	78	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	51.91	100	40	140	52	
1-Chlorooctadecane	51.01	100	40	140	51	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.032	ND		
Aroclor-1016	1	mg/kg	0.032	ND		
Aroclor-1221	1	mg/kg	0.032	ND		
Aroclor-1232	1	mg/kg	0.032	ND		
Aroclor-1242	1	mg/kg	0.032	ND		
Aroclor-1248	1	mg/kg	0.032	ND		
Aroclor-1254	1	mg/kg	0.032	ND		
Aroclor-1260	1	mg/kg	0.032	ND		
Aroclor-1262	1	mg/kg	0.032	ND		
Aroclor-1268	1	mg/kg	0.032	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	87.33	100	37	141	87	
TCMX-Surrogate	91.37	100	37	141	91	
DCB-Surrogate	90.48	100	34	146	90	
DCB-Surrogate	92.74	100	34	146	93	

Sample ID: FM-SO056-03-FD

Lab#: AC92026-016

Matrix: Soil

Collection Date: 6/24/2016

Receipt Date: 6/24/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		78

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	77	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	78.60	100	40	140	79	
1-Chlorooctadecane	76.57	100	40	140	77	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.032	ND		
Aroclor-1016	1	mg/kg	0.032	ND		
Aroclor-1221	1	mg/kg	0.032	ND		
Aroclor-1232	1	mg/kg	0.032	ND		
Aroclor-1242	1	mg/kg	0.032	ND		
Aroclor-1248	1	mg/kg	0.032	ND		
Aroclor-1254	1	mg/kg	0.032	ND		
Aroclor-1260	1	mg/kg	0.032	ND		
Aroclor-1262	1	mg/kg	0.032	ND		
Aroclor-1268	1	mg/kg	0.032	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	90.83	100	37	141	91	
TCMX-Surrogate	97.36	100	37	141	97	
DCB-Surrogate	106.49	100	34	146	106	
DCB-Surrogate	97.99	100	34	146	98	

Sample ID: FM-SO057-02

Lab#: AC92026-017

Matrix: Soil

Collection Date: 6/24/2016

Receipt Date: 6/24/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		86

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	70	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	82.30	100	40	140	82	
1-Chlorooctadecane	80.82	100	40	140	81	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	ND		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	ND		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	101.32	100	37	141	101	
TCMX-Surrogate	108.27	100	37	141	108	
DCB-Surrogate	109.46	100	34	146	109	
DCB-Surrogate	108.49	100	34	146	108	

Sample ID: FM-SO057-03
 Lab#: AC92026-018
 Matrix: Soil

Collection Date: 6/24/2016
 Receipt Date: 6/24/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		85

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	71	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	77.22	100	40	140	77	
1-Chlorooctadecane	72.39	100	40	140	72	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	ND		
Aroclor-1016	1	mg/kg	0.029	ND		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	ND		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	97.58	100	37	141	98	
TCMX-Surrogate	103.41	100	37	141	103	
DCB-Surrogate	100.40	100	34	146	100	
DCB-Surrogate	101.37	100	34	146	101	

Sample ID: FM-SO057-03 MS

Lab#: AC92026-019

Matrix: Soil

Collection Date: 6/24/2016

Receipt Date: 6/24/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		86

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	70	280		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	72.97	100	40	140	73	
1-Chlorooctadecane	68.80	100	40	140	69	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	1.1		
Aroclor-1016	1	mg/kg	0.029	0.55		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	0.56		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	95.29	100	37	141	95	
TCMX-Surrogate	98.75	100	37	141	99	
DCB-Surrogate	98.74	100	34	146	99	
DCB-Surrogate	99.30	100	34	146	99	

Sample ID: FM-SO057-03 MSD

Lab#: AC92026-020

Matrix: Soil

Collection Date: 6/24/2016

Receipt Date: 6/24/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		86

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	70	230		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	63.76	100	40	140	64	
1-Chlorooctadecane	60.38	100	40	140	60	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.029	1.2		
Aroclor-1016	1	mg/kg	0.029	0.61		
Aroclor-1221	1	mg/kg	0.029	ND		
Aroclor-1232	1	mg/kg	0.029	ND		
Aroclor-1242	1	mg/kg	0.029	ND		
Aroclor-1248	1	mg/kg	0.029	ND		
Aroclor-1254	1	mg/kg	0.029	ND		
Aroclor-1260	1	mg/kg	0.029	0.60		
Aroclor-1262	1	mg/kg	0.029	ND		
Aroclor-1268	1	mg/kg	0.029	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	101.25	100	37	141	101	
TCMX-Surrogate	105.78	100	37	141	106	
DCB-Surrogate	107.16	100	34	146	107	
DCB-Surrogate	107.59	100	34	146	108	

Sample ID: FM-SO057-04
 Lab#: AC92026-021
 Matrix: Soil

Collection Date: 6/24/2016
 Receipt Date: 6/24/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		84

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	71	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	84.78	100	40	140	85	
1-Chlorooctadecane	79.78	100	40	140	80	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.030	ND		
Aroclor-1016	1	mg/kg	0.030	ND		
Aroclor-1221	1	mg/kg	0.030	ND		
Aroclor-1232	1	mg/kg	0.030	ND		
Aroclor-1242	1	mg/kg	0.030	ND		
Aroclor-1248	1	mg/kg	0.030	ND		
Aroclor-1254	1	mg/kg	0.030	ND		
Aroclor-1260	1	mg/kg	0.030	ND		
Aroclor-1262	1	mg/kg	0.030	ND		
Aroclor-1268	1	mg/kg	0.030	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	87.77	100	37	141	88	
TCMX-Surrogate	93.90	100	37	141	94	
DCB-Surrogate	94.13	100	34	146	94	
DCB-Surrogate	94.21	100	34	146	94	

Sample ID: FM-SO057-05
 Lab#: AC92026-022
 Matrix: Soil

Collection Date: 6/24/2016
 Receipt Date: 6/24/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		82

NJ EPH Category 2

Analyte	DF	Units	RL	Result		
C9-C40	1	mg/kg	73	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
O-Terphenyl	83.62	100	40	140	84	
1-Chlorooctadecane	80.33	100	40	140	80	

PCB 8082

Analyte	DF	Units	RL	Result		
Aroclor (Total)	1	mg/kg	0.030	ND		
Aroclor-1016	1	mg/kg	0.030	ND		
Aroclor-1221	1	mg/kg	0.030	ND		
Aroclor-1232	1	mg/kg	0.030	ND		
Aroclor-1242	1	mg/kg	0.030	ND		
Aroclor-1248	1	mg/kg	0.030	ND		
Aroclor-1254	1	mg/kg	0.030	ND		
Aroclor-1260	1	mg/kg	0.030	ND		
Aroclor-1262	1	mg/kg	0.030	ND		
Aroclor-1268	1	mg/kg	0.030	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
TCMX-Surrogate	97.50	100	37	141	98	
TCMX-Surrogate	102.25	100	37	141	102	
DCB-Surrogate	84.66	100	34	146	85	
DCB-Surrogate	90.50	100	34	146	90	

Hampton-Clarke, Inc. (WBE/DBE/SBE) 175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004 Ph: 800-426-9982 973-244-9770 Fax: 973-244-9787 973-439-1458 Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054 Ph (Service Center): 856-780-6057 Fax: 856-780-6056 NELAC/NJ #07071 PA #68-00463 NY #11408 CT #PH-0671 KY #90124 DE HSCA Approved		 CHAIN OF CUSTODY RECORD A Women-Owned, Disadvantaged, Small Business Enterprise		Project# (Lab Use Only) 6062423		Page _____ of _____																										
Customer Information		Project Information		3) Reporting Requirements (Please Circle)																												
1a) Customer: Tetra Tech Address: 1093 Commerce Park Dr. Ste 100 Oak Ridge, TN 37830 1b) Email/Cell/Fax/Ph. Rob 407.448.9553 Maureen 865.220.4762 1c) Send Invoice to: Maureen McMyler 1d) Send Report to: Maureen McMyler		2a) Project: Fort Monmouth Parcel 97 (Bldg 978) 2b) Project Mgr: Mike Spangberg 2c) Project Location (City/State): Ft Monmouth NJ 2d) Quote/PO # (If Applicable): 4817		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:25%;">Turnaround</th> <th style="width:25%;">Report Type</th> <th style="width:50%;">Electronic Deliv.</th> </tr> <tr> <td>When Available:</td> <td>Data Summary</td> <td>Hazsite/CSV</td> </tr> <tr> <td>1 Business Day (100%) *</td> <td>Results + QC (Waste)</td> <td>EnviroData</td> </tr> <tr> <td>2 Business Days (75%) *</td> <td>NJ Reduced</td> <td>Excel - NJ Regulatory</td> </tr> <tr> <td>3 Business Days (50%) *</td> <td>NY Reduced</td> <td>Excel - NY Regulatory</td> </tr> <tr> <td>4 Business Days (35%) *</td> <td>PA Reduced</td> <td>Excel - PA Regulatory</td> </tr> <tr> <td>5 Business Days (25%)</td> <td>Full / Category B</td> <td>EQUIS (<i>specify below</i>):</td> </tr> <tr> <td>10 Business Days (Stand.)</td> <td>Category A</td> <td>4-File/EZ/NYS/Reg. 2 or 5</td> </tr> <tr> <td>Other: ☒ X</td> <td>Electronic (PDF)</td> <td>Other: _____</td> </tr> </table> * Expedited TAT Not Always Available. Please Check with Lab.		Turnaround	Report Type	Electronic Deliv.	When Available:	Data Summary	Hazsite/CSV	1 Business Day (100%) *	Results + QC (Waste)	EnviroData	2 Business Days (75%) *	NJ Reduced	Excel - NJ Regulatory	3 Business Days (50%) *	NY Reduced	Excel - NY Regulatory	4 Business Days (35%) *	PA Reduced	Excel - PA Regulatory	5 Business Days (25%)	Full / Category B	EQUIS (<i>specify below</i>):	10 Business Days (Stand.)	Category A	4-File/EZ/NYS/Reg. 2 or 5	Other: ☒ X	Electronic (PDF)	Other: _____
Turnaround	Report Type	Electronic Deliv.																														
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10 Business Days (Stand.)	Category A	4-File/EZ/NYS/Reg. 2 or 5																														
Other: ☒ X	Electronic (PDF)	Other: _____																														

FOR LAB USE ONLY ↓ Batch #		7) Analysis (specify methods & parameter lists)										8) # of Bottles																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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Ac92026		4) Customer Sample ID		5) Matrix	6) Sample		Composite (C)	Grab (G)	PCB 8082 3-Day TAT (Run)	NJ EPH Cat 2 Std TAT (Run)	PAH 8270 (HOLD)	PCB 8082 (HOLD)	NJ EPH Cat 2 (HOLD)																Other:	Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Hampton-Clarke, Inc. (WBE/DBE/SBE) 175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004 Ph: 800-426-9992 973-244-9770 Fax: 973-244-9787 973-439-1458 Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054 Ph (Service Center): 856-780-6057 Fax: 856-780-6056				 CHAIN OF CUSTODY RECORD A Women-Owned, Disadvantaged, Small Business Enterprise				Project# (Lab Use Only) 6062423		Page _____ of _____	
3) Reporting Requirements (Please Circle)											
				Turnaround		Report Type		Electronic Deliv.			
				When Available:							
				1 Business Day (100%) *		Data Summary		Hazsite/CSV			
				2 Business Days (75%) *		Results + QC (Waste)		EnviroData			
				3 Business Days (50%) *		NJ Reduced		Excel - NJ Regulatory			
				4 Business Days (35%) *		NY Reduced		Excel - NY Regulatory			
				5 Business Days (25%)		PA Reduced		Excel - PA Regulatory			
				10 Business Days (Stand.)		Full / Category B		EQUIS (<i>specify below</i>):			
				Other: ☒ X		Category A		4-File/EZ/NYS/Reg. 2 or 5			
						Electronic (PDF)		Other: _____			
* Expedited TAT Not Always Available. Please Check with Lab.											

Customer Information				Project Information			
1a) Customer: Tetra Tech Address: 1093 Commerce Park Dr. Ste 100 Oak Ridge, TN 37830				2a) Project: Fort Monmouth Parcel 97 (Bldg 978)			
1b) Email/Cell/Fax/Ph: Rob 407.448.9553 Maureen 865.220.4762				2b) Project Mgr: Mike Spangberg			
1c) Send Invoice to: Maureen McMyler				2c) Project Location (City/State): Ft Monmouth NJ			
1d) Send Report to: Maureen McMyler				2d) Quote/PO # (If Applicable): 4817			

FOR LAB USE ↓ Batch #	==> Check If Contingent ==>										7) Analysis (specify methods & parameter lists)										<== Check If Contingent <==																	
	Matrix Codes DW - Drinking Water S - Soil A - Air GW - Ground Water SL - Sludge WW - Waste Water OL - Oil OT - Other (please specify under item 9, Comments)										Sample Type																											
											Composite (C) Grab (G)																											
											PCB 8082 3-Day TAT (Run) NJ EPH Cat 2 Std TAT (Run) PAH 8270 (HOLD) PCB 8082 (HOLD) NJ EPH Cat 2 (HOLD)																											
Lab Sample #	4) Customer Sample ID			5) Matrix	6) Sample Date Time														8) # of Bottles None MeOH En Core NaOH HCl H2SO4 HNO3 Other:										9) Comments									
-018	FM-SO057-03			SO	6/24/2016 9:05		X																															
020-019	FM-SO057-03-MS/MSD			SO	6/24/2016 9:05		X																					MS/MSD										
021-020	FM-SO057-04			SO	6/24/2016 9:05		X																															
022	FM-SO057-05			SO	6/24/2016 9:05		X																															

10) Relinquished by:		Accepted by:		Date	Time	Comments, Notes, Special Requirements, HAZARDS	
				6/24/2016	1025hr	Indicate if low-level methods required to meet current groundwater standards (SPLP for soil): ☐ BN or BNA (8270D SIM) ☐ VOC (8260C SIM or 8011) ☐ SPLP (BN, BNA, Metals) Check if applicable: ☐ Project-Specific Reporting Limits ☐ High Contaminant Concentrations ☐ NJ LSRP Project (also check boxes at ove/right) For NJ LSRP projects, indicate which standards need to be met: ☐ NJDEP GWQS ☐ NJDEP SRS ☐ NJDEP SPLP ☐ Other (specify): Cooler Temperature 3.9°C, 3.0°C	
				6/24/16	1030		
				6/24/16	1620		

Additional Notes

11) Sampler (print name): _____ Date: _____
 Please note NUMERICAL iterations. If not completed your analytical work may be affected.
 A fee of \$5/comp will be assessed for storage should sample be activated for any analysis.

HC Report of Analysis

Client: Tetra Tech Inc.

HC Project #: 6062704

Project: Fort Monmouth Parcel 97

Sample ID: FM-SO051-02

Collection Date: 6/24/2016

Lab#: AC92030-001

Receipt Date: 6/25/2016

Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		87

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	69	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.029	ND
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	ND
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND

Sample ID: FM-SO051-02-FD
 Lab#: AC92030-002
 Matrix: Soil

Collection Date: 6/24/2016

Receipt Date: 6/25/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		87

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	69	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.029	ND
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	ND
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND

Sample ID: FM-SO051-03

Lab#: AC92030-003

Matrix: Soil

Collection Date: 6/24/2016

Receipt Date: 6/25/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		85

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	71	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.029	ND
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	ND
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND

Sample ID: FM-SO051-04

Collection Date: 6/24/2016

Lab#: AC92030-004

Receipt Date: 6/25/2016

Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		84

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	71	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.030	ND
Aroclor-1016	1	mg/kg	0.030	ND
Aroclor-1221	1	mg/kg	0.030	ND
Aroclor-1232	1	mg/kg	0.030	ND
Aroclor-1242	1	mg/kg	0.030	ND
Aroclor-1248	1	mg/kg	0.030	ND
Aroclor-1254	1	mg/kg	0.030	ND
Aroclor-1260	1	mg/kg	0.030	ND
Aroclor-1262	1	mg/kg	0.030	ND
Aroclor-1268	1	mg/kg	0.030	ND

Sample ID: FM-SO051-04-MS

Lab#: AC92030-005

Matrix: Soil

Collection Date: 6/24/2016

Receipt Date: 6/25/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		84

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	71	410

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.030	1.2
Aroclor-1016	1	mg/kg	0.030	0.59
Aroclor-1221	1	mg/kg	0.030	ND
Aroclor-1232	1	mg/kg	0.030	ND
Aroclor-1242	1	mg/kg	0.030	ND
Aroclor-1248	1	mg/kg	0.030	ND
Aroclor-1254	1	mg/kg	0.030	ND
Aroclor-1260	1	mg/kg	0.030	0.58
Aroclor-1262	1	mg/kg	0.030	ND
Aroclor-1268	1	mg/kg	0.030	ND

Sample ID: FM-SO051-04-MSD

Lab#: AC92030-006

Matrix: Soil

Collection Date: 6/24/2016

Receipt Date: 6/25/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		84

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	71	450

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.030	1.3
Aroclor-1016	1	mg/kg	0.030	0.66
Aroclor-1221	1	mg/kg	0.030	ND
Aroclor-1232	1	mg/kg	0.030	ND
Aroclor-1242	1	mg/kg	0.030	ND
Aroclor-1248	1	mg/kg	0.030	ND
Aroclor-1254	1	mg/kg	0.030	ND
Aroclor-1260	1	mg/kg	0.030	0.64
Aroclor-1262	1	mg/kg	0.030	ND
Aroclor-1268	1	mg/kg	0.030	ND

Sample ID: FM-SO054-02

Lab#: AC92030-007

Matrix: Soil

Collection Date: 6/24/2016

Receipt Date: 6/25/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		90

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	67	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.028	0.099
Aroclor-1016	1	mg/kg	0.028	ND
Aroclor-1221	1	mg/kg	0.028	ND
Aroclor-1232	1	mg/kg	0.028	ND
Aroclor-1242	1	mg/kg	0.028	ND
Aroclor-1248	1	mg/kg	0.028	ND
Aroclor-1254	1	mg/kg	0.028	ND
Aroclor-1260	1	mg/kg	0.028	0.099
Aroclor-1262	1	mg/kg	0.028	ND
Aroclor-1268	1	mg/kg	0.028	ND

Sample ID: FM-SO054-03

Lab#: AC92030-008

Matrix: Soil

Collection Date: 6/24/2016

Receipt Date: 6/25/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		86

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	70	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.029	0.14
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	0.14
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND

Sample ID: FM-SO054-04

Lab#: AC92030-009

Matrix: Soil

Collection Date: 6/24/2016

Receipt Date: 6/25/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		85

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	71	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.029	0.14
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	0.14
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND

Sample ID: FM-SO054-03-FD

Lab#: AC92030-010

Matrix: Soil

Collection Date: 6/24/2016

Receipt Date: 6/25/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		85

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	71	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.029	0.14
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	0.14
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND

Sample ID: FM-SO055-02
 Lab#: AC92030-011
 Matrix: Soil

Collection Date: 6/24/2016
 Receipt Date: 6/25/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		91

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	66	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND

Sample ID: FM-SO055-03

Lab#: AC92030-012

Matrix: Soil

Collection Date: 6/24/2016

Receipt Date: 6/25/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		81

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	74	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.031	ND
Aroclor-1016	1	mg/kg	0.031	ND
Aroclor-1221	1	mg/kg	0.031	ND
Aroclor-1232	1	mg/kg	0.031	ND
Aroclor-1242	1	mg/kg	0.031	ND
Aroclor-1248	1	mg/kg	0.031	ND
Aroclor-1254	1	mg/kg	0.031	ND
Aroclor-1260	1	mg/kg	0.031	ND
Aroclor-1262	1	mg/kg	0.031	ND
Aroclor-1268	1	mg/kg	0.031	ND

Sample ID: FM-SO055-04
 Lab#: AC92030-013
 Matrix: Soil

Collection Date: 6/24/2016
 Receipt Date: 6/25/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		79

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	76	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.032	ND
Aroclor-1016	1	mg/kg	0.032	ND
Aroclor-1221	1	mg/kg	0.032	ND
Aroclor-1232	1	mg/kg	0.032	ND
Aroclor-1242	1	mg/kg	0.032	ND
Aroclor-1248	1	mg/kg	0.032	ND
Aroclor-1254	1	mg/kg	0.032	ND
Aroclor-1260	1	mg/kg	0.032	ND
Aroclor-1262	1	mg/kg	0.032	ND
Aroclor-1268	1	mg/kg	0.032	ND

Sample ID: FM-SO055-03-FD
 Lab#: AC92030-014
 Matrix: Soil

Collection Date: 6/24/2016
 Receipt Date: 6/25/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		80

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	75	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.031	ND
Aroclor-1016	1	mg/kg	0.031	ND
Aroclor-1221	1	mg/kg	0.031	ND
Aroclor-1232	1	mg/kg	0.031	ND
Aroclor-1242	1	mg/kg	0.031	ND
Aroclor-1248	1	mg/kg	0.031	ND
Aroclor-1254	1	mg/kg	0.031	ND
Aroclor-1260	1	mg/kg	0.031	ND
Aroclor-1262	1	mg/kg	0.031	ND
Aroclor-1268	1	mg/kg	0.031	ND

HC Report of Analysis

Client: Tetra Tech Inc.
Project: FM Parcel 97 (Bldg.978)

HC Project #: 6071902

Sample ID: FM-P97-S059-01
Lab#: AC92445-001
Matrix: Soil

Collection Date: 7/18/2016
Receipt Date: 7/19/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		78

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	77	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.032	ND
Aroclor-1016	1	mg/kg	0.032	ND
Aroclor-1221	1	mg/kg	0.032	ND
Aroclor-1232	1	mg/kg	0.032	ND
Aroclor-1242	1	mg/kg	0.032	ND
Aroclor-1248	1	mg/kg	0.032	ND
Aroclor-1254	1	mg/kg	0.032	ND
Aroclor-1260	1	mg/kg	0.032	ND
Aroclor-1262	1	mg/kg	0.032	ND
Aroclor-1268	1	mg/kg	0.032	ND

Sample ID: FM-P97-SW060-01

Lab#: AC92445-002

Matrix: Soil

Collection Date: 7/18/2016

Receipt Date: 7/19/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		86

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	70	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.029	0.11
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	0.11
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND

Sample ID: FM-P97-SW061-01

Lab#: AC92445-003

Matrix: Soil

Collection Date: 7/18/2016

Receipt Date: 7/19/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		83

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	72	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.030	0.67
Aroclor-1016	1	mg/kg	0.030	ND
Aroclor-1221	1	mg/kg	0.030	ND
Aroclor-1232	1	mg/kg	0.030	ND
Aroclor-1242	1	mg/kg	0.030	ND
Aroclor-1248	1	mg/kg	0.030	ND
Aroclor-1254	1	mg/kg	0.030	ND
Aroclor-1260	1	mg/kg	0.030	0.67
Aroclor-1262	1	mg/kg	0.030	ND
Aroclor-1268	1	mg/kg	0.030	ND

Sample ID: FM-P97-S062-01

Lab#: AC92445-004

Matrix: Soil

Collection Date: 7/18/2016

Receipt Date: 7/19/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		76

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	79	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.033	ND
Aroclor-1016	1	mg/kg	0.033	ND
Aroclor-1221	1	mg/kg	0.033	ND
Aroclor-1232	1	mg/kg	0.033	ND
Aroclor-1242	1	mg/kg	0.033	ND
Aroclor-1248	1	mg/kg	0.033	ND
Aroclor-1254	1	mg/kg	0.033	ND
Aroclor-1260	1	mg/kg	0.033	ND
Aroclor-1262	1	mg/kg	0.033	ND
Aroclor-1268	1	mg/kg	0.033	ND

Sample ID: FM-P97-SW063-01

Lab#: AC92445-005

Matrix: Soil

Collection Date: 7/18/2016

Receipt Date: 7/19/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		87

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	69	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.029	0.093
Aroclor-1016	1	mg/kg	0.029	ND
Aroclor-1221	1	mg/kg	0.029	ND
Aroclor-1232	1	mg/kg	0.029	ND
Aroclor-1242	1	mg/kg	0.029	ND
Aroclor-1248	1	mg/kg	0.029	ND
Aroclor-1254	1	mg/kg	0.029	ND
Aroclor-1260	1	mg/kg	0.029	0.093
Aroclor-1262	1	mg/kg	0.029	ND
Aroclor-1268	1	mg/kg	0.029	ND

Sample ID: FM-P97-SW064-01

Lab#: AC92445-006

Matrix: Soil

Collection Date: 7/18/2016

Receipt Date: 7/19/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		86

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	70	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	10	mg/kg	0.29	4.4
Aroclor-1016	10	mg/kg	0.29	ND
Aroclor-1221	10	mg/kg	0.29	ND
Aroclor-1232	10	mg/kg	0.29	ND
Aroclor-1242	10	mg/kg	0.29	ND
Aroclor-1248	10	mg/kg	0.29	ND
Aroclor-1254	10	mg/kg	0.29	ND
Aroclor-1260	10	mg/kg	0.29	4.4
Aroclor-1262	10	mg/kg	0.29	ND
Aroclor-1268	10	mg/kg	0.29	ND

6071902 0014

Hampton-Clarke, Inc. (WBE/DBE/SBE)
175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458
Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054
Ph (Service Center): 856-780-6057 Fax: 856-780-6056



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CHAIN OF CUSTODY RECORD

Project # (Lab Use Only)

6071902

Page 1 of 1

3) Reporting Requirements (Please Circle)

Turnaround

When Available:

- 1 Business Day (100%)*
- 2 Business Days (75%)*
- 3 Business Days (50%)***
- 4 Business Days (35%)*

- 5 Business Days (25%)
- 10 Business Days (Stand.)

Other:

Report Type

- Data Summary
- Results + QC (Waste)
- NJ Reduced
- NY Reduced
- PA Reduced

- Full / Category B
- Category A
- Electronic (PDF)

Electronic Deliv.

- Hazsite/CSV
- EnviroData
- Excel - NJ Regulatory
- Excel - NY Regulatory
- Excel - PA Regulatory
- EQuIS (specify below):
- 4-File/EZ/NYS/Reg. 2 or 5
- Other:

* Expedited TAT Not Always Available. Please Check with Lab.

Customer Information

1a) Customer: Tetra Tech
Address: 1093 Commerce Park Dr. Ste 100
Oak Ridge TN 37830
1b) Email/Cell/Fax/Ph: Rob 407-448-9553
1c) Send Invoice to: Maureen McMyler 865-220-4762
1d) Send Report to: Maureen McMyler

Project Information

2a) Project: Fort Monmouth
Parcel 97 (Bldg. 978)
2b) Project Mgr: Mikael Spangberg
2c) Project Location (City/State): Ft. Monmouth
NJ
2d) Quote/PO # (If Applicable): 4817

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Batch #

AC92445

Matrix Codes

- DW - Drinking Water S - Soil A - Air
- GW - Ground Water SL - Sludge
- WW - Waste Water OL - Oil
- OT - Other (please specify under item 9, Comments)

==== Check If Contingent ====

Sample
Type

Composite (C)
Grab (G)

5) Matrix
6) Sample
Date Time

Lab Sample #

4) Customer Sample ID

-001

FM-P97-S059-01

S

7/18/14

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FM-P97-SW060-01

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FM-P97-SW061-01

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Last Entry

RR

7/18/14

Analysis (specify methods & parameter lists)

<==== Check If Contingent <====

8)

of Bottles

None MeOH En Core NaOH HCl H2SO4 HNO3 Other

9) Comments

SD48 Boring Floor
" " East Wall
" " South
SD38 Boring Floor
" " East Wall
" " North Wall

10) Relinquished by:

Rob Rolon
[Signature]

Accepted by:

[Signature]

Date

7/18/14 1430h
7/19/14 9:50

Time

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):

- ☐ BN or BNA (8270D SIM)
- ☐ VOC (8260C SIM or 8011)
- ☐ SPLP (BN, BNA, Metals)

Check if applicable:

- ☐ Project-Specific Reporting Limits
- ☐ High Contaminant Concentrations
- ☐ NJ LSRP Project (also check boxes above/right)

For NJ LSRP projects, indicate which standards need to be met:

- ☐ NJDEP GWQS
- ☐ NJDEP SRS
- ☐ NJDEP SPLP
- ☐ Other (specify):

Cooler Temperature

3.1°C

11) Sampler (print name):

Date:

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of \$5/sample will be assessed for storage should sample not be activated for any analysis.

Additional Notes

HC Report of Analysis

Client: Tetra Tech Inc.
Project: FM Parcel 97 (Bldg.978)

HC Project #: 6072003

Sample ID: FM-P97-S065-01

Lab#: AC92471-001

Matrix: Soil

Collection Date: 7/19/2016

Receipt Date: 7/20/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		84

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	71	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.030	0.16
Aroclor-1016	1	mg/kg	0.030	ND
Aroclor-1221	1	mg/kg	0.030	ND
Aroclor-1232	1	mg/kg	0.030	ND
Aroclor-1242	1	mg/kg	0.030	ND
Aroclor-1248	1	mg/kg	0.030	ND
Aroclor-1254	1	mg/kg	0.030	ND
Aroclor-1260	1	mg/kg	0.030	0.16
Aroclor-1262	1	mg/kg	0.030	ND
Aroclor-1268	1	mg/kg	0.030	ND

Sample ID: FM-P97-S066-01

Lab#: AC92471-002

Matrix: Soil

Collection Date: 7/19/2016

Receipt Date: 7/20/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		83

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	72	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.030	0.049
Aroclor-1016	1	mg/kg	0.030	ND
Aroclor-1221	1	mg/kg	0.030	ND
Aroclor-1232	1	mg/kg	0.030	ND
Aroclor-1242	1	mg/kg	0.030	ND
Aroclor-1248	1	mg/kg	0.030	ND
Aroclor-1254	1	mg/kg	0.030	ND
Aroclor-1260	1	mg/kg	0.030	0.049
Aroclor-1262	1	mg/kg	0.030	ND
Aroclor-1268	1	mg/kg	0.030	ND

Sample ID: FM-P97-S067-01

Lab#: AC92471-003

Matrix: Soil

Collection Date: 7/19/2016

Receipt Date: 7/20/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		83

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	72	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.030	ND
Aroclor-1016	1	mg/kg	0.030	ND
Aroclor-1221	1	mg/kg	0.030	ND
Aroclor-1232	1	mg/kg	0.030	ND
Aroclor-1242	1	mg/kg	0.030	ND
Aroclor-1248	1	mg/kg	0.030	ND
Aroclor-1254	1	mg/kg	0.030	ND
Aroclor-1260	1	mg/kg	0.030	ND
Aroclor-1262	1	mg/kg	0.030	ND
Aroclor-1268	1	mg/kg	0.030	ND

6072003 0010

Hampton-Clarke, Inc. (WBE/DBE/SBE)

175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458

Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054

Ph (Service Center): 856-780-6057 Fax: 856-780-6056



WBE/DBE/SBE 800-426-9992

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CHAIN OF CUSTODY RECORD

Project # (Lab Use Only)

6072003

Page 1 of 1

3) Reporting Requirements (Please Circle)

Turnaround

When Available:

- 1 Business Day (100%)*
- 2 Business Days (75%)*
- 3 Business Days (50%)*
- 4 Business Days (35%)*
- 5 Business Days (25%)
- 10 Business Days (Stand.)
- Other: _____

Report Type

- Data Summary
- Results + QC (Waste)
- NJ Reduced
- NY Reduced
- PA Reduced
- Full / Category B
- Category A
- Electronic (PDF)

Electronic Deliv.

- Hazsite/CSV
- EnviroData
- Excel - NJ Regulatory
- Excel - NY Regulatory
- Excel - PA Regulatory
- EQuIS (specify below):
- 4-File/EZ/NYS/Reg. 2 or 5
- Other: _____

* Expedited TAT Not Always Available. Please Check with Lab.

Customer Information

1a) Customer: Tetra Tech
Address: 1093 Commence Park Dr. Ste 100
Oak Ridge TN 37830
1b) Email/Cell/Fax/Ph: Rob 407-448-9553
1c) Send Invoice to: Maureen McMyler 865-220-4762
1d) Send Report to: Maureen McMyler

Project Information

2a) Project: Fort Monmouth
Parcel 97 (Bldg. 978)
2b) Project Mgr: Mikael Spangberg
2c) Project Location (City/State): Ft. Monmouth
NJ
2d) Quote/PO # (If Applicable): 4817

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Batch #

LC92491

Matrix Codes

- DW - Drinking Water S - Soil A - Air
- GW - Ground Water SL - Sludge
- WW - Waste Water OL - Oil
- OT - Other (please specify under item 9, Comments)

Sample
Type

Composite (C)

Grab (G)

5) Matrix

6) Sample

Date

Time

Lab Sample #

4) Customer Sample ID

Matrix

Date

Time

Lab Sample #

4) Customer Sample ID

Matrix

Date

Time

Lab Sample #

4) Customer Sample ID

Matrix

Date

Time

Lab Sample #

4) Customer Sample ID

Matrix

Date

Time

Lab Sample #

4) Customer Sample ID

Matrix

Date

Time

Lab Sample #

4) Customer Sample ID

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Lab Sample #

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Lab Sample #

4) Customer Sample ID

Matrix

Date

Time

Lab Sample #

4) Customer Sample ID

Matrix

Date

Time

Lab Sample #

4) Customer Sample ID

Matrix

Date

Time

7) Analysis (specify methods & parameter lists)

==== Check If Contingent ====

<==== Check If Contingent <====

8)

of Bottles

None MeOH En Core NaOH HCl H2SO4 HNO3 Other:

9) Comments

10) Relinquished by:

Accepted by:

Date

Time

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):

- ☐ BN or BNA (8270D SIM)
- ☐ VOC (8260C SIM or 8011)
- ☐ SPLP (BN, BNA, Metals)

Check if applicable:

- ☐ Project-Specific Reporting Limits
- ☐ High Contaminant Concentrations
- ☐ NJ LSRP Project (also check boxes above/right)

For NNJ LSRP projects, indicate which standards need to be met:

- ☐ NJDEP GWQS
- ☐ NJDEP SRS
- ☐ NJDEP SPLP
- ☐ Other (specify):

Additional Notes

PCB - 24 hour TAT Requested. DW 7/20/16
EPH 412 - STD TAT
PAH on 1702

11) Sampler (print name):

Date:

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of \$5/sample will be assessed for storage should sample not be activated for any analysis.

Cooler Temperature

2.7°C

HC Report of Analysis

Client: Tetra Tech Inc.

HC Project #: 6072508

Project: Fort Monmouth Parcel 97

Sample ID: FM-P97-S068-01

Collection Date: 7/22/2016

Lab#: AC92561-001

Receipt Date: 7/25/2016

Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		89

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	67	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor-1016	1	mg/kg	0.0375	ND
Aroclor-1221	1	mg/kg	0.0375	ND
Aroclor-1232	1	mg/kg	0.0375	ND
Aroclor-1242	1	mg/kg	0.0375	ND
Aroclor-1248	1	mg/kg	0.0375	ND
Aroclor-1254	1	mg/kg	0.0375	ND
Aroclor-1260	1	mg/kg	0.0375	0.0505
Aroclor-1262	1	mg/kg	0.0375	ND
Aroclor-1268	1	mg/kg	0.0375	ND

Sample ID: FM-P97-S069-01

Lab#: AC92561-002

Matrix: Soil

Collection Date: 7/25/2016

Receipt Date: 7/25/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		88

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	68	84

PAH Compounds 8270

Analyte	DF	Units	RL	Result
2-Methylnaphthalene	1	mg/kg	0.038	ND
Acenaphthene	1	mg/kg	0.038	ND
Acenaphthylene	1	mg/kg	0.038	ND
Anthracene	1	mg/kg	0.038	ND
Benzo[a]anthracene	1	mg/kg	0.038	0.23
Benzo[a]pyrene	1	mg/kg	0.038	0.21
Benzo[b]fluoranthene	1	mg/kg	0.038	0.37
Benzo[g,h,i]perylene	1	mg/kg	0.038	0.14
Benzo[k]fluoranthene	1	mg/kg	0.038	0.13
Chrysene	1	mg/kg	0.038	0.26
Dibenzo[a,h]anthracene	1	mg/kg	0.038	0.040
Fluoranthene	1	mg/kg	0.038	0.38
Fluorene	1	mg/kg	0.038	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.038	0.13
Naphthalene	1	mg/kg	0.0095	ND
Phenanthrene	1	mg/kg	0.038	0.16
Pyrene	1	mg/kg	0.038	0.49

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor-1016	1	mg/kg	0.0377	ND
Aroclor-1221	1	mg/kg	0.0377	ND
Aroclor-1232	1	mg/kg	0.0377	ND
Aroclor-1242	1	mg/kg	0.0377	ND
Aroclor-1248	1	mg/kg	0.0377	ND
Aroclor-1254	1	mg/kg	0.0377	ND
Aroclor-1260	1	mg/kg	0.0377	0.222
Aroclor-1262	1	mg/kg	0.0377	ND
Aroclor-1268	1	mg/kg	0.0377	ND

Sample ID: FM-P97-S069-FD

Lab#: AC92561-003

Matrix: Soil

Collection Date: 7/25/2016

Receipt Date: 7/25/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		89

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	67	86

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor-1016	1	mg/kg	0.0379	ND
Aroclor-1221	1	mg/kg	0.0379	ND
Aroclor-1232	1	mg/kg	0.0379	ND
Aroclor-1242	1	mg/kg	0.0379	ND
Aroclor-1248	1	mg/kg	0.0379	ND
Aroclor-1254	1	mg/kg	0.0379	ND
Aroclor-1260	1	mg/kg	0.0379	0.351
Aroclor-1262	1	mg/kg	0.0379	ND
Aroclor-1268	1	mg/kg	0.0379	ND

6072508 0010

Hampton-Clarke, Inc. (WBE/DBE/SBE)

175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458

Service Center: 137-D Gailther Drive, Mount Laurel, New Jersey 08054

Ph (Service Center): 856-780-6057 Fax: 856-780-6056



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**CHAIN OF CUSTODY
RECORD**

Project # (Lab Use Only)

6072508

Page 1 of 1

Reporting Requirements (Please Circle)

Turnaround

When Available:

- 1 Business Day (100%)*
- 2 Business Days (75%)*
- 3 Business Days (50%)*
- 4 Business Days (35%)*

- 5 Business Days (25%)
- 10 Business Days (Stand.)

Other:

Report Type

- Data Summary
- Results + QC (Waste)
- NJ Reduced
- NY Reduced
- PA Reduced

Full / Category B

Category A

Electronic (PDF)

Electronic Deliv.

- Hazsite/CSV
- EnviroData
- Excel - NJ Regulatory
- Excel - NY Regulatory
- Excel - PA Regulatory
- EQuIS (specify below):
- 4-File/EZ/NYS/Reg. 2 or 5
- Other:

* Expedited TAT Not Always Available. Please Check with Lab.

Customer Information

- 1a) Customer: Tetra Tech
- Address: 1093 Commerce Park Dr. Ste 100 Oak Ridge TN 37830
- 1b) Email/Cell/Fax/Ph: Rob 407-448-9553
- 1c) Send Invoice to: Maureen McMyler 865-220-4702
- 1d) Send Report to: Maureen McMyler

Project Information

- 2a) Project: Fort. Monmouth Parcel 97 (Bldg 978)
- 2b) Project Mgr: Mikael Spangberg
- 2c) Project Location (City/State): Ft. Monmouth NJ
- 2d) Quote/PO # (If Applicable): 4817

FOR LAB
USE
ONLY
↓

Batch #

AC92861

Matrix Codes

- DW - Drinking Water S - Soil A - Air
- GW - Ground Water SL - Sludge
- WW - Waste Water OL - Oil
- OT - Other (please specify under item 9, Comments)

Sample
Type

Composite (C)

Grab (G)

==== Check If Contingent ====

7) Analysis (specify methods & parameter lists)

<==== Check If Contingent <====

8)

of Bottles

None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other:
1							
1							
1							

9) Comments

Boring S038 N well
" S048 S "
" " Field Dpt

Last Entry

PC

7/25/16

10) Relinquished by:

Accepted by:

Date

Time

Comments, Notes, Special Requirements, HAZARDS

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):

- ☐ BN or BNA (8270D SIM)
- ☐ VOC (8260C SIM or 8011)
- ☐ SPLP (BN, BNA, Metals)

Check if applicable:

- ☐ Project-Specific Reporting Limits
- ☐ High Contaminant Concentrations
- ☐ NJ LSRP Project (also check boxes above/right)

For NNJ LSRP projects, indicate which standards need to be met:

- ☐ NJDEP GWQS
- ☐ NJDEP SRS
- ☐ NJDEP SPLP
- ☐ Other (specify):

Cooler Temperature

3.0

Additional Notes

11) Sampler (print name):

Date:

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of \$5/sample will be assessed for storage should sample not be activated for any analysis.

HC Report of Analysis

Client: Tetra Tech Inc.
Project: Fort Monmouth Parcel 97

HC Project #: 6072717

Sample ID: FM-P97-SW070-01
Lab#: AC92614-001
Matrix: Soil

Collection Date: 7/27/2016
Receipt Date: 7/27/2016

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		88

NJ EPH Category 2

Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	68	ND

PCB 8082

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.028	0.096
Aroclor-1016	1	mg/kg	0.028	ND
Aroclor-1221	1	mg/kg	0.028	ND
Aroclor-1232	1	mg/kg	0.028	ND
Aroclor-1242	1	mg/kg	0.028	ND
Aroclor-1248	1	mg/kg	0.028	ND
Aroclor-1254	1	mg/kg	0.028	ND
Aroclor-1260	1	mg/kg	0.028	0.096
Aroclor-1262	1	mg/kg	0.028	ND
Aroclor-1268	1	mg/kg	0.028	ND

Hampton-Clarke, Inc. (WBE/DBE/SBE) 175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004 Ph: 800-426-9992 973-244-9770 Fax: 973-244-9787 973-439-1458 Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054 Ph (Service Center): 856-780-6057 Fax: 856-780-6056			 CHAIN OF CUSTODY RECORD <i>A Women-Owned, Disadvantaged, Small Business Enterprise</i>			Project # (Lab Use Only) <u>6072217</u> Page <u>1</u> of <u>1</u>																																																																							
			3) Reporting Requirements (Please Circle)																																																																										
			Turnaround When Available: 1 Business Day (100%)* 2 Business Days (75%)* 3 Business Days (50%)* 4 Business Days (35%)* 5 Business Days (25%) 10 Business Days (Stand.) Other: _____	Report Type Data Summary Results + QC (Waste) NJ Reduced NY Reduced PA Reduced Full / Category B Category A Electronic (PDF)	Electronic Deliv. Hazsite/CSV EnviroData Excel - NJ Regulatory Excel - NY Regulatory Excel - PA Regulatory EQUIS (<i>specify below</i>): 4-File/EZ/NYS/Reg. 2 or 5 Other: _____																																																																								
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ATTACHMENT 5

**BACKFILL MATERIAL CERTIFICATION
(Provided on CD)**



Accredited Analytical Resources, LLC.

14 January 2015

AAR Work Order: 1500027

Bill Maddox
MADDOX MATERIALS
323 Main Street
Spotswood, NJ 08884
RE: Fred McDowell Inc. Schoolhouse Rd.

Enclosed are the results of analyses for samples received by the laboratory on 01/07/2015 15:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel Miguel
Technical Director

New Jersey Certification Number 12007



MADDOX MATERIALS

323 Main Street
Spotswood NJ, 08884

Project: Fred McDowell Inc. Schoolhouse Rd.

Project Manager: Bill Maddox

Reported:

01/14/2015 14:59

Analytical Report for Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S1	1500027-01	Soil	01/07/2015 11:45	01/07/2015 15:25

Notes and Definitions

U	Analyte included in the analysis, but not detected
J	Indicates estimated value for TICs and all results when detected below the RL
D	Data reported from a dilution
B	Indicates compound found in associated blank
ND	Indicates compound analyzed for but not detected
U	Indicates compound analyzed for but not detected
dry	Sample results reported on a dry weight basis
RL	Reporting Limit
MDL	Method Detection Limit

Accredited Analytical Resources LLC

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Daniel Miguel, Technical Director

**MADDOX MATERIALS**

323 Main Street
Spotswood NJ, 08884

Project: Fred McDowell Inc. Schoolhouse Rd.

Project Manager: Bill Maddox

Reported:

01/14/2015 14:59

Methodology Summary

EPA 6010B

A 1-5 gram portion of soil is digested with nitric acid and hydrogen peroxide. The digestate is then refluxed with either nitric acid or hydrochloric acid. The basis of ICAP method is the measurement of atomic emission by an optical spectroscopy technique. The ICAP technique is specified in Method 6010B.

EPA 7471A

The mercury in the sample is reduced to the elemental state and detected by the cold vapor technique in a closed system. The analytical procedure associated with the Cold Vapor technique is derived from EPA Method 7470A.

EPA 8081/8082

A 30g portion of soil is mixed with anhydrous sodium sulfate and is serially extracted with 1:1 methylene chloride and acetone. The extract is dried and solvent/exchanged to hexane during concentration. A measured amount is injected onto a GC and the analytes are detected by an electron capture detector.

EPA 8260

An inert gas is purged through a 5g sample by EPA Method 5035. Alternatively the soil is extracted with methanol. A portion of extract is spiked into a purging vessel and purged by an inert gas. The vapor is swept through a sorbent column where the purgeables are trapped. The sorbent column is heated and back-flushed with the inert gas to desorb the purgeables onto a GC capillary column. The GC is temperature programmed to separate the purgeables which are then detected with a mass spectrometer

EPA 8270

A 30g portion of soil is mixed with anhydrous sodium sulfate and is extracted with 1:1 methylene chloride and acetone mixture. The methylene chloride extract is dried and concentrated and a measured amount is injected onto a GC and the analytes are detected with a mass spectrometer.

EPA 9014

A representative portion of sample is weighed and placed into a cyanide distillation apparatus. The cyanide as hydrocyanic acid is released from cyanide complexes by means of a reflux-distillation operation and absorbed in a scrubber containing sodium hydroxide solution. The cyanide ion in the absorbing solution is then determined colorimetrically.

NJDEP EPH

Approximately 15 grams of sample is extracted with Methylene Chloride by Pressurized Fluid Extraction technique. The extract is then dried with sodium sulfate, concentrated and analyzed by GC-FID.

SM 2540 G

A representative 5-10 grams of solid sample is placed in a preweighed weighing dish. The sample is dried in an oven at 103-105°C for 12-24 hrs. Alternatively the constant weight of dried sample is attained for the drying period less than 12 hrs. The remaining weight of sample after drying to the original weight expressed in percentage is determined as percent solid.

Accredited Analytical Resources LLC

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Daniel Miguel, Technical Director



MADDOX MATERIALS

323 Main Street
Spotswood NJ, 08884

Project: Fred McDowell Inc. Schoolhouse Rd.

Project Manager: Bill Maddox

Reported:

01/14/2015 14:59

Client ID: S1

Lab ID: 1500027-01 (Soil)

CAS #	Analyte	Result	MDL	RL	Units	Dilution	Prepared Date	Analyzed Date/By	Method	Notes
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Accredited Analytical Resources LLC

Volatile Organic Compounds EPA Method SW846 8260

Sample Prepared by Method:EPA 5035A

107-02-8	Acrolein	ND	6.59	11.0	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
107-13-1	Acrylonitrile	ND	2.20	11.0	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
67-64-1	Acetone	2.80	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	B
75-71-8	Dichlorodifluoromethane	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
74-87-3	Chloromethane	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
75-01-4	Vinyl chloride	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
74-83-9	Bromomethane	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
75-00-3	Chloroethane	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
75-69-4	Trichlorofluoromethane	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
76-13-1	Freon 113	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
75-35-4	1,1-Dichloroethene	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
75-15-0	Carbon disulfide	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
79-20-9	Methyl Acetate	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
75-09-2	Methylene Chloride	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
156-60-5	trans-1,2-Dichloroethene	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
75-34-3	1,1-Dichloroethane	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
78-93-3	2-Butanone	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
156-59-4	cis-1,2-Dichloroethene	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
67-66-3	Chloroform	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
74-97-5	Bromochloromethane	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
110-82-7	Cyclohexane	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
71-55-6	1,1,1-Trichloroethane	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
75-65-0	t-Butyl alcohol	ND	5.49	22.0	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
56-23-5	Carbon Tetrachloride	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
107-06-2	1,2-Dichloroethane	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
71-43-2	Benzene	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
79-01-6	Trichloroethene	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U

Accredited Analytical Resources LLC

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Daniel Miguel, Technical Director

**MADDOX MATERIALS**323 Main Street
Spotswood NJ, 08884

Project: Fred McDowell Inc. Schoolhouse Rd.

Project Manager: Bill Maddox

Reported:

01/14/2015 14:59

Client ID: S1**Lab ID: 1500027-01 (Soil)**

CAS #	Analyte	Result	MDL	RL	Units	Dilution	Prepared Date	Analyzed Date/By	Method	Notes
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Accredited Analytical Resources LLC**Volatile Organic Compounds EPA Method SW846 8260**

108-87-2	Methylcyclohexane	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
78-87-5	1,2-Dichloropropane	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
75-27-4	Bromodichloromethane	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
108-88-3	Toluene	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
79-00-5	1,1,2-Trichloroethane	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
108-10-1	4-Methyl-2-pentanone	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
106-93-4	1,2-Dibromoethane	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
591-78-6	2-Hexanone	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
127-18-4	Tetrachloroethene	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
124-48-1	Dibromochloromethane	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
100-41-4	Ethylbenzene	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
108-90-7	Chlorobenzene	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
108-38-3/106-4m,p-Xylenes		ND	2.20	4.39	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
95-47-6	o-Xylene	ND	2.20	4.39	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
100-42-5	Styrene	ND	1.10	4.39	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
75-25-2	Bromoform	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
98-82-8	Isopropylbenzene	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
541-73-1	1,3-Dichlorobenzene	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
106-46-7	1,4-Dichlorobenzene	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
95-50-1	1,2-Dichlorobenzene	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.10	2.20	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U
1634-04-4	Methyl tert-Butyl Ether	ND	2.20	4.39	ug/kg dry	1	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	U

Surrogate: 1,2-Dichloroethane-d4

99 % 70-121

01/10/15 21:14

01/10/15 21:14/SCS

EPA 8260B

Accredited Analytical Resources LLC

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Daniel Miguel, Technical Director



MADDOX MATERIALS

323 Main Street
Spotswood NJ, 08884

Project: Fred McDowell Inc. Schoolhouse Rd.

Project Manager: Bill Maddox

Reported:

01/14/2015 14:59

Client ID: S1

Lab ID: 1500027-01 (Soil)

CAS #	Analyte	Result	MDL	RL	Units	Dilution	Prepared Date	Analyzed Date/By	Method	Notes
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Accredited Analytical Resources LLC

Volatile Organic Compounds EPA Method SW846 8260

Surrogate: Toluene-d8	102 %	81-117	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B
Surrogate: Bromofluorobenzene	103 %	74-121	01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B

Semivolatile Organic Compounds EPA Method SW846 8270

Sample Prepared by Method:EPA 3550B GCMS

62-75-9	N-Nitrosodimethylamine	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
100-52-7	Benzaldehyde	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
108-95-2	Phenol	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
111-44-4	bis(2-chloroethyl)ether	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
95-57-8	2-Chlorophenol	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
95-48-7	2-Methylphenol	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
39638-32-9	bis(2-chloroisopropyl)ether	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
98-86-2	Acetophenone	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
106-44-5	3 & 4-Methylphenol	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
621-64-7	N-Nitroso-di-n-propylamine	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
67-72-1	Hexachloroethane	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
98-95-3	Nitrobenzene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
78-59-1	Isophorone	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
88-75-5	2-Nitrophenol	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
105-67-9	2,4-Dimethylphenol	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
111-91-1	bis(2-chloroethoxy)methane	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
120-83-2	2,4-Dichlorophenol	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
91-20-3	Naphthalene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
106-47-8	4-Chloroaniline	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
87-68-3	Hexachlorobutadiene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
105-60-2	Caprolactam	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
59-50-7	4-Chloro-3-methylphenol	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
91-57-6	2-Methylnaphthylene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U

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Daniel Miguel, Technical Director



MADDOX MATERIALS

323 Main Street
Spotswood NJ, 08884

Project: Fred McDowell Inc. Schoolhouse Rd.

Project Manager: Bill Maddox

Reported:

01/14/2015 14:59

Client ID: S1

Lab ID: 1500027-01 (Soil)

CAS #	Analyte	Result	MDL	RL	Units	Dilution	Prepared Date	Analyzed Date/By	Method	Notes
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Accredited Analytical Resources LLC

Semivolatile Organic Compounds EPA Method SW846 8270

77-47-4	Hexachlorocyclopentadiene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
88-06-2	2,4,6-Trichlorophenol	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
95-95-4	2,4,5-Trichlorophenol	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
91-58-7	2-Chloronaphthalene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
92-52-4	1,1-Biphenyl	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
88-74-4	2-Nitroaniline	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
131-11-3	Dimethylphthalate	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
208-96-8	Acenaphthylene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
99-09-2	3-Nitroaniline	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
83-32-9	Acenaphthene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
51-28-5	2,4-Dinitrophenol	ND	36.6	366	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
100-02-7	4-Nitrophenol	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
132-64-9	Dibenzofuran	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
606-20-2	2,6-Dinitrotoluene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
121-14-2	2,4-Dinitrotoluene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
58-90-2	2,3,4,6-Tetrachlorophenol	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
84-66-2	Diethyl phthalate	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
7005-72-3	4-Chlorophenyl-phenylether	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
86-73-7	Fluorene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
100-01-6	4-Nitroaniline	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
86-74-8	Carbazole	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
86-30-6	N-Nitrosodiphenylamine	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
122-66-7	1,2-Diphenylhydrazine	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
101-55-3	4-Bromophenyl-phenylether	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
1912-24-9	Atrazine	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
118-74-1	Hexachlorobenzene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
87-86-5	Pentachlorophenol	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
85-01-8	Phenanthrene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U

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Accredited Analytical Resources LLC

Semivolatile Organic Compounds EPA Method SW846 8270

120-12-7	Anthracene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
84-74-2	Di-n-butyl phthalate	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
206-44-0	Fluoranthene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
92-87-5	Benzidine	ND	91.1	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
129-00-0	Pyrene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
85-68-7	Butylbenzylphthalate	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
91-94-1	3,3'-Dichlorobenzidine	ND	91.1	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
56-55-3	Benzo[a]anthracene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
117-81-7	bis(2-ethylhexyl)phthalate	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
218-01-9	Chrysene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
117-84-0	Di-n-octyl phthalate	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
205-99-2	Benzo[b]fluoranthene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
207-08-9	Benzo[k]fluoranthene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
50-32-8	Benzo[a]pyrene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
53-70-3	Dibenzo(a,h)anthracene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U
191-24-2	Benzo[ghi]perylene	ND	36.6	183	ug/kg dry	1	01/08/15 08:55	01/08/15 15:58/JMM	EPA 8270C	U

Surrogate: 2-Fluorophenol 80 % 25-121 01/08/15 08:55 01/08/15 15:58/JMM EPA 8270C

Surrogate: Phenol-d5 94 % 24-113 01/08/15 08:55 01/08/15 15:58/JMM EPA 8270C

Surrogate: Nitrobenzene-d5 69 % 23-120 01/08/15 08:55 01/08/15 15:58/JMM EPA 8270C

Surrogate: 2-Fluorobiphenyl 80 % 30-115 01/08/15 08:55 01/08/15 15:58/JMM EPA 8270C

Surrogate: 2,4,6-Tribromophenol 108 % 19-122 01/08/15 08:55 01/08/15 15:58/JMM EPA 8270C

Surrogate: Terphenyl-d14 78 % 18-137 01/08/15 08:55 01/08/15 15:58/JMM EPA 8270C

EPA Method SW846 8081/8082

Sample Prepared by Method:EPA 3550B

319-84-6	alpha-BHC	ND	0.724	0.724	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
319-85-7	beta-BHC	ND	0.724	0.724	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
319-86-8	delta-BHC	ND	0.724	0.724	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U

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EPA Method SW846 8081/8082

58-89-9	gamma-BHC [Lindane]	ND	0.724	0.724	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
76-44-8	Heptachlor	ND	0.724	0.724	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
309-00-2	Aldrin	ND	0.724	0.724	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
1024-57-3	Heptachlor Epoxide	ND	0.724	0.724	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
959-98-8	Endosulfan I	ND	0.724	0.724	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
60-57-1	Dieldrin	ND	1.46	1.46	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
72-55-9	4,4'-DDE	ND	1.46	1.46	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
72-20-8	Endrin	ND	1.46	1.46	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
33213-65-9	Endosulfan II	ND	1.46	1.46	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
72-54-8	4,4'-DDD	ND	1.46	1.46	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
1031-07-8	Endosulfan sulfate	ND	1.46	1.46	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
50-29-3	4,4'-DDT	ND	1.46	1.46	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
72-43-5	Methoxychlor	ND	7.31	7.31	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
53494-70-5	Endrin ketone	ND	1.46	1.46	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
7421-93-4	Endrin aldehyde	ND	1.46	1.46	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
5103-71-9	alpha-Chlordane	ND	0.724	0.724	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
5566-34-7	gamma-Chlordane	ND	0.724	0.724	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
8001-35-2	Toxaphene	ND	36.6	36.6	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
12674-11-2	Aroclor-1016	ND	18.2	36.6	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
11104-28-2	Aroclor-1221	ND	18.2	36.6	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
11141-16-5	Aroclor-1232	ND	18.2	36.6	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
53469-21-9	Aroclor-1242	ND	18.2	36.6	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
12672-29-6	Aroclor-1248	ND	18.2	36.6	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
11097-69-1	Aroclor-1254	ND	18.2	36.6	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
11096-82-5	Aroclor-1260	ND	18.2	36.6	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
37324-23-5	Aroclor-1262	ND	18.2	36.6	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
11100-14-4	Aroclor-1268	ND	18.2	36.6	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	U
Surrogate: Tetrachloro-m-xylene			77.7 %	30-150			01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082	

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Accredited Analytical Resources LLC

EPA Method SW846 8081/8082

Surrogate: Tetrachloro-m-xylene	91.0 %	30-150	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082
Surrogate: Decachlorobiphenyl	88.3 %	30-150	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082
Surrogate: Decachlorobiphenyl	97.5 %	30-150	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082

Total Metals by EPA Method SW846 6010B

Sample Prepared by Method:EPA 3050B

7429-90-5	Aluminum	919	22.0	22.0	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	
7440-36-0	Antimony	ND	4.39	4.39	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	U
7440-38-2	Arsenic	ND	1.10	1.10	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	U
7440-39-3	Barium	ND	22.0	22.0	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	U
7440-41-7	Beryllium	ND	0.549	0.549	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	U
7440-43-9	Cadmium	ND	0.549	0.549	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	U
7440-70-2	Calcium	ND	27.4	27.4	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	U
7440-47-3	Chromium	3.10	2.20	2.20	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	
7440-48-4	Cobalt	ND	5.49	5.49	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	U
7440-50-8	Copper	ND	3.29	3.29	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	U
7439-89-6	Iron	5560	27.4	27.4	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	
7439-92-1	Lead	2.67	1.10	1.10	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	
7439-95-4	Magnesium	ND	54.9	54.9	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	U
7439-96-5	Manganese	8.49	2.20	2.20	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	
7440-02-0	Nickel	ND	4.39	4.39	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	U
7440-09-7	Potassium	107	54.9	54.9	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	
7782-49-2	Selenium	ND	4.39	4.39	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	U
7440-22-4	Silver	ND	1.10	1.10	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	U
7440-23-5	Sodium	ND	54.9	54.9	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	U
7440-28-0	Thallium	ND	1.65	3.29	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	U
7440-62-2	Vanadium	ND	5.49	5.49	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	U
7440-66-6	Zinc	ND	6.59	6.59	mg/kg dry	1	01/08/15 07:34	01/09/15 13:54/LIT	EPA 6010B	U

Accredited Analytical Resources LLC

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Daniel Miguel, Technical Director



MADDOX MATERIALS
323 Main Street
Spotswood NJ, 08884

Project: Fred McDowell Inc. Schoolhouse Rd.
Project Manager: Bill Maddox

Reported:
01/14/2015 14:59

Client ID: S1

Lab ID: 1500027-01 (Soil)

CAS #	Analyte	Result	MDL	RL	Units	Dilution	Prepared Date	Analyzed Date/By	Method	Notes
-------	---------	--------	-----	----	-------	----------	---------------	------------------	--------	-------

Accredited Analytical Resources LLC

Total Mercury by SW846 7471

Sample Prepared by Method:EPA 7471A

7439-97-6	Mercury	ND	0.0823	0.0823	mg/kg dry	1	01/08/15 07:30	01/08/15 12:28/STM	EPA 7471A
-----------	---------	----	--------	--------	-----------	---	----------------	--------------------	-----------

Wet Chemistry

Sample Prepared by Method:EPA 9010C

NA	Cyanide (total)	ND	1.10	1.10	mg/kg dry	1	01/12/15 09:23	01/12/15 16:41/NNM	EPA 9014
----	-----------------	----	------	------	-----------	---	----------------	--------------------	----------

Sample Prepared by Method:Percent Solids

NA	Percent Solids	91.1	0.100	0.100	%	1	01/09/15 10:30	01/09/15 14:38/CLD	SM 2540 G
----	----------------	------	-------	-------	---	---	----------------	--------------------	-----------

Extractable Petroleum Hydrocarbons by NJ EPH

Sample Prepared by Method:EPA 3545A

NA	Extractable Petroleum Hydrocarbons (EPH)	ND	17.6	17.6	mg/kg dry	1	01/09/15 09:02	01/09/15 13:38/MS	NJDEP EPH	U
----	--	----	------	------	-----------	---	----------------	-------------------	-----------	---

Surrogate: o-Terphenyl

74.1 % 40-140 01/09/15 09:02 01/09/15 13:38/MS NJDEP EPH

Surrogate: 1-Chlorooctadecane

83.5 % 40-140 01/09/15 09:02 01/09/15 13:38/MS NJDEP EPH

Accredited Analytical Resources LLC

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Daniel Miguel, Technical Director

20 PERSHING AVENUE
CARTERET, NEW JERSEY 07008
PHONE (732) 969-6112 FAX (732) 541-1383
accreditedanalytical.com

CLIENT	Maddox Materials Inc		
ADDRESS	323 Main Street		
CITY	Spotswood		
STATE	NJ	ZIP	08884

STATE AGENCY NJ NY PA CT DE OTHER _____	
PROJECT	Fred McDowell Inc Schoolhouse Rd
CONTACT	B. J. Maddox
PHONE	732 251-0054
FAX	
E-MAIL	jr.madd@verizon.net

[illegible]

TURNAROUND TIME 5 Days Spread Sheet (IF BLANK, STD. 3 WEEKS)

RECEIVED W/ ICE? YES ☒ NO ☐ TEMPERATURE: 40C NJSCC + INGV

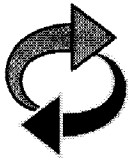
QA/QC DELIVERABLES (circle one)	STD	<u>NJ REDUCED</u>	NJ FULL	OTHER : NYASP Cat. A	NYASP Cat. B
------------------------------------	-----	-------------------	---------	----------------------	--------------

PRESERVATIVE CODE: 1=HCL 2=HNO₃ 3=H₂SO₄ 4=Na₂S₂O₃ 5=NaOH 6=MeOH 7=OTHER

RELINQUISHED BY:		RECEIVED BY:		ORGANIZATION	DATE	TIME	REASON
PRINT	SIGN	PRINT	SIGN				
William Muddar	<i>[Signature]</i>	K. MUNIZ	<i>[Signature]</i>	AAR	11/15	1525	Analysis

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: William Maddox SIGN: [Signature]

	Rosano Trucking / Fred McDowell Inc	AAR QUOTE #	
COMMENTS	Block 1930 Lot 1	AAR CASE #	1500027
	Morrmouth County	P.O. #	



Maddox Materials, LLC
Quality Aggregates & Construction Soils

February 9, 2015

AWT Environmental
PO Box 128
Sayreville, NJ 08871

Attn: Mario Postorino
Phone: 732-613-1660
Fax: 732-613-1536

Project: Clean Fill

To whom it may concern:

Please be advised the sand Maddox Materials llc supplies is a clean virgin material originating from the Fred McDowell sand and gravel property. The mining permit is #003911 Rosano Trucking Schoolhouse Rd., Block 930, Lot 1, Township of Wall, Monmouth County NJ. The entrance to this location is Route 33 Wall Township which is referenced on our certified weight ticket used during delivery.

The site was historically a wooded lot and is now being used as a registered mining operation. To the best of our knowledge, the material is not contaminated pursuant to any applicable remediation standards. Our belief is based on the fact that this site has been tested by Accredited Analytical Resources, LLC work order# 1500027 and found to be acceptable for residential development.

If you need any additional information please contact me at 732-251-0054.

Respectfully Submitted,

William Maddox
Member

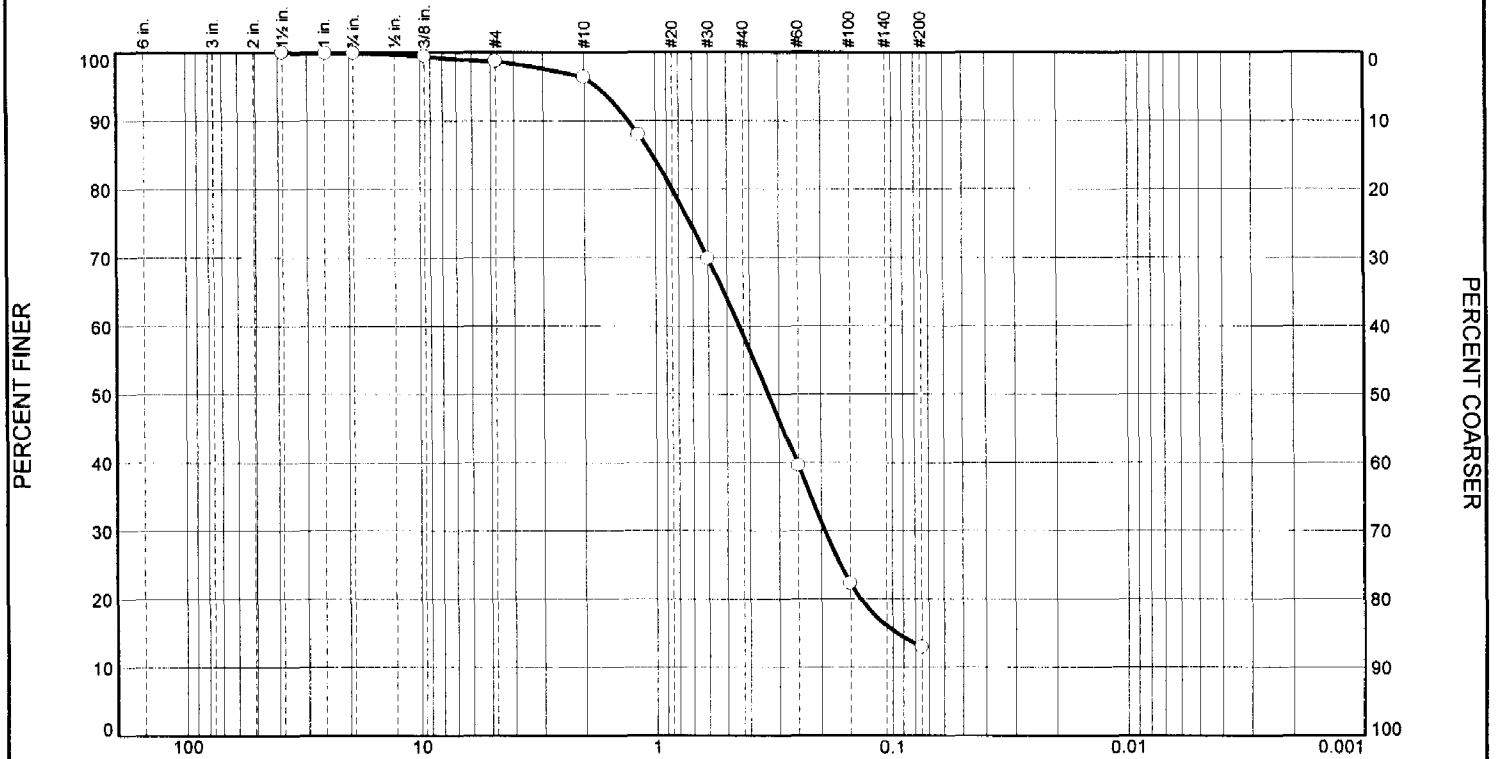


DATE: 1/15

[illegible]

* SEE TEST CURVES

Particle Size Distribution Report



GRAIN SIZE - mm.

% +3"	% Gravel			% Sand			% Fines
	Coarse	Medium	Fine	Coarse	Medium	Fine	
0.0	0.1	0.5	3.0	26.6	30.3	26.5	13.0

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1.5	100.0		
1	99.9		
.75	99.9		
.375	99.4		
#4	98.7		
#10	96.4		
#16	88.0		
#30	69.8		
#60	39.5		
#100	22.3		
#200	13.0		

* (no specification provided)

Material Description		
Orange Brown cmf SAND, little- Silt, trace f Gravel		
PL= NP	Atterberg Limits LL= NP	PI= NP
D ₉₀ = 1.3023	Coefficients D ₈₅ = 1.0353	D ₆₀ = 0.4434
D ₅₀ = 0.3327	D ₃₀ = 0.1929	D ₁₅ = 0.0961
D ₁₀ =	C _u =	C _c =
USCS= SM	Classification AASHTO=	A-2-4(0)
Remarks		

Location: Rosano Sand
Sample Number: S-119

Date: 1/21/15

FRENCH & PARRELLO ASSOCIATES, P.A.
CONSULTING ENGINEERS
Wall, NJ

Client: Maddox Materials, LLC
Project: Maddox

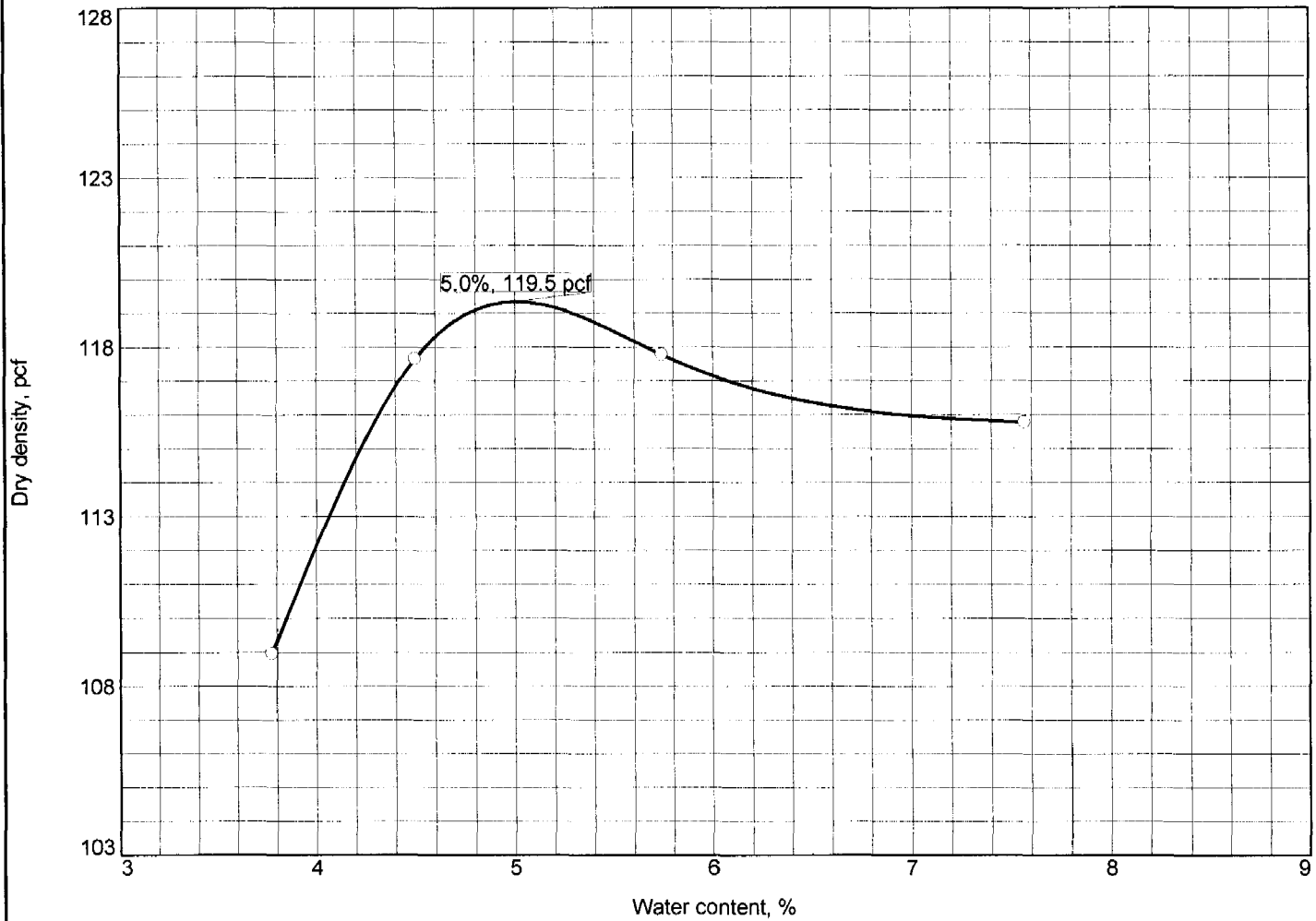
Project No: 07L001A

Figure

Tested By: MP

Checked By: RT

COMPACTION TEST REPORT



Test specification: ASTM D 1557-07 Method C Modified

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.200
	USCS	AASHTO						
	SM	A-2-4(0)	9		NP	NP	0.1	13.0

TEST RESULTS

Maximum dry density = 119.5 pcf

Optimum moisture = 5.0 %

MATERIAL DESCRIPTION

Orange Brown cmf SAND, little- Silt, trace f
Gravel

Project No. 07L001A Client: Maddox Materials, LLC

Project: Maddox

Location: Rosano Sand Sample Number: S-119

FRENCH & PARRELLO ASSOCIATES, P.A.
CONSULTING ENGINEERS
Wall, NJ

Remarks:

Figure

Tested By: MP Checked By: RT

ATTACHMENT 6

**WASTE DISPOSAL INFORMATION
(Provided on CD)**

Please print or type. (Form designed for use on ekile (12-pitch) typewriter.)

Form Approved OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NJ3210020587	2. Page 1 of 1	3. Emergency Response Phone 732-813-1080	4. Manifest Tracking Number 001871775 FLE	
5. Generator's Name and Mailing Address US Dept of Army-Fort Monmouth - Main Post P.O. Box 148 Oceansport, NJ 07757		Generator's Site Address (if different than mailing address) Main Post Fort Monmouth, NJ 07703				
6. Transporter 1 Company Name Freehold Cartage, Inc.		U.S. EPA ID Number NJD054126184				
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address Wayne Disposal, Inc. Site #2 Landfill 49350 N. I-94 Service Drive Belleville, MI 48111		U.S. EPA ID Number MID048090633				
Facility's Phone 800-592-5489						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	1. RC, UN-3432, Polychlorinated Biphenyls, Solid, Mixture, Class 9, PG III - ERG# 171		XX1	CM	5,200	K
	2.					
	3.					
4.						
13. Waste Codes PCB1						
14. Special Handling Instructions and Additional Information 150185WDI - PCB Soil & Concrete AWT PO. # 14485-MP SSD: 01/29/16						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name MATHEN CRUMER		Signature <i>[Signature]</i>		Month Day Year 02 02 16		
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit _____ Date leaving U.S. _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Robert Maurer		Signature <i>[Signature]</i>		Month Day Year 02 02 16		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy OK to correct per Jennifer Heck TC/B 2/4/16						
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
actual weight 7045K ok per Jennifer Heck TC/B 2/4/16						
18b. Alternate Facility (or Generator)		U.S. EPA ID Number				
Facility's Phone						
18c. Signature of Alternate Facility (or Generator)						
Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1	2	3	4			
PCB						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name Don Sh [Signature]		Signature <i>[Signature]</i>		Month Day Year 2 4 16		

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

AWT ENVIRONMENTAL SERVICES, INC.
ATTN: ACCOUNTS PAYABLE
P.O. BOX 128
SAYERVILLE, NJ 08871

Receipt ID: 1262180
EQ Account #: 1070
Manifest / BOL: 001871775FLE
Transporter: FCI
Date: 02/04/2016
Time In: 7:12 AM
Time Out: 8:25 AM

Line	Description Generator	Qty. Unit
1 - 1	I150185WDI - PCB Concrete	7.750 TONS
	Hazardous Surcharge Ton	7.750 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 50,500 Tare: 35,000 Net: 15,500	
2	Wayne Disposal Host Community Agreement Royalty Fee	7.750 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 50,500 Tare: 35,000 Net: 15,500	

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>115G145WDC</i>	2. Page 1 of 1	3. Emergency Response Phone <i>201-467-1467</i>	4. Manifest Tracking Number 001871776 FLE	
5. Generator's Name and Mailing Address <i>US Dept of Army Fort Monmouth - Admin Bldg P.O. Box 148 Oceanport, NJ 07757</i>			Generator's Site Address (if different than mailing address) <i>Main Post Fort Monmouth, NJ 07703</i>			
Generator's Phone: <i>800-562-5485</i>						
6. Transporter 1 Company Name <i>Horwith Trucks, Inc.</i>			U.S. EPA ID Number <i>PA0146714678</i>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <i>Wayne Disposal, Inc. Site #2 Landfill 49300 N. I-64 Service Drive Belleville, MI 48111</i>			U.S. EPA ID Number <i>MI044009533</i>			
Facility's Phone: <i>800-562-5485</i>						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	X	1. <i>RG UN3432, Polychlorinated Biphenyls, Solid Mixture, Class II, PG III - EPC# 171</i>	XX1	DT	<i>20</i>	<i>KG</i>
		2.				
		3.				
		4.				
13. Waste Codes <i>PCB1</i>						
14. Special Handling Instructions and Additional Information <i>115G145WDC - PCB Soil & Concrete AWT PO # 14485-MP</i>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offoror's Printed/Typed Name <i>Matthew Cremona</i>				Signature <i>[Signature]</i>		Month Day Year <i>07 02 16</i>
INT'L	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
	Transporter signature (for exports only): _____					
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials					
	Transporter 1 Printed/Typed Name <i>Rick Boyce</i>		Signature <i>[Signature]</i>		Month Day Year <i>7 2 16</i>	
	Transporter 2 Printed/Typed Name		Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy					
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
	Manifest Reference Number: _____					
	18b. Alternate Facility (or Generator) U.S. EPA ID Number					
	Facility's Phone: _____					
	18c. Signature of Alternate Facility (or Generator) Month Day Year					
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
	1.	2.	3.	4.		
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
	Printed/Typed Name		Signature		Month Day Year	

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

AWT ENVIRONMENTAL SERVICES, INC.
ATTN: ACCOUNTS PAYABLE
P.O. BOX 128
SAYERVILLE, NJ 08871

Receipt ID: 1262150
EQ Account #: 1070
Manifest / BOL: 001871776FLE
Transporter: HORWITH
Date: 02/03/2016
Time In: 7:53 AM
Time Out: 8:49 AM

Line	Description Generator	Qty. Unit
1 - 1	I150185WDI - PCB Concrete	24.580 TONS
	Hazardous Surcharge Ton	24.580 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 79,800 Tare: 30,640 Net: 49,160	
2	Wayne Disposal Host Community Agreement Royalty Fee	24.580 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 79,800 Tare: 30,640 Net: 49,160	

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NJ010020987		2. Page 1 of 1	3. Emergency Response Phone 732.612.1000	4. Manifest Tracking Number 001871777 FLE					
		5. Generator's Name and Mailing Address US Dept of Army Fort Monmouth Main Post P.O. Box 148 Fort Monmouth, NJ 07705		Generator's Site Address (if different than mailing address) Main Post Fort Monmouth, NJ 07705							
6. Transporter 1 Company Name Hawthorne, Inc.		U.S. EPA ID Number PA0148714878									
7. Transporter 2 Company Name		U.S. EPA ID Number									
8. Designated Facility Name and Site Address Varyne Disposal, Inc. Site #2 Landfill 49350 N. Elm Service Drive Belleville, NJ 08111		U.S. EPA ID Number MTX048040031									
Facility's Phone: 800-592-5480											
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
					No.	Type					
	X	1. RG, UN-3432, Polychlorinated Biphenyls, Solid, Medium, Class 9, PG III - ENV0171	XXI	DI	22	T	PCB1				
		2.									
		3.									
	4.										
14. Special Handling Instructions and Additional Information HSD185WDI - PCB Soil & Concrete AWT PO. # 14485-MP											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offeror's Printed/Typed Name Matthew G. ...											
Signature [Signature]											
Month Day Year 02 02 12											
TRANSPORTER	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____										
	17. Transporter Acknowledgment of Receipt of Materials										
	Transporter 1 Printed/Typed Name Frank Kopp...				Signature [Signature]		Month Day Year 02 02 12				
	Transporter 2 Printed/Typed Name				Signature		Month Day Year				
DESIGNATED FACILITY	18. Discrepancy										
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection										
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____										
	Facility's Phone: _____										
	18c. Signature of Alternate Facility (or Generator) Month Day Year										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. 2. 3. 4.											
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name Signature Month Day Year											

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

AWT ENVIRONMENTAL SERVICES, INC.
ATTN: ACCOUNTS PAYABLE
P.O. BOX 128
SAYERVILLE, NJ 08871

Receipt ID: 1262151
EQ Account #: 1070
Manifest / BOL: 001871777FLE
Transporter: HORWITH
Date: 02/03/2016
Time In: 7:59 AM
Time Out: 8:56 AM

Line	Description Generator	Qty. Unit
1 - 1	I150185WDI - PCB Concrete	22.890 TONS
	Hazardous Surcharge Ton	22.890 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 78,580 Tare: 32,800 Net: 45,780	
2	Wayne Disposal Host Community Agreement Royalty Fee	22.890 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 78,580 Tare: 32,800 Net: 45,780	

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 113210020597	2. Page 1 of 1	3. Emergency Response Phone 732-613-1000	4. Manifest Tracking Number 001871778 FLE	
5. Generator's Name and Mailing Address US Dept of Army Fort Monmouth - Main Post P.O. Box 148 Chesapeake, NJ 07707			Generator's Site Address (if different than mailing address) Attn: Port Fort Monmouth, NJ 07707			
6. Transporter 1 Company Name Hornith Trucks, Inc.			U.S. EPA ID Number PA01467146/5			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address Taylor Corporation, Attn: Site #2 Landfill 4500 N. I-94 Service Drive Baltimore, MD 21114 800-507-8400			U.S. EPA ID Number MD0148010633			
Facility's Phone:						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	1.	PCB CONTAINERS, SOLID, WASTE, CLASS 9, PG III - FROM 1/1	XX1	01	20	46
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information HSD185WD1 - PCB Soil & Concrete AWT PO # 14485-MP						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name MATTHEW CREANER		Signature <i>[Signature]</i>		Month Day Year 02 02 16		
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____						
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials					
	Transporter 1 Printed/Typed Name EDDY TRC	Signature <i>[Signature]</i>		Month Day Year 02 02 16		
	Transporter 2 Printed/Typed Name	Signature		Month Day Year		
DESIGNATED FACILITY	18. Discrepancy					
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____					
	Facility's Phone: _____					
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name		Signature		Month Day Year		

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

AWT ENVIRONMENTAL SERVICES, INC.
ATTN: ACCOUNTS PAYABLE
P.O. BOX 128
SAYERVILLE, NJ 08871

Receipt ID: 1262152
EQ Account #: 1070
Manifest / BOL: 001871778FLE
Transporter: HORWITH
Date: 02/03/2016
Time In: 8:01 AM
Time Out: 9:00 AM

Line	Description Generator	Qty. Unit
1 - 1	I150185WDI - PCB Concrete	24.680 TONS
	Hazardous Surcharge Ton	24.680 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 81,240 Tare: 31,880 Net: 49,360	
2	Wayne Disposal Host Community Agreement Royalty Fee	24.680 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 81,240 Tare: 31,880 Net: 49,360	

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>1432 1002007</i>		2. Page 1 of <i>1</i>	3. Emergency Response Phone <i>732-613-1060</i>		4. Manifest Tracking Number 001871779 FLE		
		5. Generator's Name and Mailing Address <i>US Dept of Army Fort Monmouth Admin Post P.O. Box 145 Fort Monmouth, NJ 07703</i>		Generator's Site Address (if different than mailing address) <i>Fort Monmouth, NJ 07703</i>					
6. Transporter 1 Company Name <i>Horvath Trucks, Inc</i>		U.S. EPA ID Number <i>PA014871487B</i>		7. Transporter 2 Company Name		U.S. EPA ID Number			
8. Designated Facility Name and Site Address <i>Waste Disposal, Inc. 3100 W. Lenoir 49350 N. I-94 Service Drive Salem, WI 48111</i>		U.S. EPA ID Number <i>WID048060633</i>		Facility's Phone: <i>800-592-5489</i>					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
					No.	Type			
	K	1. <i>PCB UN-3432, Polychlorinated Biphenyls, Solid, Inert, Class 9, PCB II - RCRA 171</i>			<i>XX1</i>	<i>LT</i>	<i>1,000</i>	<i>KG</i>	<i>PCB1</i>
		2.							
		3.							
	4.								
14. Special Handling Instructions and Additional Information <i>1150185WDI - PCB Soil & Concrete</i> <i>AWT PO. # 14485-MP</i>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offoror's Printed/Typed Name <i>MATTHEW CREAMER</i>					Signature <i>[Signature]</i>		Month Day Year <i>02 02 16</i>		
INT'L	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials								
TRANSPORTER	Transporter 1 Printed/Typed Name <i>MICHAEL KRAJEWski</i>					Signature <i>[Signature]</i>		Month Day Year <i>02 02 16</i>	
	Transporter 2 Printed/Typed Name					Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection								
	Manifest Reference Number: _____								
	18b. Alternate Facility (or Generator)					U.S. EPA ID Number			
	Facility's Phone: _____								
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1.		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name					Signature		Month Day Year		

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

AWT ENVIRONMENTAL SERVICES, INC.
ATTN: ACCOUNTS PAYABLE
P.O. BOX 128
SAYERVILLE, NJ 08871

Receipt ID: 1262153
EQ Account #: 1070
Manifest / BOL: 001871779FLE
Transporter: HORWITH
Date: 02/03/2016
Time In: 8:09 AM
Time Out: 9:13 AM

Line	Description Generator	Qty. Unit
1 - 1	I150185WDI - PCB Concrete	25.160 TONS
	Hazardous Surcharge Ton	25.160 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 80,660 Tare: 30,340 Net: 50,320	
2	Wayne Disposal Host Community Agreement Royalty Fee	25.160 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 80,660 Tare: 30,340 Net: 50,320	

NO SALVAGING ON PREMISES

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NJ3210027507	2. Page 1 of 1	3. Emergency Response Phone 732-613-1800	4. Manifest Tracking Number 001871780 FLE			
5. Generator's Name and Mailing Address US Dept of Army Fort Monmouth - Main Post P.O. Box 140 Fort Monmouth, NJ 07707				Generator's Site Address (if different than mailing address) Main Post Fort Monmouth, NJ 07707				
6. Transporter 1 Company Name Herwith Trucks, Inc				U.S. EPA ID Number PA01448714070				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address US Army Depot, Attn: 3037, Landfill 49350 N. 1-84 Service Drive Sellersville, MI 48111 AUG 2002 5400				U.S. EPA ID Number MI0048090033				
Facility's Phone:								
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
			No.	Type				
	1.	PCB, 104-5142, Polychlorinated Biphenyls, Solid, Mixture, Class II, PO III - EX300 171	XX1	DT	20	Kg	PCB1	
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information H50185WDL PCB Soil & Concrete AWT PO. # 14485-MP								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name MATTHEW CLEMMER				Signature 		Month Day Year 02 02 16		
TRANSPORTER	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name Glen Hand				Signature 		Month Day Year 02 02 16	
	Transporter 2 Printed/Typed Name				Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection							
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____							
	Facility's Phone: _____							
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name				Signature		Month Day Year		

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

AWT ENVIRONMENTAL SERVICES, INC.
ATTN: ACCOUNTS PAYABLE
P.O. BOX 128
SAYERVILLE, NJ 08871

Receipt ID: 1262149
EQ Account #: 1070
Manifest / BOL: 001871780FLE
Transporter: HORWITH
Date: 02/03/2016
Time In: 7:56 AM
Time Out: 8:52 AM

Line	Description Generator	Qty. Unit
1 - 1	I150185WDI - PCB Concrete	22.930 TONS
	Hazardous Surcharge Ton	22.930 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 77,560 Tare: 31,700 Net: 45,860	
2	Wayne Disposal Host Community Agreement Royalty Fee	22.930 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 77,560 Tare: 31,700 Net: 45,860	

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NJ1210020597		2. Page 1 of 1	3. Emergency Response Phone 732-613-1000		4. Manifest Tracking Number 001871781 FLE	
		5. Generator's Name and Mailing Address US Dept of Army Fort Monmouth - Main Post P.O. Box 148 Camden, NJ 07757		Generator's Site Address (if different than mailing address) Main Post Fort Monmouth, NJ 07703				
6. Transporter 1 Company Name Forwith Trucks, Inc.		U.S. EPA ID Number PA0146714678						
7. Transporter 2 Company Name		U.S. EPA ID Number						
8. Designated Facility Name and Site Address 49350N 1-94 Service Drive Belleville, MI 48111 500-562-5480		U.S. EPA ID Number MI0048090533						
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
				No.	Type			
X		1. HQ, UN-3432, Polychlorinated Biphenyls, Solid, Mixture, Class 9, PG III - ERG# 171		XX1	DI	20000 E S J	KG	PCB1
		2.						
		3.						
		4.						
14. Special Handling Instructions and Additional Information 1150183V/DI - PCB Soil & Concrete AWT PO # 14485 MP								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offor's Printed/Typed Name MARSHALL CREANEK				Signature <i>[Signature]</i>		Month Day Year 02 02 10		
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name James T. Mulgrew				Signature <i>[Signature]</i>		Month Day Year 12 02 16		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection								
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____								
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name				Signature		Month Day Year		

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

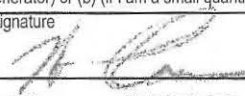
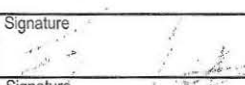
Receipt

AWT ENVIRONMENTAL SERVICES, INC.
ATTN: ACCOUNTS PAYABLE
P.O. BOX 128
SAYERVILLE, NJ 08871

Receipt ID: 1262160
EQ Account #: 1070
Manifest / BOL: 001871781FLE
Transporter: HORWITH
Date: 02/03/2016
Time In: 9:30 AM
Time Out: 10:10 AM

Line	Description Generator	Qty. Unit
1 - 1	I150185WDI - PCB Concrete	23.320 TONS
	Hazardous Surcharge Ton	23.320 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 79,300 Tare: 32,660 Net: 46,640	
2	Wayne Disposal Host Community Agreement Royalty Fee	23.320 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 79,300 Tare: 32,660 Net: 46,640	

NO SALVAGING ON PREMISES

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NJ3210020007		2. Page 1 of 1		3. Emergency Response Phone 732-813-1880		4. Manifest Tracking Number 001871782 FLE	
		5. Generator's Name and Mailing Address US Dept of Army Fort Monmouth (Area Post) P.O. Box 748 Fort Monmouth, NJ 07757 Generator's Phone: _____							
6. Transporter 1 Company Name Horwith Franks, Inc.								U.S. EPA ID Number PA0146714675	
7. Transporter 2 Company Name								U.S. EPA ID Number	
8. Designated Facility Name and Site Address Wayne Disposal, Inc. Site #2 Landfill 49350 N. I 94 Service Drive Belleville, MI 48111 Facility's Phone: 800 502-6480								U.S. EPA ID Number MI0046090833	
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
					No.	Type			
	X	1. RQ, UN-3432, Polychlorinated Biphenyls, Solid, Mixture, Class II, PG III, RCN 171			XXI	D1		KG	PCB1
		2.							
		3.							
		4.							
14. Special Handling Instructions and Additional Information 1180155WDI - PCB Soil & Concrete AWT PO. # 14405-MP									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offeror's Printed/Typed Name MATTHEW CREANE					Signature 		Month Day Year 02 02 16		
INT'L	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Peter W. Hoffman Signature  Month Day Year 12 02 16 Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____								
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Manifest Reference Number: _____								
	18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____								
	Facility's Phone: _____								
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1.		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name _____ Signature _____ Month Day Year _____									

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

AWT ENVIRONMENTAL SERVICES, INC.
ATTN: ACCOUNTS PAYABLE
P.O. BOX 128
SAYERVILLE, NJ 08871

Receipt ID: 1262159
EQ Account #: 1070
Manifest / BOL: 001871782FLE
Transporter: HORWITH
Date: 02/03/2016
Time In: 9:24 AM
Time Out: 10:05 AM

Line	Description Generator	Qty. Unit
1 - 1	I150185WDI - PCB Concrete	21.630 TONS
	Hazardous Surcharge Ton	21.630 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 75,180 Tare: 31,920 Net: 43,260	
2	Wayne Disposal Host Community Agreement Royalty Fee	21.630 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 75,180 Tare: 31,920 Net: 43,260	

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number	
					001871783 FLE	
5. Generator's Name and Mailing Address		Generator's Site Address (if different than mailing address)				
US Dept of Army Fort Monmouth, NJ 07703		Fort Monmouth, NJ 07703				
Generator's Phone:						
6. Transporter 1 Company Name		U.S. EPA ID Number				
Haworth Trucking, Inc.		PA0146714578				
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address		U.S. EPA ID Number				
Wayne Disposal, Inc. Site #2 Landfill 48350 N. I-94 Service Drive Bellefonte, PA 16811		PA0146714578				
Facility's Phone:						
610-342-6409						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
X	1. RC UN3432, Polychlorinated Biphenyls, Solid, Mixture, Class 9, PG III - ENCL 171	XXI	DI	624	kg	PC01
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information						
1150165WDL - PCB Soil & Concrete						
AWT PO. # 14465-MP						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offeror's Printed/Typed Name		Signature			Month	Day Year
MATTHEW CREMER		[Signature]			02	02 16
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name		Signature			Month	Day Year
[Signature]		[Signature]			02	02 16
Transporter 2 Printed/Typed Name		Signature			Month	Day Year
18. Discrepancy						
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
Manifest Reference Number: _____						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name		Signature			Month	Day Year

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

AWT ENVIRONMENTAL SERVICES, INC.
ATTN: ACCOUNTS PAYABLE
P.O. BOX 128
SAYERVILLE, NJ 08871

Receipt ID: 1262158
EQ Account #: 1070
Manifest / BOL: 001871783FLE
Transporter: HORWITH
Date: 02/03/2016
Time In: 9:19 AM
Time Out: 10:01 AM

Line	Description Generator	Qty. Unit
1 - 1	I150185WDI - PCB Concrete	9.030 TONS
	Hazardous Surcharge Ton	9.030 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 50,540 Tare: 32,480 Net: 18,060	
2	Wayne Disposal Host Community Agreement Royalty Fee	9.030 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 50,540 Tare: 32,480 Net: 18,060	

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NJ3210020687		2. Page 1 of 1		3. Emergency Response Phone 732-613-1600		4. Manifest Tracking Number 011852563 JJK				
		5. Generator's Name and Mailing Address US Dept of Army Fort Monmouth - Main Post P.O. Box 140 Cranston, NJ 07767		Generator's Site Address (if different than mailing address) Main Post Fort Monmouth, NJ 07703								
Generator's Phone:		6. Transporter 1 Company Name Fitchell College Inc						U.S. EPA ID Number NJ.D05-112616-1				
		7. Transporter 2 Company Name						U.S. EPA ID Number				
8. Designated Facility Name and Site Address Waste Disposal, Inc. 2000 W. Lumbert 40350 N. 104 Service Drive Belleville, NJ 08111								U.S. EPA ID Number MD0318000633				
Facility's Phone:												
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
						No.	Type					
	A	1. PCB 04-3432, Polychlorinated Biphenyls, Solid, Mixture, Class 3, PCB III - ERGN 171 Truck # 796				AKT	CM	30,000	Kg	PC81		
		2.										
		3.										
	4.											
14. Special Handling Instructions and Additional Information 115018-0001 - PCB Solid & Concrete AWT PG # 14485-MP												
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offor's Printed/Typed Name William R. Colvin for US Army						Signature <i>[Signature]</i>		Month 08	Day 01	Year 16		
INT'L	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____											
	Transporter signature (for exports only): _____											
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials											
	Transporter 1 Printed/Typed Name Robert Mancini						Signature <i>[Signature]</i>		Month 09	Day 01	Year 16	
	Transporter 2 Printed/Typed Name						Signature		Month	Day	Year	
DESIGNATED FACILITY	18. Discrepancy											
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection											
	Manifest Reference Number: _____											
	18b. Alternate Facility (or Generator)								U.S. EPA ID Number			
	Facility's Phone: _____											
	18c. Signature of Alternate Facility (or Generator)								Month	Day	Year	
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
	1.		2.		3.		4.					
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
	Printed/Typed Name						Signature		Month	Day	Year	

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

AWT ENVIRONMENTAL SERVICES, INC.
ATTN: ACCOUNTS PAYABLE
P.O. BOX 128
SAYERVILLE, NJ 08871

Receipt ID: 1266731
EQ Account #: 1070
Manifest / BOL: 011852563.IJK
Transporter: FCI
Date: 08/02/2016
Time In: 8:58 AM
Time Out: 10:19 AM

Line	Description Generator	Qty. Unit
1 - 1	I150185WDI - PCB Concrete	20 360 TONS
	Hazardous Surcharge Ton	20 350 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 78,020 Tare: 37,300 Net: 40,720	
2	Wayne Disposal Host Community Agreement Royalty Fee	20 360 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 78,020 Tare: 37,300 Net: 40,720	

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NJ3210020597		2. Page 1 of 1		3. Emergency Response Phone 732-613-1800		4. Manifest Tracking Number 011852564 JJK			
		5. Generator's Name and Mailing Address US Dept of Army-Fort Monmouth - Main Post P O Box 148 Oceanport, NJ 07757		Generator's Site Address (if different than mailing address) Main Post Fort Monmouth, NJ 07703							
6. Transporter 1 Company Name Freehold Cartage Inc.		U.S. EPA ID Number NJD 054126164									
7. Transporter 2 Company Name		U.S. EPA ID Number									
8. Designated Facility Name and Site Address Wayne Disposal, Inc. Site #2 Landfill 48330 N. 1-94 Service Drive Belleville, MI 48111		U.S. EPA ID Number MI00048000032									
Facility's Phone: 800-562-5460											
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
						No.	Type				
	1. RC, UN-3432, Polychlorinated Biphenyls, Solid, Mixture, Class 9, PG III - ERG# 171	2001	CM	20,000	Kg	PCB1					
	Truck # 895 Box										
	2.										
3.											
4.											
14. Special Handling Instructions and Additional Information 1150155WDI - PCB Soil & Concrete AWT PO # 14485-MP Truck # 895 Box # 0605											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offor's Printed/Typed Name William K. Colvin					Signature William K. Colvin			Month Day Year 08 01 16			
INT'L	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
	Transporter signature (for exports only): _____										
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials										
	Transporter 1 Printed/Typed Name Freehold Cartage Inc.					Signature Freehold Cartage Inc.			Month Day Year 08 01 16		
	Transporter 2 Printed/Typed Name					Signature			Month Day Year		
DESIGNATED FACILITY	18. Discrepancy										
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection										
	Manifest Reference Number: _____										
	18b. Alternate Facility (or Generator) U.S. EPA ID Number										
	Facility's Phone: _____										
18c. Signature of Alternate Facility (or Generator)								Month Day Year			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1.			2.			3.			4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name					Signature			Month Day Year			

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

AWT ENVIRONMENTAL SERVICES, INC.
ATTN: ACCOUNTS PAYABLE
P.O. BOX 128
SAYERVILLE, NJ 08871

Receipt ID: 1267113
EQ Account #: 1070
Manifest / BOL: 011852564JJK
Transporter: FCI
Date: 08/10/2016
Time In: 3:22 PM
Time Out: 4:26 PM

Line	Description Generator	Qty. Unit
1 - 1	I150185WDI - PCB Concrete	20 950 TONS
	Hazardous Surcharge Ton	20 950 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 78,980 Tare: 37,080 Net: 41,900	
2	Wayne Disposal Host Community Agreement Royalty Fee	20 950 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 78,980 Tare: 37,080 Net: 41,900	

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NJ3210070047		2. Page 1 of 1		3. Emergency Response Phone 732-413-1600		4. Manifest Tracking Number 011852565 JJK				
		5. Generator's Name and Mailing Address US Dept of Army Fort Monmouth - Main Post P.O. Box 140 Chesapeake, NJ 07757		Generator's Site Address (if different than mailing address) Main Post Fort Monmouth, NJ 07703								
6. Transporter 1 Company Name <i>Freemold Cartage Inc. (FRI)</i>		U.S. EPA ID Number <i>NJD 054126164</i>		7. Transporter 2 Company Name <i>NA</i>		U.S. EPA ID Number <i>NA</i>		8. Designated Facility Name and Site Address Wynne Industrial, Inc. Site #1 Landfill 10301 N 1st Service Drive Frederick, MD 20111				
Facility's Phone: <i>800-502-5400</i>		U.S. EPA ID Number <i>MD0000000000</i>										
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
						No.	Type					
	1.	PCB LAY 3452, TRANSFORMER OIL, PCB, HAZARDOUS CLASS 9, PG III EPA# 171				XXI	CM	30,000	Kg	PCB1		
	2.											
	3.											
	4.											
14. Special Handling Instructions and Additional Information <i>Truck # 76, Trailer # 405</i> <i>AWI PO # 14415-MP</i> <i>TLX # 9450</i>												
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offoror's Printed/Typed Name <i>William S. Smith</i>						Signature <i>William S. Smith</i>		Month <i>08</i>		Day <i>03</i>		
								Year <i>16</i>				
INT'L	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____											
	17. Transporter Acknowledgment of Receipt of Materials											
TRANSPORTER	Transporter 1 Printed/Typed Name <i>Freemold Cartage Inc.</i>						Signature <i>Freemold Cartage Inc.</i>		Month <i>08</i>		Day <i>03</i>	
									Year <i>16</i>			
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name <i>NA</i>						Signature <i>NA</i>		Month <i>NA</i>		Day <i>NA</i>	
									Year <i>NA</i>			
18. Discrepancy												
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection												
Manifest Reference Number: _____												
18b. Alternate Facility (or Generator) U.S. EPA ID Number _____												
Facility's Phone: _____												
18c. Signature of Alternate Facility (or Generator) _____												
Month _____ Day _____ Year _____												
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
1. _____			2. _____			3. _____			4. _____			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a												
Printed/Typed Name <i>William S. Smith</i>						Signature <i>William S. Smith</i>		Month <i>08</i>		Day <i>03</i>		
								Year <i>16</i>				

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

AWT ENVIRONMENTAL SERVICES, INC
ATTN: ACCOUNTS PAYABLE
P.O. BOX 128
SAYERVILLE, NJ 08871

Receipt ID: 1267046
EQ Account #: 1070
Manifest / BOL: 011852565JJK
Transporter: FCI
Date: 08/09/2016
Time In: 1:42 PM
Time Out: 2:42 PM

Line	Description Generator	Qty.	Unit
1 - 1	1150185WDI - PCB Concrete	21.020	TONS
	Hazardous Surcharge Ton	21.020	TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST		
	Gross: 78,600 Tare: 36,560 Net: 42,040		
2	Wayne Disposal Host Community Agreement Royalty Fee	21.020	TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST		
	Gross: 78,600 Tare: 36,560 Net: 42,040		

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>MTD 10020502</i>		2. Page 1 of <i>1</i>		3. Emergency Response Phone <i>733.613.4050</i>		4. Manifest Tracking Number 011852566 JJK		
		5. Generator's Name and Mailing Address <i>US Dept of Army Fort Monmouth - Main Post P.O. Box 143 Oceanport, NJ 07757</i>		Generator's Site Address (if different than mailing address) <i>Main Post Fort Monmouth, NJ 07703</i>						
6. Transporter 1 Company Name <i>Freehold Crtyge Inc. (FCT)</i>		U.S. EPA ID Number <i>MTD 054126114</i>								
7. Transporter 2 Company Name <i>MTD</i>		U.S. EPA ID Number <i>MTD04800053</i>								
8. Designated Facility Name and Site Address <i>Wayne Disposal Inc Site #2 Landfill 40350N 1-94 Service Drive Belleville, NJ 07004</i>		U.S. EPA ID Number <i>MTD04800053</i>								
Facility's Phone: <i>800 592-5400</i>										
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
						No.	Type			
	X	1. HCL UN 3492, Polychlorinated Biphenyls, Solid, Mixture, Class 9, PG III - LRC# 171				XX1	CM	20,000	Kg	PCB1
		2.								
		3.								
	4.									
14. Special Handling Instructions and Additional Information <i>1. HCL UN 3492 - PCBs Solid & Consolids AWI PO # 14405 MP</i>										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offoror's Printed/Typed Name <i>William R. C. G. W.</i>					Signature <i>William R. C. G. W.</i>			Month <i>08</i>	Day <i>03</i>	Year <i>16</i>
TRANSPORTER	16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials									
	Transporter 1 Printed/Typed Name <i>Wayne Disposal Inc</i>					Signature <i>Wayne Disposal Inc</i>			Month <i>08</i>	Day <i>03</i>
Transporter 2 Printed/Typed Name					Signature			Month	Day	Year
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
	Manifest Reference Number: _____									
	18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____									
	Facility's Phone: _____									
18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1.		2.		3.		4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name					Signature			Month	Day	Year

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

AWT ENVIRONMENTAL SERVICES, INC.
ATTN: ACCOUNTS PAYABLE
P.O. BOX 128
SAYERVILLE, NJ 08871

Receipt ID: 1267058
EQ Account #: 1070
Manifest / BOL: 011852566JJK
Transporter: FCI
Date: 08/09/2016
Time In: 4:18 PM
Time Out: 5:03 PM

Line	Description Generator	Qty. Unit
1 - 1	1150185WDI - PCB Concrete	20.300 TONS
	Hazardous Surcharge Ton	20.300 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 77,720 Tare: 37,120 Net: 40,600	
2	Wayne Disposal Host Community Agreement Royalty Fee	20.300 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 77,720 Tare: 37,120 Net: 40,600	

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>NJ3210020697</i>		2. Page 1 of <i>1</i>	3. Emergency Response Phone <i>732.813.1000</i>		4. Manifest Tracking Number 011852570 JJK	
		5. Generator's Name and Mailing Address <i>US Dept of Army-Fort Monmouth - Main Post P.O. Box 148 Oceanport, NJ 07757</i>		Generator's Site Address (if different than mailing address) <i>Main Post Fort Monmouth, NJ 07703</i>				
6. Transporter 1 Company Name <i>Freehold Cartage Inc. (FCI)</i>		U.S. EPA ID Number <i>NJD 054126164</i>						
7. Transporter 2 Company Name		U.S. EPA ID Number						
8. Designated Facility Name and Site Address <i>Wayne Disposal, Inc. Site #2 Landfill 48350 N. I-94 Service Drive Belleville, MI 48111</i>		U.S. EPA ID Number <i>MI0048090833</i>						
Facility's Phone: <i>800-592-5489</i>								
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
<i>X</i>	<i>1. RQ, UN-3432, Polychlorinated Biphenyls, Solid, Mixture, Class 9, PG III - ERG# 171</i>	<i>XX1</i>	<i>CM</i>	<i>18,000</i>	<i>Kg</i>	<i>PCB1</i>		
	<i>2.</i>							
	<i>3.</i>							
	<i>4.</i>							
14. Special Handling Instructions and Additional Information <i>1150185WDI - PCB Soil & Concrete Truck # 895 Trailer # 4445 AWT PO # 14485-MP Box # 0714</i>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name <i>William R. Colvin</i>		Signature <i>William R. Colvin</i>			Month Day Year <i>08 03 16</i>			
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <i>Dennis Wolf</i>		Signature <i>Dennis Wolf</i>			Month Day Year <i>08 03 16</i>			
Transporter 2 Printed/Typed Name		Signature			Month Day Year			
18. Discrepancy								
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection								
Manifest Reference Number: _____								
18b. Alternate Facility (or Generator)		U.S. EPA ID Number						
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator)						Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name		Signature			Month Day Year			

Wayne Disposal, Inc.
49350 North I-94 Service Drive, Belleville, Michigan 48111

Receipt

AWT ENVIRONMENTAL SERVICES, INC.
ATTN: ACCOUNTS PAYABLE
P.O. BOX 128
SAYERVILLE, NJ 08871

Receipt ID: 1266872
EQ Account #: 1070
Manifest / BOL: 011852570JJK
Transporter: FCI
Date: 08/04/2016
Time In: 4:38 PM
Time Out: 5:54 PM

Line	Description Generator	Qty. Unit
1 - 1	I150185WDI - PCB Concrete	21.050 TONS
	Hazardous Surcharge Ton	21.050 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 79,020 Tare: 36,920 Net: 42,100	
2	Wayne Disposal Host Community Agreement Royalty Fee	21.050 TONS
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST	
	Gross: 79,020 Tare: 36,920 Net: 42,100	

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NJ3210020597	2. Page 1 of 1	3. Emergency Response Phone 732-613-1660	4. Manifest Tracking Number 011852576 JJK	
5. Generator's Name and Mailing Address US Dept of Army-Fort Monmouth - Main Post P.O. Box 148 Oceanport, NJ 07757			Generator's Site Address (if different than mailing address) Main Post Fort Mounmouth, NJ 07703			
6. Transporter 1 Company Name Maumee Express, Inc.			U.S. EPA ID Number NJD986607380			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address Cycle Chem, Inc. 217 South First Street Elizabeth, NJ 07206 908-355-5800			U.S. EPA ID Number NJ0002200046			
9a. HM			9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers	11. Total Quantity
				No.	Type	12. Unit WL/Vol
X	1. UN-2315 - Polychlorinated Biphenyls - Liquid, Class 9, PG II		16	DM	5,600	X P
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information PCB Contaminated Water 90-100%, Sol/Debris 0-10% AWT P.O. # 14485-MP						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offero's Printed/Typed Name William R. Colvin for US Army				Signature <i>William R. Colvin for US Army</i>		Month Day Year 08 29 16
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name M. Anderson				Signature <i>M. Anderson</i>		Month Day Year 8 29 16
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy						
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection 14-1) 2545 14-1) R 14-1) 058 8/29/16 732 3835140						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. H111		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 19a				Month Day Year		
Printed/Typed Name R. Gibson				Signature <i>R. Gibson</i>		08 29 16