DEPARTMENT OF THE ARMY



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

12 June 2017

Ms. Linda Range New Jersey Department of Environmental Protection Case Manager Bureau of Southern Field Operations 401 East State Street, 5th Floor PO Box 407 Trenton, NJ 08625

Subject:

Request for No Further Action Determination at Building 283 Squire Hall

Fort Monmouth, New Jersey

PI G000000032

Enclosures:

A. Figures:

a. Figure 1: Main Post Layout

b. Figure 2: Building 283 Squire Hall Soil Results

B. Tables:

a. Table 1: 2007 and 2016 Detected Soil Analytes at Building 283

b. Table 2: 2017 Background Soil Sample Results

C. Letter Report: Excavation at Parcels 49 and 57

D. 2017 Analytical Data Package

E. Regulatory Correspondence

Dear Ms. Range:

The U.S. Army Fort Monmouth (FTMM) Team has completed site restoration activities in the immediate vicinity of Building 283 Squire Hall at Fort Monmouth. Building 283 is located in the north-central portion of the Main Post (see Figure 1) within Environmental Condition of Property (ECP) Parcel 49. Multiple rounds of soil sampling were performed near Building 283 in 2007 and 2016 (see Table 1 and Figure 2) and site restoration activities were conducted in July 2016 (see Attachment C) and May 2017 to unearth soils that were not suitable for redevelopment and repair property damaged by previous site investigation activities. The Army is committed to maintaining good stewardship of the environment and therefore all unearthed soils were containerized and characterized for proper disposal. Background samples were collected after site restoration activities to document existing site conditions (see Table 2 and Attachment D). All background soil sample constituents were less than the New Jersey Department of Environmental Protection (NJDEP) Residential Direct Contact Soil Remediation Standards (RDCSRSs). Therefore, a No Further Action (NFA) determination is requested for Building 283.

Linda S. Range, NJDEP Request for NFA Determination for Building 283 Squire Hall 12 June 2017 Page 2 of 4

Following is a summary of the site restoration activities at Building 283 Squire Hall:

- Soil was unearthed and background sample BKG-283-001 was collected outside of a doorway in the southwest corner of the Building 283 courtyard (Figure 2). Results from previous sampling at sample P49-SS8 (US Army BRAC, 2008) encountered multiple polynuclear aromatic hydrocarbons (PAHs) and Aroclor-1260 (a polychlorinated biphenyl [PCB]) in excess of RDCSRSs (Table 1). Subsequent re-sampling in 2016 (PAR-49-SB-04) confirmed the RDCSRS exceedance of PAHs and PCBs at this location (Table 1). The presence of the Building 283 crawl space and foundations to a depth of approximately 6 feet (ft) below ground surface (bgs) to the west and south of this location further constrains the extent of this occurrence (as discussed in NJDEP, 2016 in Attachment E). A 5 ft by 6 ft by 3 ft deep volume of soil was initially excavated from this area in July 2016 to address the PCBs in soil (see the Parcel 49 discussion in Attachment C); however, PAHs were not included in the confirmation sample analyses. Therefore, an additional 11 ft by 11 ft by 3 ft deep volume of soil was unearthed from this location in May 2017. Background sample BKG-283-001 was collected from the bottom of the excavation and analyzed for PCBs, semivolatile organics (SVOCs; including PAHs) and Total Petroleum Hydrocarbons (TPH); none of the analytes were detected in the background sample (Table 2).
- Soil was unearthed and background sample BKG-283-002 was collected outside of a doorway in the northern portion of the Building 283 courtyard (Figure 2). Results from previous sampling at sample P49-SS7 (US Army BRAC, 2008) encountered PAHs and the PCB Aroclor-1260 in excess of RDCSRSs. Subsequent re-sampling in 2016 (PAR-49-SB-03) indicated no exceedances of the RDCSRSs at this location. Although the RDCSRS exceedances were not confirmed, site restoration activities were conducted at this location to address any uncertainty regarding suitability of soils at Building 283 for re-development. A 5 ft by 5 ft by 3 ft deep volume of soil was unearthed from this area in May 2017. Background sample BKG-283-002 was collected at depth and analyzed for PCBs, SVOCs and TPH; results were less than the RDCSRS for all analytes (Table 2).
- Soil was unearthed and background sample BKG-283-003 was collected near a loading dock at the eastern wing of Building 283 (Figure 2). Results from previous sampling at sample P49-SB3 (US Army BRAC, 2008) encountered PAHs and the PCB Aroclor-1260 in excess of RDCSRSs. Subsequent re-sampling in 2016 (PAR-49-SB-05) indicated no exceedances of the RDCSRSs at this location. Although the RDCSRS exceedances were not confirmed, site restoration activities were conducted at this location to address any uncertainty regarding suitability of Building 283 for re-development. A 5 ft by 5 ft by 3 ft deep volume of soil was unearthed from this area in May 2017. Background sample BKG-283-003 was collected at depth and analyzed for PCBs, SVOCs and TPH; none of the analytes were detected in the background sample (Table 2).
- Soil was unearthed and background sample BKG-283-004 was collected near a loading dock at the western wing of Building 283 (Figure 2). Results from previous sampling at sample P49-SB4 (US Army BRAC, 2008) encountered PAHs in excess of RDCSRSs. Subsequent re-sampling in 2016 (PAR-49-SB-02) did not confirm the exceedance of RDCSRSs at this location. However, one PAH from the 16.0 to 16.5 ft bgs interval

Linda S. Range, NJDEP Request for NFA Determination for Building 283 Squire Hall 12 June 2017 Page **3** of **4**

slightly exceeded the RDCSRS; this result was considered anomalous as previously described (Parsons, 2016; approved by NJDEP, 2017b). Although the RDCSRS exceedances were not confirmed, site restoration activities were conducted at this location to address any uncertainty regarding suitability of soils at Building 283 for redevelopment. A 5 ft by 5 ft by 3 ft deep volume of soil was unearthed from this area in May 2017. Background sample BKG-283-004 was collected from the bottom of the excavation and analyzed for PCBs, SVOCs and TPH; none of the analytes were detected in the background sample (Table 2).

- The previous 2007 and 2016 analytical results (Table 1) from the following soil samples (Figure 2) also demonstrate the general suitability of soils near Building 283 for redevelopment, because no analytes were detected above RDCSRSs:
 - o Boring P49-SB2, located northwest of Building 283;
 - o Soil sample PAR-49-SB-11, located east of Building 283; and
 - o Soil sample PAR-49-SB-12, located within the Building 283 courtyard.

Proof of proper disposal for the soil that was unearthed and containerized in May 2017 will be submitted to NJDEP when available. Environmental concerns for the remaining portion of Parcel 49 exclusive of Building 283 (as discussed in Parsons, 2016) will be addressed under separate cover. It should be noted that the Installation Restoration Program (IRP) site FTMM-61, which is historically associated with Building 283, was previously approved for NFA by NJDEP (2017a).

A NFA determination is requested for Building 283. The technical Point of Contact (POC) for this matter is Kent Friesen at (732) 383-7201 or kent.friesen@parsons.com. Should you have any questions or require additional information, please contact me by phone at (732) 380-7064 or by email at william.r.colvin18.civ@mail.mil.

Sincerely,

William R. Colvin, PMP, CHMM, PG BRAC Environmental Coordinator

William Rollin

cc: Linda Range, NJDEP (2 hard copies)
Joseph Pearson, Calibre (e-mail)
James Moore, USACE (e-mail)
Jim Kelly, USACE (e-mail)
Cris Grill, Parsons (e-mail)

References Cited:

Linda S. Range, NJDEP Request for NFA Determination for Building 283 Squire Hall 12 June 2017 Page 4 of 4

- New Jersey Department of Environmental Quality (NJDEP). 2017a. Approval Letter to William Colvin, Re: *Remedial Action Type: Unrestricted Use. Scope of Remediation: Area of Concern: FTMM-61 aka Building 283 Former Gasoline UST, Monmouth County.* May 4. (Provided in Attachment E).
- NJDEP. 2017b. Letter to William Colvin, Re: *December 2016 Letter Work Plan Addendum for Parcel 49, Former Squier Laboratory and other facilities, Fort Monmouth, Oceanport, Monmouth County.* January 10. (Provided in Attachment E).
- NJDEP. 2016. Letter to William Colvin, Re: *Response to NJDEP Comments on Parcel 49 Revised LWPA, Fort Monmouth, Oceanport, Monmouth County.* August 15. (Provided in Attachment E).
- Parsons. 2016. December 2016 Letter Work Plan Addendum for Parcel 49, Former Squier Laboratory and other facilities, Fort Monmouth, New Jersey. December 28. (Provided in Attachment E).
- United States (US) Army Base Realignment and Closure (BRAC). 2008. *Site Investigation Report, Fort Monmouth.* Final. July 21.



New Jersey Department of Environmental Protection Site Remediation Program

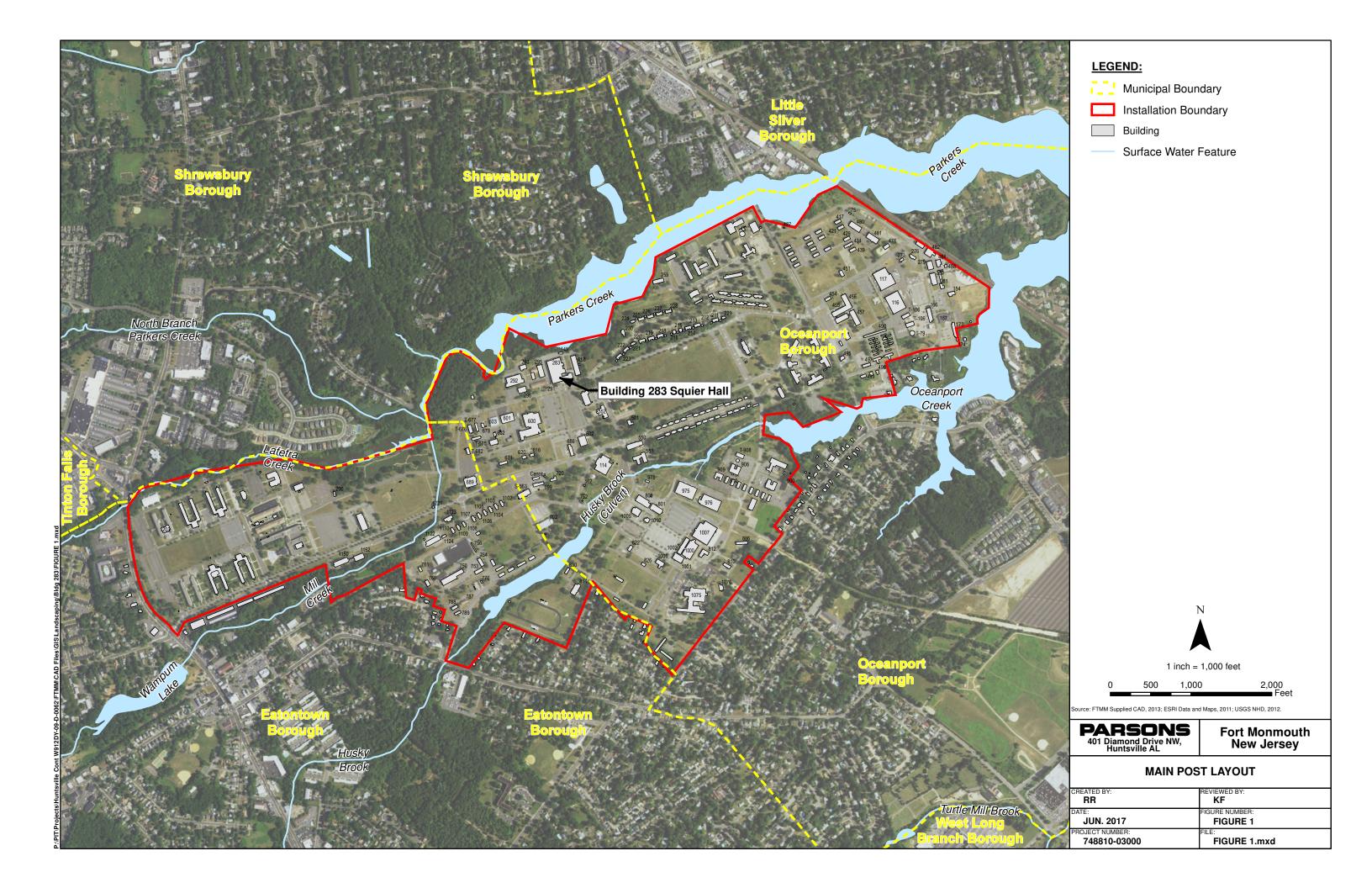
Report Certifications for RCRA GPRA 2020, CERCLA, and Federal Facility Sites

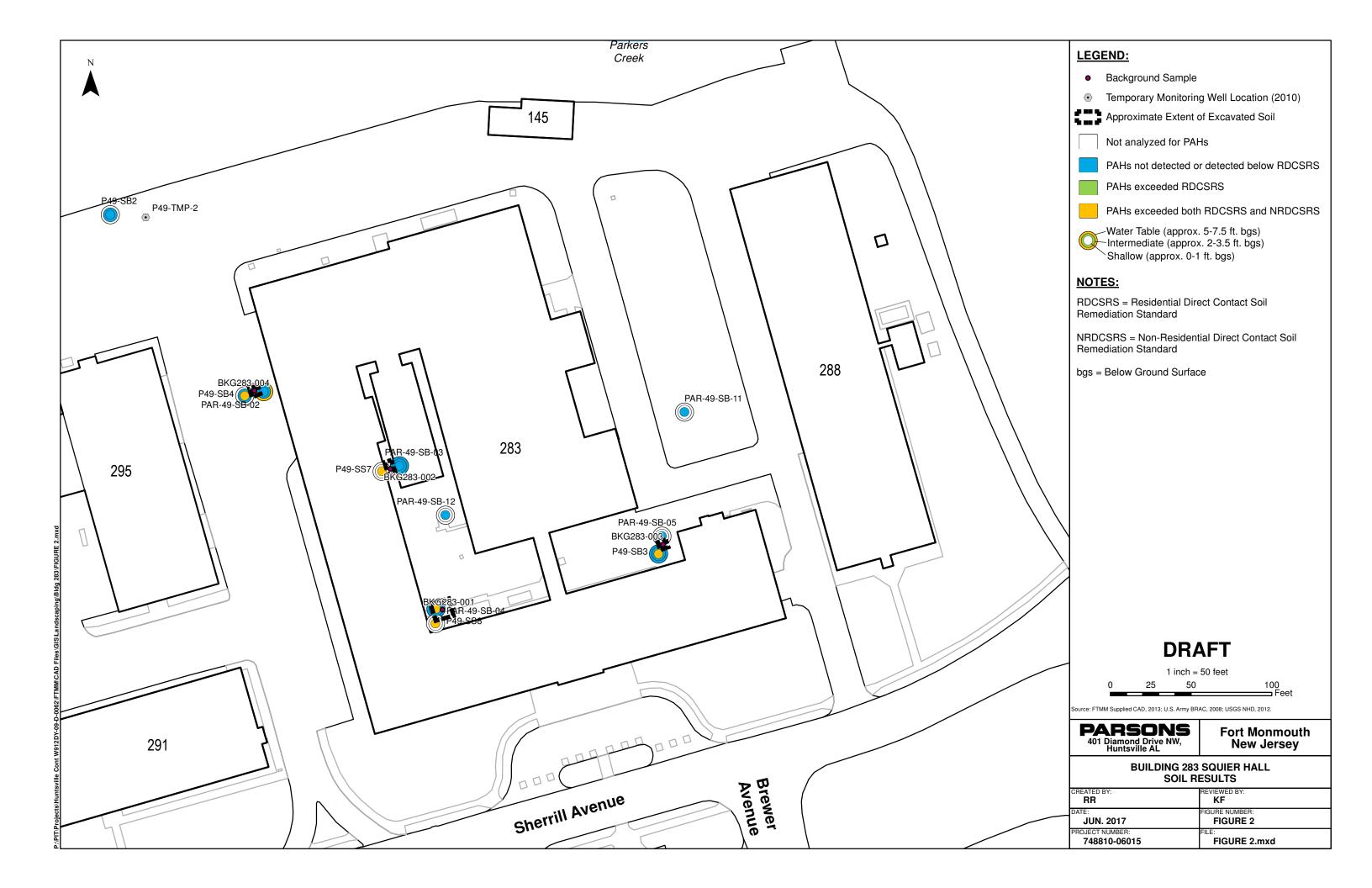
These certifications are to be used for reports submitted for RCRA GPRA 2020, CERCLA, and Federal Facility Sites. The Department has developed guidance for report certifications for RCRA GPRA 2020, CERCLA, and Federal Facility Sites under traditional oversight. The "Person Responsible for Conducting the Remediation Information and Certification" is required to be submitted with each report. For those sites that are required or opt to use a Licensed Site Remediation Professional (LSRP) the report must also be certified by the LSRP using the "Licensed Site Remediation Professional Information and Statement". For additional guidance regarding the requirement for LSRPs at RCRA GPRA 2020, CERCLA and Federal Facility Sites see http://www.nj.gov/dep/srp/srra/training/matrix/quick_ref/rcra_cercla_fed_facility_sites.pdf.

Document: "Request for No Further Action Determination at Building 283 Squire Hall, Fort Monmouth, New Jersey"

PERSON RESPONSIBLE FOR CONDUCTING THE REP	VIEDIAT	TON INFORMATION AN	ND CERTIFICATION
Full Legal Name of the Person Responsible for Conductin	g the R	emediation: William F	R. Colvin
Representative First Name: William		presentative Last Name:	Colvin
Title: BRAC Environmental Coordinator			
Phone Number: (732) 380-7064	Ext:		Fax:
Mailing Address: P.O. Box 148			
City/Town: Oceanport	State:	NJ Z	Zip Code: _07757
Email Address: william.r.colvin18.civ@mail.mil			
This certification shall be signed by the person responsible	e for co	nducting the remediation	who is submitting this notification
in accordance with Administrative Requirements for the R	emedia	tion of Contaminated Sit	es rule at N.J.A.C. 7:26C-1.5(a).
I certify under penalty of law that I have personally examinincluding all attached documents, and that based on my in the information, to the best of my knowledge, I believe that aware that there are significant civil penalties for knowing am committing a crime of the fourth degree if I make a write aware that if I knowingly direct or authorize the violation of Signature: Name/Title: William R. Colvin / BRAC Environmental	nquiry o at the su ly subm itten fals	f those individuals imme ibmitted information is tru itting false, inaccurate or se statement which I do i	diately responsible for obtaining ue, accurate and complete. I am r incomplete information and that I not believe to be true. I am also
Coordinator			

Attachment A Figures





Attachment B Tables

TABLE 1
2007 AND 2016 DETECTED SOIL ANALYTES AT BUILDING 283 AND
COMPARISON TO SOIL REMEDIATION STANDARDS
BUILDING 283
FORT MONMOUTH, NEW JERSEY

Loc ID	NJ Residential	NJ Non- Residential	NJ Impact to GW Soil		P49-SB2			P49-SB3			P49-SB4	
Sample ID	Direct	Direct	Screening	P49-SB2-A	P49-SB2-B	P49-SB2-C	P49-SB3-A	P49-SB3-B	P49-SB3-C	P49-SB4-A	P49-SB4-B	P49-SB4-C
Sample Depth Interval (ft bgs)	Contact SRS	Contact SRS	Level	0.5-1	1.5-2	9-9.5	0-0.5	1.5-2	3.5-4	0.5-1	1.5-2	8-8.5
Sample Date	1			12/7/2007	12/7/2007	12/7/2007	12/7/2007	12/7/2007	12/7/2007	12/7/2007	12/7/2007	12/7/2007
Semivolatile Organic Compounds (mg	g/kg)											
1-Methylnaphthalene	NLE	NLE	NLE	NA								
2-Methylnaphthalene	230	2,400	8	< 1.1	NA	< 1.3	< 1.2	NA	< 1.2	0.098 J	NA	< 1.3
4-Methylphenol	31	340	NLE	< 1.1	NA	< 1.3	< 1.2	NA	< 1.2	< 1.1	NA	< 1.3
Acenaphthene	3,400	37,000	110	< 1.1	NA	< 1.3	< 1.2	NA	< 1.2	< 1.1	NA	< 1.3
Acenaphthylene	NLE	300,000	NLE	< 1.1	NA	< 1.3	< 1.2	NA	< 1.2	0.92 J	NA	< 1.3
Anthracene	17,000	30,000	2,400	< 1.1	NA	< 1.3	0.1 J	NA	0.034 J	0.37 J	NA	< 1.3
Benzo(a)anthracene	0.6	2	0.8	< 1.1	NA	< 1.3	0.55 J	NA	0.11 J	2.5	NA	< 1.3
Benzo(a)pyrene	0.2	0.2	0.2	< 1.1	NA	< 1.3	0.44 J	NA	< 1.2	2.2	NA	< 1.3
Benzo(b)fluoranthene	0.6	2	2	< 1.1	NA	< 1.3	0.67 J	NA	0.12 J	2.8	NA	< 1.3
Benzo(ghi)perylene	380,000	30,000	NLE	< 1.1	NA	< 1.3	< 1.2	NA	< 1.2	0.9 J	NA	< 1.3
Benzo(k)fluoranthene	6	23	25	< 1.1	NA	< 1.3	0.26 J	NA	0.047 J	0.89 J	NA	< 1.3
Bis(2-Ethylhexyl)phthalate	35	140	1,200	< 1.1	NA	< 1.3	0.45 J	NA	0.13 J	< 1.1	NA	< 1.3
Butyl benzyl phthalate	1,200	14,000	230	< 1.1	NA	< 1.3	1.8	NA	0.25 J	< 1.1	NA	< 1.3
Chrysene	62	230	80	< 1.1	NA	< 1.3	0.61 J	NA	0.13 J	3.5	NA	< 1.3
Dibenz(a,h)anthracene	0.2	0.2	0.8	< 1.1	NA	< 1.3	< 1.2	NA	< 1.2	< 1.1	NA	< 1.3
Dibenzofuran	NLE	NLE	NLE	< 1.1	NA	< 1.3	< 1.2	NA	< 1.2	< 1.1	NA	< 1.3
Di-n-butylphthalate	6,100	68,000	760	0.42 JB	NA	1.1 JB	0.81 JB	NA	8.5 B	1.8 B	NA	0.94 JB
Fluoranthene	2,300	24,000	1,300	< 1.1	NA	< 1.3	1 J	NA	0.22 J	1.5	NA	< 1.3
Fluorene	2,300	24,000	170	< 1.1	NA	< 1.3	< 1.2	NA	< 1.2	0.13 J	NA	< 1.3
Indeno(1,2,3-cd)pyrene	0.6	2	7	< 1.1	NA	< 1.3	0.16 J	NA	< 1.2	0.68 J	NA	< 1.3
Naphthalene	6	17	25	< 1.1	NA	< 1.3	< 1.2	NA	< 1.2	0.1 J	NA	< 1.3
Phenanthrene	NLE	300,000	NLE	< 1.1	NA	< 1.3	0.5 J	NA	0.21 J	0.23 J	NA	< 1.3
Pyrene	1,700	18,000	840	< 1.1	NA	< 1.3	1 J	NA	0.21 J	4.8	NA	< 1.3
Pesticides & PCBs (mg/kg)												
Aroclor-1260	0.2	1	NLE	< 0.0042	NA	< 0.0041	0.34	NA	0.1	< 0.0039	NA	< 0.004
Aroclor-1268	0.2	1	NLE	NA								

TABLE 1
2007 AND 2016 DETECTED SOIL ANALYTES AT BUILDING 283 AND
COMPARISON TO SOIL REMEDIATION STANDARDS
BUILDING 283
FORT MONMOUTH, NEW JERSEY

Loc ID	NJ Residential	NJ Non- Residential	NJ Impact to GW Soil	P49·			-SS8		SB02	
Sample ID	Direct	Direct	Screening	P49-SS7-A	P49-SS7-B	P49-SS8-A	P49-SS8-B	PAR-49-SS-SB-02-1-1.5	PAR-49-SS-SB-02-16-16.5	PAR-49-SS-SB-02-3.3-3.8
Sample Depth Interval (ft bgs)	Contact SRS	Contact SRS	Level	0-0.5	1.5-2	0-0.5	1.5-2	1-1.5	16-16.5	3.3-3.8
Sample Date				12/6/2007	12/6/2007	12/6/2007	12/6/2007	3/30/2016	3/30/2016	3/30/2016
Semivolatile Organic Compounds (n	ng/kg)									
1-Methylnaphthalene	NLE	NLE	NLE	NA	NA	NA	NA	< 0.0072	0.04	< 0.0082
2-Methylnaphthalene	230	2,400	8	4.4	NA	0.13 J	NA	< 0.0072	0.059	< 0.0082
4-Methylphenol	31	340	NLE	0.32 J	NA	< 1.2	NA	NA	NA	NA
Acenaphthene	3,400	37,000	110	20 JD	NA	0.66 J	NA	< 0.0072	0.005 J	< 0.0082
Acenaphthylene	NLE	300,000	NLE	0.45 J	NA	0.048 J	NA	< 0.0072	0.18	< 0.0082
Anthracene	17,000	30,000	2,400	46 JD	NA	1.8	NA	< 0.0072	0.14	< 0.0082
Benzo(a)anthracene	0.6	2	0.8	80 D	NA	3.6	NA	0.0052 J	0.3	0.0026 J
Benzo(a)pyrene	0.2	0.2	0.2	54 JD	NA	2.6	NA	0.0042 J	0.3	< 0.0082
Benzo(b)fluoranthene	0.6	2	2	75 D	NA	3.9	NA	0.0055 J	0.32	< 0.0082
Benzo(ghi)perylene	380,000	30,000	NLE	16 JD	NA	0.84 J	NA	0.0045 J	0.26	< 0.0082
Benzo(k)fluoranthene	6	23	25	29 JD	NA	1.5	NA	0.0023 J	0.11	< 0.0082
Bis(2-Ethylhexyl)phthalate	35	140	1,200	< 1.1	NA	0.69 J	NA	NA	NA	NA
Butyl benzyl phthalate	1,200	14,000	230	0.67 J	NA	0.52 J	NA	NA	NA	NA
Chrysene	62	230	80	79 D	NA	3.7	NA	0.0043 J	0.43	< 0.0082
Dibenz(a,h)anthracene	0.2	0.2	0.8	2.6	NA	0.34 J	NA	< 0.0072	0.053	< 0.0082
Dibenzofuran	NLE	NLE	NLE	12	NA	0.39 J	NA	NA	NA	NA
Di-n-butylphthalate	6,100	68,000	760	< 1.1	NA	0.63 JB	NA	NA	NA	NA
Fluoranthene	2,300	24,000	1,300	190 D	NA	9	NA	0.0052 J	0.27	< 0.0082
Fluorene	2,300	24,000	170	17 JD	NA	0.64 J	NA	< 0.0072	0.024	< 0.0082
Indeno(1,2,3-cd)pyrene	0.6	2	7	18 JD	NA	0.93 J	NA	0.0041 J	0.18	< 0.0082
Naphthalene	6	17	25	11	NA	0.28 J	NA	< 0.0072	0.051	< 0.0082
Phenanthrene	NLE	300,000	NLE	170 D	NA	7.1	NA	< 0.0072	0.085	< 0.0082
Pyrene	1,700	18,000	840	160 D	NA	7.3	NA	0.0069 J	0.6	< 0.0082
Pesticides & PCBs (mg/kg)										
Aroclor-1260	0.2	1	NLE	0.47	NA	8.85	NA	NA	NA	NA
Aroclor-1268	0.2	1	NLE	NA	NA	NA	NA	NA	NA	NA

TABLE 1
2007 AND 2016 DETECTED SOIL ANALYTES AT BUILDING 283 AND
COMPARISON TO SOIL REMEDIATION STANDARDS
BUILDING 283
FORT MONMOUTH, NEW JERSEY

Loc ID	NJ Residential	NJ Non- Residential	NJ Impact to GW Soil		SB03			SB04
Sample ID	Direct	Direct	Screening	PAR-49-SS-SB-03-0.5-1	PAR-49-SS-SB-03-12.5-13	PAR-49-SS-SB-03-2.5-3	PAR-49-SS-SB-04-0.5-1	PAR-49-SS-SB-04-1.5-2
Sample Depth Interval (ft bgs)	Contact SRS	Contact SRS	Level	0.5-1	12.5-13	2.5-3	0.5-1	1.5-2
Sample Date				3/30/2016	3/30/2016	3/30/2016	3/30/2016	3/30/2016
Semivolatile Organic Compounds (r	ng/kg)							
1-Methylnaphthalene	NLE	NLE	NLE	0.0054 J	< 0.009	< 0.0085	0.22 J	NA
2-Methylnaphthalene	230	2,400	8	0.0066 J	< 0.009	< 0.0085	0.32 J	NA
4-Methylphenol	31	340	NLE	NA	NA	NA	NA	NA
Acenaphthene	3,400	37,000	110	0.01	< 0.009	< 0.0085	0.7 J	NA
Acenaphthylene	NLE	300,000	NLE	0.0038 J	< 0.009	< 0.0085	0.026 J	NA
Anthracene	17,000	30,000	2,400	0.033	< 0.009	< 0.0085	1.7 J	NA
Benzo(a)anthracene	0.6	2	0.8	0.18	< 0.009	< 0.0085	2.5 J	NA
Benzo(a)pyrene	0.2	0.2	0.2	0.2	< 0.009	< 0.0085	2.3 J	NA
Benzo(b)fluoranthene	0.6	2	2	0.25	< 0.009	< 0.0085	2.8 J	NA
Benzo(ghi)perylene	380,000	30,000	NLE	0.14	< 0.009	< 0.0085	1.7 J	NA
Benzo(k)fluoranthene	6	23	25	0.091	< 0.009	< 0.0085	0.99 J	NA
Bis(2-Ethylhexyl)phthalate	35	140	1,200	NA	NA	NA	NA	NA
Butyl benzyl phthalate	1,200	14,000	230	NA	NA	NA	NA	NA
Chrysene	62	230	80	0.18	< 0.009	< 0.0085	2.4 J	NA
Dibenz(a,h)anthracene	0.2	0.2	0.8	0.028	< 0.009	< 0.0085	0.37 J	NA
Dibenzofuran	NLE	NLE	NLE	NA	NA	NA	NA	NA
Di-n-butylphthalate	6,100	68,000	760	NA	NA	NA	NA	NA
Fluoranthene	2,300	24,000	1,300	0.33	< 0.009	< 0.0085	5.7 J	NA
Fluorene	2,300	24,000	170	0.0067 J	< 0.009	< 0.0085	0.86 J	NA
Indeno(1,2,3-cd)pyrene	0.6	2	7	0.14	< 0.009	< 0.0085	1.7 J	NA
Naphthalene	6	17	25	0.0072 J	< 0.009	< 0.0085	0.36 J	NA
Phenanthrene	NLE	300,000	NLE	0.11	< 0.009	< 0.0085	5.5 J	NA
Pyrene	1,700	18,000	840	0.29	< 0.009	< 0.0085	5 J	NA
Pesticides & PCBs (mg/kg)								
Aroclor-1260	0.2	1	NLE	< 0.041	NA	NA	0.69 J	0.3
Aroclor-1268	0.2	1	NLE	< 0.041	NA	NA	0.73 J	< 0.039

TABLE 1
2007 AND 2016 DETECTED SOIL ANALYTES AT BUILDING 283 AND
COMPARISON TO SOIL REMEDIATION STANDARDS
BUILDING 283
FORT MONMOUTH, NEW JERSEY

Loc ID	NJ Residential	NJ Non- Residential	NJ Impact to GW Soil			SB04		SB05
Sample ID	Direct	Direct	Screening	PAR-49-SS-SB-04-2.75-3.25	PAR-49-SS-SB-04-2-2.5	PAR-49-SS-SB-04-9.5-10	PAR-49-SS-SB-104-0.5-1	PAR-49-SS-SB-05-0.5-1
Sample Depth Interval (ft bgs)	Contact SRS	Contact SRS	Level	2.75-3.25	2-2.5	9.5-10	0.5-1	0.5-1
Sample Date				3/30/2016	3/30/2016	3/30/2016	3/30/2016	3/30/2016
Semivolatile Organic Compounds	(mg/kg)							
1-Methylnaphthalene	NLE	NLE	NLE	< 0.0077	NA	< 0.0088	0.89 J	< 0.0081
2-Methylnaphthalene	230	2,400	8	< 0.0077	NA	< 0.0088	0.92 J	< 0.0081
4-Methylphenol	31	340	NLE	NA	NA	NA	NA	NA
Acenaphthene	3,400	37,000	110	< 0.0077	NA	< 0.0088	4.3 J	< 0.0081
Acenaphthylene	NLE	300,000	NLE	< 0.0077	NA	< 0.0088	0.2 J	< 0.0081
Anthracene	17,000	30,000	2,400	< 0.0077	NA	< 0.0088	11 J	< 0.0081
Benzo(a)anthracene	0.6	2	8.0	0.0026 J	NA	0.003 J	15 J	0.0028 J
Benzo(a)pyrene	0.2	0.2	0.2	< 0.0077	NA	< 0.0088	13 J	< 0.0081
Benzo(b)fluoranthene	0.6	2	2	< 0.0077	NA	< 0.0088	16 J	< 0.0081
Benzo(ghi)perylene	380,000	30,000	NLE	< 0.0077	NA	< 0.0088	8.2 J	< 0.0081
Benzo(k)fluoranthene	6	23	25	< 0.0077	NA	< 0.0088	6.2 J	< 0.0081
Bis(2-Ethylhexyl)phthalate	35	140	1,200	NA	NA	NA	NA	NA
Butyl benzyl phthalate	1,200	14,000	230	NA	NA	NA	NA	NA
Chrysene	62	230	80	< 0.0077	NA	< 0.0088	14 J	< 0.0081
Dibenz(a,h)anthracene	0.2	0.2	0.8	< 0.0077	NA	< 0.0088	1.8 J	< 0.0081
Dibenzofuran	NLE	NLE	NLE	NA	NA	NA	NA	NA
Di-n-butylphthalate	6,100	68,000	760	NA	NA	NA	NA	NA
Fluoranthene	2,300	24,000	1,300	0.0028 J	NA	< 0.0088	37 J	< 0.0081
Fluorene	2,300	24,000	170	< 0.0077	NA	< 0.0088	4.4 J	< 0.0081
Indeno(1,2,3-cd)pyrene	0.6	2	7	< 0.0077	NA	< 0.0088	8.4 J	< 0.0081
Naphthalene	6	17	25	< 0.0077	NA	< 0.0088	0.94 J	< 0.0081
Phenanthrene	NLE	300,000	NLE	< 0.0077	NA	< 0.0088	36 J	< 0.0081
Pyrene	1,700	18,000	840	< 0.0077	NA	< 0.0088	30 J	< 0.0081
Pesticides & PCBs (mg/kg)								
Aroclor-1260	0.2	1	NLE	NA	0.15	NA	1.6 J	< 0.04
Aroclor-1268	0.2	11	NLE	NA	< 0.039	NA	< 0.19 UJ	< 0.04

TABLE 1
2007 AND 2016 DETECTED SOIL ANALYTES AT BUILDING 283 AND
COMPARISON TO SOIL REMEDIATION STANDARDS
BUILDING 283
FORT MONMOUTH, NEW JERSEY

Loc ID	NJ Residential	NJ Non- Residential	NJ Impact to GW Soil	SB11	SB12
Sample ID	Direct	Direct	Screening	PAR-49-SS-SB-11-0-0.5	PAR-49-SS-SB-12-0.5-1
Sample Depth Interval (ft bgs)	Contact SRS	Contact SRS	Level	0-0.5	0.5-1
Sample Date				3/30/2016	3/30/2016
Semivolatile Organic Compounds (mg	g/kg)				
1-Methylnaphthalene	NLE	NLE	NLE	< 0.0085	< 0.0077
2-Methylnaphthalene	230	2,400	8	< 0.0085	< 0.0077
4-Methylphenol	31	340	NLE	NA	NA
Acenaphthene	3,400	37,000	110	< 0.0085	< 0.0077
Acenaphthylene	NLE	300,000	NLE	< 0.0085	0.0075 J
Anthracene	17,000	30,000	2,400	< 0.0085	0.0074 J
Benzo(a)anthracene	0.6	2	0.8	< 0.0085	0.037
Benzo(a)pyrene	0.2	0.2	0.2	< 0.0085	0.04
Benzo(b)fluoranthene	0.6	2	2	< 0.0085	0.048
Benzo(ghi)perylene	380,000	30,000	NLE	< 0.0085	0.033
Benzo(k)fluoranthene	6	23	25	< 0.0085	0.02
Bis(2-Ethylhexyl)phthalate	35	140	1,200	NA	NA
Butyl benzyl phthalate	1,200	14,000	230	NA	NA
Chrysene	62	230	80	< 0.0085	0.04
Dibenz(a,h)anthracene	0.2	0.2	0.8	< 0.0085	0.0073 J
Dibenzofuran	NLE	NLE	NLE	NA	NA
Di-n-butylphthalate	6,100	68,000	760	NA	NA
Fluoranthene	2,300	24,000	1,300	< 0.0085	0.06
Fluorene	2,300	24,000	170	< 0.0085	< 0.0077
Indeno(1,2,3-cd)pyrene	0.6	2	7	< 0.0085	0.03
Naphthalene	6	17	25	< 0.0085	0.0029 J
Phenanthrene	NLE	300,000	NLE	< 0.0085	0.031
Pyrene	1,700	18,000	840	< 0.0085	0.061
Pesticides & PCBs (mg/kg)					
Aroclor-1260	0.2	1	NLE	< 0.042	NA
Aroclor-1268	0.2	1	NLE	< 0.042	NA

Footnote:	
1) All historical data collected prior to 2013 are reported as provided by others.	
2) Not used.	
3) NLE = no limit established.	
4) ND = not detected in any background sample, no background concentration available.	
5) Bold = chemical detection	
6) SS = Site Specific action level, see "Specific Chemical Class (or Parameter)" footnote for details.	
7) Chemical result qualifiers are assigned by the laboratory and are evaluated and modified (if necessary) during t	he data validation.
[blank] = detect, i.e. detected chemical result value.	J = estimated detected value due to a concetration below the reporting limit or due to discrepancies meeting certain analyte-specific quality control.
B =Compound detected in the sample at a concentration less than or equal to 5 times (10 times for common lab contaminants) the blank concentration.	E (or ER) = Estimated result.
R = Rejected, data validation rejected the results.	D = Results from dilution of sample.
U = non-detect, i.e. not detected at or above this value.	J-DL = Elevated sample detection limit due to difficult sample matrix.
U-DL = Elevated sample detection limit due to difficult sample matrix.	JN = Tentatively identified compound, estimated concentration.
U-ND = Analyte not detected in sample, but no detection or reporting limit provided.	
8) Specific Chemical Classes (or Parameters) comments or notes regarding how data is displayed, compared to A	ction Levels, or represented in this table.
9) Chemical results greater than or equal to the action level (depending on criteria) are highlighted based on the C	riteria that are present.
$\hbox{- Cell Shade values represent a result that is above the NJ Residential Direct Contact Soil Remediation Standard.}\\$	####
There are no NJDEP soil standards for individual PCB Aroclors, therefore the total PCB NJDEP standards were	e used for individual Aroclors.
- Cell Shade values represent a result that is above the NJ Non-Residential Direct Contact Soil Remediation Standard	###
There are no NJDEP soil standards for individual PCB Aroclors, therefore the total PCB NJDEP standards were	e used for individual Aroclors.
- Cell Shade values represent a result that is above the NJ Impact to GW Soil Screening Level	###

10) Criteria action level source document and web address.	
- The NJ Residential Direct Contact Soil Remediation Standard refers to the NJDEP's May 7, 2012 Remediation Standards	

Remediation Standard.

http://www.nj.gov/dep/rules/rules/njac7_26d.pdf - The NJ Non-Residential Direct Contact Soil Remediation Standard refers to the NJDEP's May 7, 2012 Remediation Standards.

n/a = all concentrations were less than the detection limit, therefore, no location of maximum value identified.

Dash (-) = only background concentrations for metals are being used as comparison criteria.

- http://www.nj.gov/dep/rules/rules/njac7_26d.pdf
- The NJ Impact to GW Soil Screening Level criteria refers to the Development of Site Specific Impact to Ground Water Soil Remediation Standards Nov 2013 revised http://www.nj.gov/dep/srp/guidance/rs/partition_equation.pdf

- Cell Shade values represent a result that is above both the NJ Residential, Non-Residential, AND NJ Impact to GW Soil Screening Level Direct Contact Soil

- Cell Shade values represent a result that is above both the NJ Residential and Non-Residential Direct Contact Soil Remediation Standard.

TABLE 2
2017 BACKGROUND SOIL SAMPLE RESULTS AND COMPARISON TO SOIL REMEDIATION STANDARDS
BUILDING 283
FORT MONMOUTH, NEW JERSEY

			NJ Residential Direct Contact SRS	NJ Non- Residential Direct Contact SRS	NJ Impact to GW Soil Screening Level	CLIENT ID: LAB ID: COLLECTION DATE: SAMPLE MATRIX: SAMPLE UNITS:	BKG-283 AC98118 5/24/20 Soil mg/K	3-001 017	BKG-283- AC98118- 5/24/201 Soil mg/Kg	002 17	BKG-283- AC98118- 5/24/20 ⁻ Soil mg/Kg	-003 17	BKG-283 AC98118 5/25/20 Soil mg/K	-004 17	BKG-283-0 AC98118 5/25/20 Soil mg/K	3-005 017
TestCode	CAS#	Analyte	mg/Kg	mg/Kg	mg/Kg		Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
restcode	CA3#	PCBs	mg/rtg	I IIIg/Itg	l llig/itg		Result	NL.	Resuit	KL	Resuit	KL	Resuit	KL	Resuit	KL
	1336-36-3 12674-11-2 11104-28-2 11141-16-5	Aroclor (Total) Aroclor-1016 Aroclor-1221 Aroclor-1232	0.2 0.2 0.2 0.2	1 1 1	0.2 0.2 0.2 0.2		ND ND ND ND	0.03 0.03 0.03 0.03	ND ND ND ND	0.031 0.031 0.031 0.031	ND ND ND ND	0.032 0.032 0.032 0.032	ND ND ND ND	0.031 0.031 0.031 0.031	ND ND ND ND	0.031 0.031 0.031 0.031
	53469-21-9 12672-29-6 11097-69-1	Aroclor-1242 Aroclor-1248 Aroclor-1254	0.2 0.2 0.2 0.2	1 1 1	0.2 0.2 0.2		ND ND ND	0.03 0.03 0.03	ND ND ND	0.031 0.031 0.031	ND ND ND	0.032 0.032 0.032	ND ND ND	0.031 0.031 0.031	ND ND ND	0.031 0.031 0.031
	11096-82-5 37324-23-5 11100-14-4	Aroclor-1260 Aroclor-1262 Aroclor-1268 SemiVolatiles	0.2 NA NA	1 NA NA	0.2 NA NA		ND ND ND	0.03 0.03 0.03	ND ND ND	0.031 0.031 0.031	ND ND ND	0.032 0.032 0.032	ND ND ND	0.031 0.031 0.031	ND ND ND	0.031 0.031 0.031
BNPAH-8270	91-57-6 83-32-9 208-96-8	2-Methylnaphthalene Acenaphthene Acenaphthylene	230 3,400 NA	2,400 37,000 300,000	8 110 NA		ND ND ND	0.04 0.04 0.04	ND ND ND	0.042 0.042 0.042	ND ND ND	0.042 0.042 0.042	ND ND ND	0.041 0.041 0.041	ND ND ND	0.042 0.042 0.042
BNPAH-8270 BNPAH-8270	120-12-7 56-55-3 50-32-8	Anthracene Benzo[a]anthracene Benzo[a]pyrene	17,000 0.6 0.2	30,000 2 0.2	2,400 0.8 0.2		0.049 0.11 0.14	0.04 0.04 0.04	ND ND ND	0.042 0.042 0.042	ND ND ND	0.042 0.042 0.042	ND ND ND	0.041 0.041 0.041	ND ND ND	0.042 0.042 0.042
BNPAH-8270 BNPAH-8270	205-99-2 191-24-2 207-08-9	Benzo[b]fluoranthene Benzo[g,h,i]perylene Benzo[k]fluoranthene	0.6 380,000 6	2 30,000 23	2 NA 25		0.23 0.12 0.053	0.04 0.04 0.04	ND ND ND	0.042 0.01 0.042	ND ND ND	0.042 0.011 0.042	ND ND ND	0.041 0.01 0.041	ND ND ND	0.042 0.01 0.042
BNPAH-8270 BNPAH-8270	218-01-9 53-70-3 206-44-0 86-73-7	Chrysene Dibenzo[a,h]anthracene Fluoranthene	62 0.2 2,300	230 0.2 24,000	80 0.8 1,300		0.12 ND 0.17	0.04 0.04 0.04	ND ND ND ND	0.042 0.01 0.042	ND ND ND ND	0.042 0.011 0.042	ND ND ND ND	0.041 0.01 0.041	ND ND ND	0.042 0.01 0.042
BNPAH-8270 BNPAH-8270	193-39-5 91-20-3	Fluorene Indeno[1,2,3-cd]pyrene Naphthalene	2,300 0.6 6	24,000 2 17	170 7 25		ND 0.1 ND	0.04 0.04 0.0099	ND ND	0.042 0.042 0.01	ND ND	0.042 0.042 0.011	ND ND	0.041 0.041 0.01	ND ND ND	0.042 0.042 0.01
BNPAH-8270	85-01-8 129-00-0	Phenanthrene Pyrene TPH	NA 1,700	300,000 18,000	NA 840		ND 0.15	0.04 0.04	ND ND	0.042 0.042	ND ND	0.042 0.042	ND ND	0.041 0.041	ND ND	0.042 0.042
	EPHC9C40 PERSOL	C9-C40 Wet Chemistry % Solids	NA NA	NA NA	NA NA		ND 84(Percent)	71	ND 80(Percent)	75	ND 79(Percent)	76	ND 81(Percent)	74	ND 80(Percent)	75

Result exceeds at least one criterion (none for these samples)

Positive result detected below all criteria

NJ Soil Remediation Standards

Bold

Note 1) Residential and Non-residential critieria from the NJDEP June 2, 2008 Soil Remediation Standards

Note 2) Dec 2008 DEP guidance document for the development of site-specific IGW soil remediation standards using the soil-water partition equation.

N/A No criterion derived for this contaminant.

Attachment C Letter Report: Excavation at Parcels 49 and 57



October 18, 2016

Mr. James Moore U.S. Army Corps of Engineers, New York District Attn: CENAN-PP-E 26 Federal Plaza, Room 1811 New York, NY 10278

Subject: Excavation at Parcels 49 and 57 Environmental Contamination Assessments/Support,

Fort Monmouth, Oceanport, New Jersey

Contract Number W912DY-10-D-0015, Task Order 0007

DCN: TTEC-WERS-17-0008

Dear Mr. Moore:

In accordance with the requirements of the Performance Work Statement for Task Order 0007 of Contract Number W9128DY-10-D-0015 as amended, Tetra Tech is pleased to submit this Letter Report for the interim removal actions at Parcels 49 and 57 at Fort Monmouth, New Jersey. Copies of this letter report have also been submitted to the recipients on the attached distribution list, quantities as indicated.

At the request of the U.S. Army Corps of Engineers, Tetra Tech initiated an interim removal action for polychlorinated biphenyls (PCBs) at two locations – Parcel 49 and Parcel 57. **Attachment 1** contains figures showing relevant sample locations and excavation areas. Within Parcel 49, historic soil sample P49-SS8, located in the Building 283 courtyard, exhibited an exceedance of PCBs at a concentration of 8.85 milligrams per kilogram (mg/kg) which is above the Residential Soil Remediation Standard (RSRS) of 0.2 mg/kg and the Non-Residential Soil Remediation Standard (NRSRS) of 1 mg/kg. This location was resampled during the Shaw Site Investigation and exhibited a high concentration of 1.6 mg/kg for PCBs at 0.5-1 feet (ft.) below ground surface (bgs) (sample PAR-49-SS-SB-04). Based on this data, Tetra Tech performed an interim removal action via excavation. The excavation dimensions were 5 ft. by 5 ft. to a depth of 3 ft. bgs centered on the P49-SS8 location with confirmation sampling for PCBs and extractable petroleum hydrocarbons (EPH). The goal of this interim action was to achieve compliance with the NRSRS. **Figure 1** shows these sample locations and final excavation boundaries.

Within Parcel 57, Parsons detected PCBs in subsurface soils near the former railroad tracks. The highest exhibited concentration was 8.8 mg/kg at 3-3.5 ft. bgs (PAR-57-SS-04) which is above the RSRS and NRSRS of 1 mg/kg. Step-out sampling was performed to delineate the extent of PCB contamination. Based on the data, Tetra Tech performed an interim removal action via excavation. The excavation was 5 ft. by 5 ft. to a depth of 5 ft. bgs and centered on PAR-57-SS-04 with confirmation sampling for PCBs and EPH. **Figure 2** shows this sample location and final excavation boundaries.

Tetra Tech and its subcontractor AWT Environmental Services mobilized to the site and began locating underground utilities and soil excavation areas on 22 July 2016. Photographs documenting site activities are provided in **Attachment 2**.

Excavation activities at Parcel 49 began on 29 July 2016. The final dimensions of the excavation were 5.4 ft. (east-west direction) by 6 ft. (north-south direction) by 3 ft. deep. Excavated materials were placed in a roll off box. Prior to backfilling, a confirmation sample was collected from the bottom of the excavation and analyzed for PCBs and EPH, and neither PCBs nor EPH was detected in the confirmation sample. Full laboratory results are provided in **Attachment 3**. The excavation was filled with dense gravel aggregate and topsoil, compacted with the excavator bucket, and the surface was seeded and covered with straw.



Work at Parcel 57 began on 28 July 2016. At 5 ft. depth, water began seeping into the excavation. Soil and material removed was placed in a roll off box. The final dimensions of the excavation were 7.6 ft. (east-west direction) by 5.5 ft. (north-south direction) by 5 ft. deep. A confirmation sample was collected from the bottom of the excavation and analyzed for PCBs and EPH. PCBs were not detected in the confirmation sample and thus below the NRSRS and RSRS. EPH was detected at 120 mg/kg, which is below the 1700 mg/kg New Jersey Department of Environmental Protection Category 2 EPH Protocol. Full laboratory results are provided in **Attachment 3**. The excavation was filled with dense gravel aggregate, compacted with the excavator bucket, and the surface was patched with asphalt (see Photograph 12).

Both Parcel 49 and Parcel 57 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 4**.

On 1-3 August 2016, Tetra Tech coordinated the loadout of potentially PCB-impacted soils from Parcels 49 and 57 in conjunction with the loadout of materials from Parcel 97. The material was transported to the Wayne Disposal, Inc. landfill facility in Belleville, Michigan. The waste disposal information for the August 2016 removal are included in **Attachment 5**.

This report summarizes the interim removal action and confirmation sampling activities conducted 28-29 July 2016 for the presence of PCBs in soil at Parcels 49 and 57 and the soil loadout on 1-3 August 2016. 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@tetratech.com.

Sincerely,

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

Attachments:

Attachment 1 - Figures

Attachment 2 - Photographs

Attachment 3 - Laboratory Analytical Reports

Attachment 4 – Backfill Material Certification

Attachment 5 - Waste Disposal



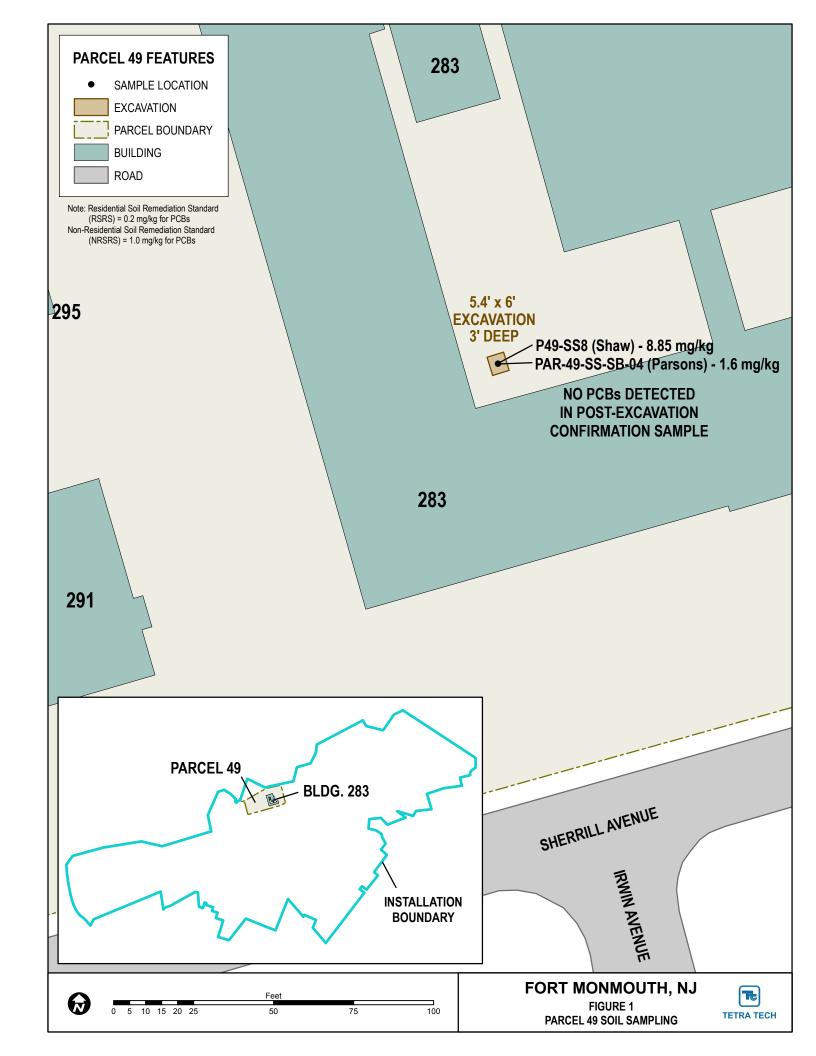
Document Distribution List

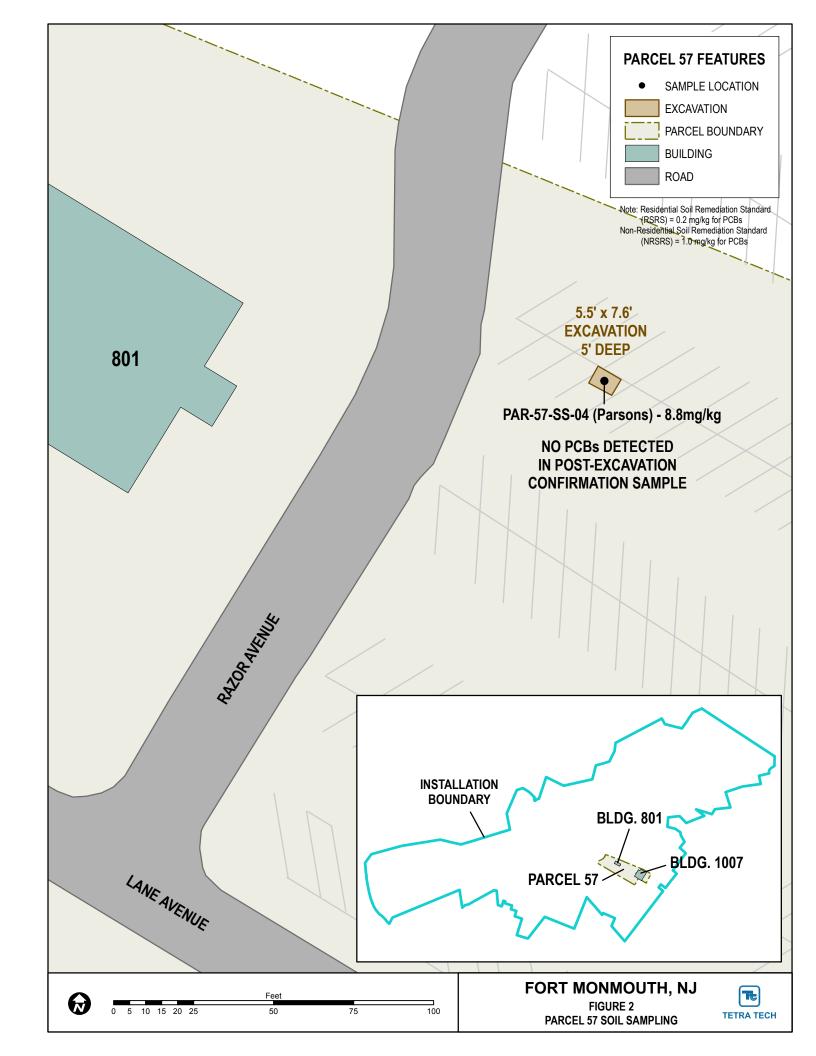
U.S. Army Engineering & Support Center, Huntsville Project Manager and Contracting Officer's Representative Attn: CEHNC-ED-CS-P (Mary Young) 4820 University Square Huntsville, AL 35816-1822

1 electronic (via email)

U.S. Army Corps of Engineers, New York District Attn: CENAN-PP-E (Mr. James Moore) 26 Federal Plaza, Room 1811 New York, NY 10278 1 electronic (via email)

ATTACHMENT 1 FIGURES





ATTACHMENT 2
PHOTOGRAPHS



Photograph 1. Parcel 49, north wall of excavation, view north, 29 July 2016.



Photograph 2. Parcel 49, west wall of excavation, view west, 29 July 2016.



Photograph 3. Parcel 49, excavation floor and east wall, view east, 29 July 2016.



Photograph 4. Parcel 49, backfilled excavation, view west, 01 August 2016.



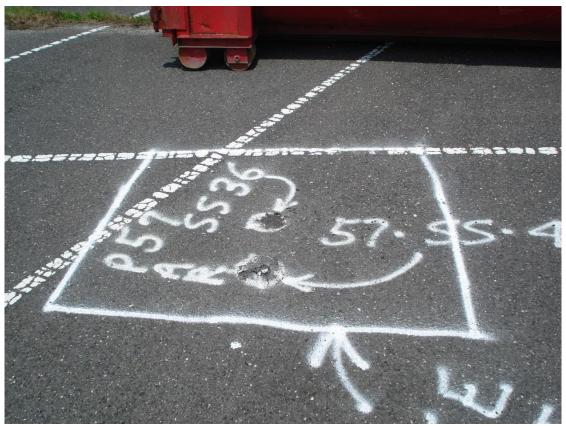
Photograph 5. Parcel 49, backfilled excavation and adjacent area, view west, 01 August 2016.



Photograph 6. Parcel 49, adjacent area after seed and straw, view west, 26 August 2016.



Photograph 7. Parcel 57, marked excavation area, view west, 28 July 2016.



Photograph 8. Parcel 57, prior to excavation, view north, 28 July 2016.



Photograph 9. Parcel 57, excavation completed, view north, 28 July 2016.



Photograph 10. Parcel 57, east wall of excavation, view east, 28 July 2016.



Photograph 11. Parcel 57, bottom of excavation with water seeping in, 28 July 2016.



Photograph 12. Parcel 57, backfilled excavation, view west, 28 July 2016.



Photograph 13 – Parcel 57, excavation with asphalt patch, view west, 26 August 2016.

ATTACHMENT 3 LABORATORY ANALYTICAL REPORTS

HC Report of Analysis

Client: Tetra Tech Inc.

HC Project #: 6080102

Project: Fort Monmouth Additional

Sample ID: FM-PAR-57-SS-04-05

Lab#: AC92683-001

Matrix: Soil

Collection Date: 7/28/2016

Receipt Date: 8/1/2016

•	_					_
٧,	So	lids	SM	25	40	G

Analyte	DF	Units	RL	Result
% Solids	1	percent		84
J EPH Category 2	-			
Analyte	DF	Units	RL	Result
C9-C40	1	mg/kg	71	120
CB 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
Aroctor-1248	1	mg/kg	0.030	ND
Aroclor-1254	1	mg/kg	0.030	ND
Aroctor-1260	1	mg/kg	0.030	ND
Aroctor-1262	1	mg/kg	0.030	ND
Araclar-1268	1	ma/ka	0.030	ND

Sample ID: FM-P49-SS8-C

Lab#: AC92683-002

Matrix: Soil

Collection Date: 7/29/2016

Receipt Date: 8/1/2016

%	Sol	ids	SM	254	0G
---	-----	-----	----	-----	----

Aroclor-1268

Analyte		DF	Units	RL	Result			
% Solids	1	percent		80				
EPH Category 2			•					
Analyte		DF	Units	RL	Result			
C9-C40	·-	1	mg/kg	75	ND			
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			

mg/kg

0.031

ND

Hampton-Clarke, Inc. (WBE/DBE/SBE) 175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004		CHAIN OF CUSTODY		Project # (Lab Use Only)			Page	e of	
Ph: 800-426-9992 973-244-9770 Fax: 973-244-9787 973-439-1458		RECORD			3) Reporting Requireme			nents (P	lease Circle)
Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054 Ph (Service Center): 856-780-6057 Fax: 856-780-6056	Hampton-Clarke weknobiskeseo-assesse A Women-Owned, Disadvantaged, Small Business Enterprise			· · · · · ·			Report Type Electronic Deliv.		
NELAC/NJ #07071 PA #68-00463 NY #11408 CT	• · · · · · · · · · · · · · · · · · · ·			When Available:		Data Summary		Hazsite/CSV	
Customer Information	Project Information ,			1 Busines		Day (100%)*	Results + QC	(Waste)	EnviroData
1a) Customer: Tebra Tech	2a)Project:		ort, Monmouth		2 Business Days (75%)*		MJ Reduced		Excel - NJ Regulatory
Address: 1093 Commerce Park Dr. Ste 100	Additional Areas				3 Business Days (50%)*		NY Reduced		Excel - NY Regulatory
Oak Ridge TN 37830				nabera.	4 Business	4 Business Days (35%)*		PA Reduced	Excel - PA Regulatory
1b) Email/Cell/Fax/Ph: Rolon 407-448-9553	2c)Project Loc		e): Ft. M	10nmouth	5 Business	Days (25%)	Full / Category	v B	EQuIS (specify below):
1c) Send Invoice to: Marreen McHyler 865-220-4	B Z		NI	, , , , , , , , , , , , , , , , , , ,		Days (Stand)	Category A	•	4-File/EZ/NYS/Reg. 2 or 5
1d) Send Report to: Maureen McNyler	2d)Quote/PO	# (If Applicable)	48	317	Other:		Electronic (PD	F)	Other: PPE
· · · · · · · · · · · · · · · · · · ·								ble. Plea	se Check with Lab.
FOR LAR		7 Status	is (specify metho	ode & naramoto	r liete)	(#10)			
FOR LAB USE ===> Check If Contin			is (specify interin	ous & paramete	1 11313)	<=== Check	If Contingent	<===	
ONLY Matrix Codes	-	111	 		 	Officer	n contingent		
DW - Drinking Water S - Soil A - Air	Sample Type	罗星							
GW - Ground Water SL - Sludge	ਤੇ ਤੋਂ								
Batch # WW - Waste Water OL - Oil	1 1 -						0/		
OT - Other (please specify under item 9, Comments)	है 🗞	1 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8			#,		8) of Bottles		
	Composite (C) Grab (G) PPS 8782								
	Composii Grab (G)	国国				None MeOH En Core	NaOH HCI H2SO4	HNO3 Other:	0) 0
Lab Sample # 4) Customer Sample ID Matrix Date, Time	3 5 7	20				Ž Ž Ū	NaO HCI H2Se	Ī	 , = = .
-001 FM-PAR-57-SS=01-05 S 7/28/14		X X				}			5' depth Comn Park
1-002 FM-P49-558-C 5 7/21/16 1420	\times $ X $	(X X	1						3' 181di 2813
					 				7
i ast Entry	 	+ + -			1				
	(tooki -	-						
, K		129/16							
	┸								
			 						
			. (1988) 1882 - 188						10.7. 10.00
10) Relinquished by: Accept	d by:	Pа	ate Time		Commen	ts, Notes, Spe	1		
Elle Dust The state		7/2	9/16 1630 h	Indicate if low-level current groundwar	el methods req	uired to meet	For NJ LS need to b	RP projec e met:	ts, indicate which standards
De Thousand			16 10:15		ier standards (A (8270D SI			DEP GW	
a wall			7 18 10:10		C SIM or 8011)		NJDEP SRS NJDEP SPLP		- ·
				•	l, BNA, Meta	ıls)	 · · ·	her (spe	-· <u>1</u>
			l	Check if applicated Project-S		orting Limits			
Additional Notes				High Con	taminant Co	ncentrations			Cooler Temperature
						o check boxes	s above/right)		3.0
				11) Sampler (pr		M 15 4		Dat	
									al work may be delayed. activated for any analysis.

ATTACHMENT 4 BACKFILL MATERIAL CERTIFICATION



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



323 Main StreetProject: Fred McDowell Inc. Schoolhouse Rd.Reported:Spotswood NJ, 08884Project Manager: Bill Maddox01/14/2015 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.



323 Main Street Project: Fred McDowell Inc. Schoolhouse Rd. Reported:
Spotswood NJ, 08884 Project Manager: Bill Maddox 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 spectroscope 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 103-105oC 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

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.



323 Main StreetProject: Fred McDowell Inc. Schoolhouse Rd.Reported:Spotswood NJ, 08884Project Manager: Bill Maddox01/14/2015 14:59

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

										- 1
							Prepared	Analyzed		
CAS#	Analyte	Result	MDL	RL	Units	Dilution	Date	Date/By	Method	Notes

Accredited Analytical Resources LLC

Volatile Organic Compounds EPA Method SW846 8260

Sample Prepare	ed 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	В
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

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.



323 Main Street Project: Fred McDowell Inc. Schoolhouse Rd. Reported: Spotswood NJ, 08884 Project Manager: Bill Maddox 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
	Ac	ccredited A	Analytical	l Resou	rces LL	C				
Volatile Orga	nic 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-D	ichloroethane-d4			99 %	70-121		01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	

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.



323 Main Street Project: Fred McDowell Inc. Schoolhouse Rd. Reported: Spotswood NJ, 08884 Project Manager: Bill Maddox 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 A	Analytica	ıl Resou	rces LL	C				
Volatile Orga	nic Compounds EPA Method SW846	3260								
Surrogate: Toluen	ne-d8			102 %	81-117		01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	
Surrogate: Bromo	ofluorobenzene			103 %	74-121		01/10/15 21:14	01/10/15 21:14/SCS	EPA 8260B	
Semivolatile (Organic Compounds EPA Method SW	846 8270								
Sample Prepare	ed 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

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.



323 Main Street Project: Fred McDowell Inc. Schoolhouse Rd. Reported: Spotswood NJ, 08884 Project Manager: Bill Maddox 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 A	Analytical	l Resou	rces LL	C				
Semivolatile	e Organic Compounds EPA Method SV	V846 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

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.



323 Main StreetProject: Fred McDowell Inc. Schoolhouse Rd.Reported:Spotswood NJ, 08884Project Manager: Bill Maddox01/14/2015 14:59

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

PART	CAS#	Analyte	Result	MDL	RL	Units	Dilution	Prepared Date	Analyzed Date/By	Method	Notes
120-12-7 Anthracene			Accredited A	Analytica	l Resou	rces LL(С				
84-74-2 Di-n-butyl phthalate ND 36.6 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 206-44-0 Fluoranthene ND 36.6 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 292-87-5 Benzidine ND 91.1 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 129-00-0 Pyrene ND 36.6 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 129-00-0 Pyrene ND 36.6 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 129-00-0 Pyrene ND 36.6 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 191-94-1 3,3'-Dichlorobenzidine ND 91.1 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 191-94-1 3,3'-Dichlorobenzidine ND 91.1 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 191-94-1 3,3'-Dichlorobenzidine ND 36.6 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 191-94-1 Dis(2-ethylhexyl)phthalate ND 36.6 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 191-94-0 Di-n-octyl phthalate ND 36.6 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 205-99-2 Benzo[b] fluoranthene ND 36.6 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 205-99-2 Benzo[k] fluoranthene ND 36.6 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 205-99-2 Benzo[k] fluoranthene ND 36.6 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 205-99-2 Benzo[k] fluoranthene ND 36.6 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 205-99-2 Benzo[k] fluoranthene ND 36.6 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 205-99-2 Benzo[a]pyrene ND 36.6 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 205-99-2 Benzo[a]pyrene ND 36.6 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 205-99-2 Benzo[a]pyrene ND 36.6 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 205-99-2 Benzo[a]pyrene ND 36.6 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 205-99-2 Benzo[a]pyrene ND 36.6 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 205-99-2 Benzo[a]pyrene ND 36.6 183 ug/kg dry 1 0108/15 08-55 0108/15 15-58/JMM EPA 8270C 205-99-2 Benzo[Semivolatile	e Organic Compounds EPA Method S	SW846 8270								
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	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
Second No. Second No. Second No. Second No. Second No. N	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
129-00-0	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
Section Special Content Section Sectio	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
194-94-1 3,3'-Dichlorobenzidine ND 91.1 183 ug/kg dry 1 0108/15 08:55 01/08/15 15:58/JMM EPA 8270C	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
Special Control	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
17-81-7 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	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
128-01-9 Chrysene ND 36.6 183 ug/kg dry 1 0108/15 08.55 0108/15 15.58/JMM EPA 8270C 117-84-0 Di-n-octyl phthalate ND 36.6 183 ug/kg dry 1 0108/15 08.55 0108/15 15.58/JMM EPA 8270C 205-99-2 Benzo[b]fluoranthene ND 36.6 183 ug/kg dry 1 0108/15 08.55 0108/15 15.58/JMM EPA 8270C 207-08-9 Benzo[k]fluoranthene ND 36.6 183 ug/kg dry 1 0108/15 08.55 0108/15 15.58/JMM EPA 8270C 207-08-9 Benzo[a]pyrene ND 36.6 183 ug/kg dry 1 0108/15 08.55 0108/15 15.58/JMM EPA 8270C 207-08-9 Benzo[a]pyrene ND 36.6 183 ug/kg dry 1 0108/15 08.55 0108/15 15.58/JMM EPA 8270C 207-08-9 Benzo[a]pyrene ND 36.6 183 ug/kg dry 1 0108/15 08.55 0108/15 15.58/JMM EPA 8270C 207-08-9 Benzo[a]pyrene ND 36.6 183 ug/kg dry 1 0108/15 08.55 0108/15 15.58/JMM EPA 8270C 207-08-9 Benzo[a,h)anthracene ND 36.6 183 ug/kg dry 1 0108/15 08.55 0108/15 15.58/JMM EPA 8270C 207-08-9 Benzo[a,h)anthracene ND 36.6 183 ug/kg dry 1 0108/15 08.55 0108/15 15.58/JMM EPA 8270C 207-08-9 Benzo[a,h)anthracene ND 36.6 183 ug/kg dry 1 0108/15 08.55 0108/15 15.58/JMM EPA 8270C 207-08-9 Benzo[a,h)anthracene ND 36.6 183 ug/kg dry 1 0108/15 08.55 0108/15 15.58/JMM EPA 8270C 207-08-9 Benzo[a,h)anthracene ND 36.6 183 ug/kg dry 1 0108/15 08.55 0108/15 15.58/JMM EPA 8270C 207-08-9 Benzo[a,h)anthracene ND 36.6 183 ug/kg dry 1 0108/15 08.55 0108/15 15.58/JMM EPA 8270C 207-08-9 Benzo[a,h)anthracene ND 36.6 183 ug/kg dry 1 0108/15 08.55 0108/15 15.58/JMM EPA 8270C 207-08-9 Benzo[a,h)anthracene ND 36.6 183 ug/kg dry 1 0108/15 08.55 0108/15 15.58/JMM EPA 8270C 207-08-9 Benzo[a,h)anthracene ND 0.724 0.724 ug/kg dry 1 0108/15 05.50 0108/15 15.58/JMM EPA 8270C 207	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
17-84-0 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	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
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	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
207-08-9 Benzo[k]fluoranthene	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
Surrogate: 2-Fluorophenol	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
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 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 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 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 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 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 191-24-2 Benzo[ghi]perylene ND 0.724 0.724 ug/kg dry 1 01/08/15 08:55 01/08/15 15:58/JMM EPA 8270C 191-24-2 Benzo[ghi]perylene ND 0.724 0.724 ug/kg dry 1 01/08/15 08:55 01/08/15 15:58/JMM EPA 8270C 191-24-2 Benzo[ghi]perylene ND 0.724 0.724 ug/kg dry 1 01/08/15 05:50 01/09/15 15:26/JAM EPA 8081A/8082 191-25 Benzo[ghi]perylene ND 0.724 0.724 ug/kg dry 1 01/08/15 05:50 01/09/15 15:26/JAM EPA 8081A/8082 191-26 Benzo[ghi]perylene ND 0.724 0.724 ug/kg dry 1 01/08/15 05:50 01/09/15 15:26/JAM EPA 8081A/8082 191-27 Benzo[ghi]perylene ND 0.724 0.724 ug/kg dry 1 01/08/15 05:50 01/09/15 15:26/JAM EPA 8081A/8082 191-28 Benzo[ghi]perylene ND 0.724 0.724 ug/kg dry 1 01/08/15 05:50 01/09/15 15:26/JAM EPA 8081A/8082 191-29 Benzo[ghi]perylene ND 0.724 0.724 ug/kg dry 1 01/08/15 05:50 01/09/15 15:26/JAM EPA 8081A/8082 191-29 Benzo[ghi]perylene ND 0.724 0.724 ug/kg dry 1 01/08/15 05:50 01/09/15 15:26/JAM EPA 8081A/8082 191-29 Benzo[ghi]perylene ND 0.724 0.724 ug/kg dry 1 01/08/15 05:50 01/09/15 15:26/JAM EPA 8081A/8082 191-29 Benzo[ghi]perylene ND	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
193-99-5 Inden(0(1,2,5-Cd)pyrene ND 36.6 183 ug/kg dry 1 01/08/15 08:55 01/08/15 15:58/JMM EPA 8270C 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 201-24-2 Benzo[ghi]perylene ND 36.6 183 ug/kg dry 1 01/08/15 08:55 01/08/15 15:58/JMM EPA 8270C 201-24-2 Benzo[ghi]perylene ND 36.6 183 ug/kg dry 1 01/08/15 08:55 01/08/15 15:58/JMM EPA 8270C 201-24-2 Benzo[ghi]perylene ND 36.6 183 ug/kg dry 1 01/08/15 08:55 01/08/15 15:58/JMM EPA 8270C 201-24-2 Benzo[ghi]perylene ND 0.724 0.724 ug/kg dry 1 01/08/15 08:55 01/08/15 15:58/JMM EPA 8270C 201-24-2 Benzo[ghi]perylene ND 0.724 0.724 ug/kg dry 1 01/08/15 08:55 01/08/15 15:58/JMM EPA 8270C 201-24-2 Benzo[ghi]perylene ND 0.724 0.724 ug/kg dry 1 01/08/15 08:55 01/08/15 15:58/JMM EPA 8081A/8082 201-24-2 ug/kg dry 1 01/08/15 08:55 01/09/15 15:26/JAM EPA 8081A/8082 201-24-2 ug/kg dry 1 01/08/15 08:55 01/09/15 15:26/JAM EPA 8081A/8082 201-24-2 ug/kg dry 1 01/08/15 08:55 01/09/15 15:26/JAM EPA 8081A/8082 201-24-24-24-24-24-24-24-24-24-24-24-24-24-	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
191-24-2 Benzo[ghi]perylene	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
Surrogate: 2-Fluorophenol 80 % 25-121 01/08/15 08:55 01/08/15 15:58/JMM EPA 8270C	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
Surrogate: Phenol-d5	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: 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 Surrogate: 4 depart of the surrogate of th	Surrogate: 2-Fl	uorophenol			80 %	25-121		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 EPA 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 01/09/15 15:26/JAM	Surrogate: Phe	nol-d5			94 %	24-113			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 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	Surrogate: Nitr	obenzene-d5			69 %	23-120			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 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	Surrogate: 2-Fl	uorobiphenyl			80 %	30-115			01/08/15 15:58/JMM	EPA 8270C	
EPA Method SW846 8081/8082 Surrogate: Terphenyl-d14 78 % 18-137 01/08/15 08:55 01/08/15 15:58/JMM EPA 8270C 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 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	Surrogate: 2,4,6	6-Tribromophenol			108 %	19-122			01/08/15 15:58/JMM	EPA 8270C	
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 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	Surrogate: Terp	henyl-d14			78 %	18-137			01/08/15 15:58/JMM	EPA 8270C	
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 ND 0.724 0.724 ug/kg dry 1 01/08/15 05:50 01/09/15 15:26/JAM EPA 8081A/8082	EPA Metho	d SW846 8081/8082									
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	Sample Prepa	red by Method:EPA 3550B									
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	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/80	82 U
	319-85-7	•	ND	0.724	0.724	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/80	82 U
	319-86-8		ND	0.724	0.724	ug/kg dry	1	01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/80	82 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.



323 Main StreetProject: Fred McDowell Inc. Schoolhouse Rd.Reported:Spotswood NJ, 08884Project Manager: Bill Maddox01/14/2015 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 A	Analytica	al Resou	rces LL	C			
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: Tetrac	hloro-m-xylene			77.7 %	30-150		01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/8082

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.



323 Main Street Project: Fred McDowell Inc. Schoolhouse Rd. Reported: Spotswood NJ, 08884 Project Manager: Bill Maddox 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 A	Analytic	al Resou	rces LLO	С				
EPA Method	1 SW846 8081/8082									
Surrogate: Tetra	chloro-m-xylene			91.0 %	30-150		01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/808	82
Surrogate: Deca	achlorobiphenyl			88.3 %	30-150		01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/808	82
Surrogate: Deca	chlorobiphenyl			97.5 %	30-150		01/08/15 05:50	01/09/15 15:26/JAM	EPA 8081A/808	82
Total Metals	by EPA Method SW846 6010B									
Sample Prepar	red 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.



323 Main StreetProject: Fred McDowell Inc. Schoolhouse Rd.Reported:Spotswood NJ, 08884Project Manager: Bill Maddox01/14/2015 14:59

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

CAS#	Analyte	Result	MDL	RL	Units	Dilution	Prepared Date	Analyzed Date/By	Method	Notes
	A	Accredited A	Analytica	al Resou	rces LLC	C				
Total Mercur	ry by SW846 7471									
Sample Prepare	ed 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 Chemist	ry									
Sample Prepare	ed 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 Prepare	ed 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 1	Petroleum Hydrocarbons by NJ EPH									
Sample Prepare	ed by Method:EPA 3545A									
NA	Extractable Petroleum Hydrocarbons (EP	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-Terp	phenyl			74.1 %	40-140		01/09/15 09:02	01/09/15 13:38/MS	NJDEP EPH	
Surrogate: 1-Chl	orooctadecane			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.

										Page			
ACCREDITED ANA		RCE	S, L	LC						CHAIN O	FCUSTO	DY FORM	
20 PERSHING AVENU CARTERET, NEW JEF PHONE (732) 969-6	RSEY 07008	11-1:	383			S	TATE AC	GENCY	NJ NY	PA CT DE (OTHER		
accreditedanalytical	.com					PRO	DJECT	Fre	dM	· Dowell	Inc Sch	on thouse Rol	
CLIENT Ma	ddex Ma	ter	1 800	15	11c	COI	NTACT			Madde			
ADDDECC 31	7 M.	01				PH	IONE	-	732	251-0054			
CITY	pot swood					F	AX						
STATE	15	ZIF		08	884	E-	MAIL	j.	rma	dde ue	1720h	.nef	
LABORATORY	CLIENT FIELD ID	# OF	M A T R	PRESE	DATE / TIME	SA	MPLE	DESCR	RIPTION	Ny San A	ANALYS	IS	
SAMPLE #		ERS	X X	RVA	SAMPLEO	GRAB		APOSITE	DEPTH	TLL	ITAL		
1500027-01	51	2	5		1-7-15	GRAB	CON	REUSITE	DEPTY	SRS/	NJSCC	+EPH	
							_						
			_										
					J								
												ix.	
					<u></u>								
** 84 - 8447017	S=SOIL G=SLUI	205				N-50	N ID V	-OTUE		<u>L</u>			
** M = MATRIX CODE	GW=GROUND W									R P=POTAB	LE WATER		
TURNAROUNE			100	-						(IF BLANK, ST	D. 3 WEEKS)		
RECIEVED W/ ICE?	The second secon	MPE	RAT	URE:	toC ,	NJSCO	ex IM	SW					
QA/QC DELIVER (circle one	2)	-	_							Cat. A NYA	SP Cat. B		
PRESERVATIVE COD	X ('')	3=	H ₂ S	04				6=MeOl	H 7=OT	HER		1	
PRINT	QUISHED BY:				PRINT	RECEIV	ED BY:	SIGN		ORGANIZATION	DATE TIME	REASON	
William Muddle	25 mar	e		K.	Muniz		A.	Muñ	112,	AAR	17/15 152	Analysi's	
- I I - D II - D	7 2	-		1 11	1 Dinz		1	100	0	7 11 11	12/	11.000	
LPERSON(S) ASSUMI	NG RESPONSIBILITY	Y FO	R S	AMPI	ING: PRIN	IT: IV	Hiem	ma	do	SIGN	RON	ne	
			_							AAR QUOTE		0	
COMMENTS	Block 9:	11	rei	1 /4 (CHOWE	11/11	C			AAR CASE		00027	
	Monmout	1	10	F /	./.					P.O. #	100	70001	
	TOT MOUT	_ (-0	un	74		at an						

ACCREDITED ANALYTICAL RESOURCES, LLC



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 Ilc 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,

No maly 5

William Maddox

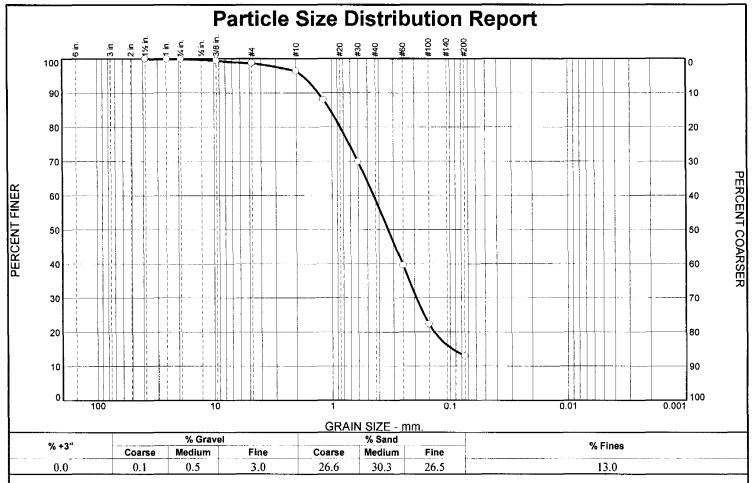
Member



SUMMARY OF LABORATORY TESTING

A	19
AASHTO Accre	ditated Laboratory

PR	OJECT:	Maddox				•	PROJ	ECT#:	0'	7L001A	-	DA	TE:		1/1	5	-
Sample Number & Date Received	Source	Classification	Natural Water Content	Liquid	rg Limits	Comp Stress	onfined oression Strain	Unit Dry Weight PCF	Specific Gravity	Permeability cm/sec @ 20 deg C	Compaction	Grain Size	Consolidation	Triaxial	CBR		Organic Content %
S-119				Limit	Limit	TSF	%	101	-		<u>ೆ</u>	5	<u>ೆ</u>	Tri	8	Hd	ర్ధి
1/21/15	Rosano	Orange Brown cmf SAND, little- Silt, trace f Gravel	9	<u> </u>							*	*					
						· · · · · · · · · · · · · · · · · · ·	ļ	<u> </u>	<u> </u>			 -	ļ		\vdash		-
							-	<u> </u>			ļ	[<u> </u>	<u> </u>
											L	ļ <u>.</u>	<u> </u>			ļ	
			4														
																, —	
															\dashv		
			 														<u> </u>
															\exists		
															寸		
		Mark 1													1	-	
* SEE TEST	CURVES	***							<u> </u>								



SIEVE	PERCENT	SPEC.*	PA\$\$?
SIZE	FINER	PERCENT	(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		
		1	
		1	
			1
		1	

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

(no specification provided)

Location: Rosano Sand Sample Number: S-119

Client: Maddox Materials, LLC

FRENCH & PARRELLO ASSOCIATES, P.A.
CONSULTING ENGINEERS

Project: Maddox

Wall, NJ

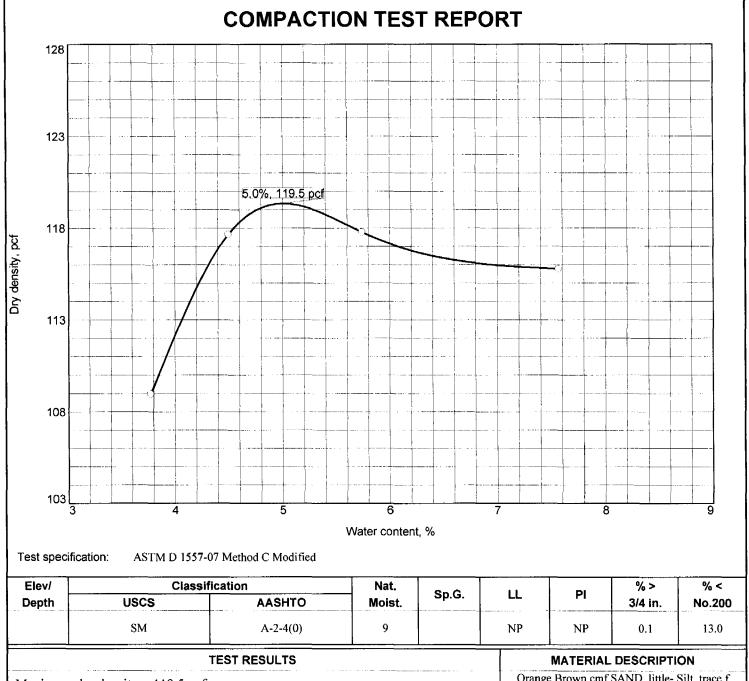
Project No: 07L001A

Figure

Date: 1/21/15

Tested By: MP

Checked By: RT



Maximum dry density = 119.5 pcf
Optimum moisture = 5.0 %

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

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

Remarks:

Remarks:

Checked By: RT

Tested By: MP

ATTACHMENT 5 WASTE DISPOSAL INFORMATION



FREEHOLD CARTAGE INC.

P.O. BOX 5010 • FREEHOLD, NJ 07728-5010 (732) 462-1001 • FAX (732) 308-0924

BILL OF LADING FCI EPA ID NO. NJD054126164

S 590773

350 Pigeon Point Road New Castle, DE 19720 Phone: (302) 658-2005 Fax: (302) 658-6229

175 Bartow Mun. Airport Bartow, FL 33830 Phone: (863) 533-4599 Fax: (863) 533-1613

5533 Dynham Road Maple Heights, OH 44137 Phone: (330) 835-3473

108 Monahan Avenue Dunmore, PA 18512 Phone: (570) 342-7232

132 Myrtle Beach Hwy Sumter, SC 29153 Phone. (803) 773-2611

The second secon	(000) 300-1013	rai	. (330) 633-3732		rax. (3/	U) 342-7307	rax. (a	03) 173-2942	
US HIMY FIN	nmulty	PHONE (AREA CODE)							
Charlest WS		TRACTOR	TRAILE	445		APPOINTMENT	TIME		
FCI REP. LOADING (PRINT)	PROCEDURE	EQUIP	SPOTTED -	QUIP. REMO	OVED	TIME AT SHIP	PER MIL	ITARY TIME ON	LYI
SHOUG	Hira	4/		7714	1	APRIVAL:	<u> </u>	/S . 30	2
COMMENTS OR DELAYS AT SHIPPER	2	-				EQUIPMENT U	TIA	THE PARTY OF THE P	
				1000 Table 1000				**	
BROKER: PO#: W	0#: 111	1613	MANIF	EST/D	ocu	MENT NO	0:01189	525	70J-
(X) PROPER U.S. D.O.T. SHIPPING NAME	lier		PACKII		CONT	NET QUANTIT	UNIT TY MEASUR	WASTE NO.	FORM
1S. Mendes		. =	-	1	m	30) 1/\	-	5
2									
3									
SPECIAL HANDLING INSTRUCTIONS INCLUDIN	IG CONTAINER E	XEMPTION NUME	BER.		2				
SHIPPER'S CERTIFICATION: This is to certify the transportation according to the applicable regulation named. The consignee can and will accept the shipper shi	ons of the Departi pment and has a v	nent of Transporta valid permit to do s	ion, U.S. EPA and o if required. I cert	the State. This for that the for	e materia egoing is	als described about true and correct	ove were consign to the best of m	ned to the Train knowledge.	nsporter
Payment to the contractor for waste removal does not the contractor.	ot constitute payme	ent to the carrier an	d if the contractor o	loes not pay th	ne carrier,	, the shipper is ob	ligated to pay the	agreed rate o	ffered to
PLEASE PRINT NAME/TITLE		SHIPPER'S S	IGNATURE				DATELOA	DED.	
William R Colvin		x Circle	0 0			Army	B /	3/	16
CONSIGNEE NAME ADDRESS			THE ABOVE AND UN	DEHSTAND AND A	NOREE TO A	UL OF ITS CONTENT.	MO.	DAY	YR.
CONSIGNEE NAME/ADDRESS		(AREA CODE)		žL.	8	111			
Balkull MT		TRACTOR	TRAILER	45		APPOINTMENT	TIME :	ALTONIOS LENGALAL	
FCI REP. UNLOADING (PRINT)	PROCEDURE			QUIP. REMO	VED	TIME AT CONS	SIGNEE AND	TARY TIME ON	M
D. VOH	Dur	0 3	671	4		ARRIVAL T	30 /	PARTURE TIME	
COMMENTS OR DELAYS AT CONSIGNEE	1	***				EQUIPMENT US			
PLEASE PRINT NAME/TITLE		CONSIGNEE	SIGNATURE	11.5	v		DATE UNL	DAPED /	VR.
DE DE-HW-203 ME ME- DE-SW-203 ME- IL UPW-0190713-OH MI UPV	I-OPV-2335	MO H- ND WH NH TN NJ S-2 150 NY NJ	1-429 H-0047 1265 139	PA PA-AH	0190713- CANADA 1-0067 CANADA	\$15.00 m	WI	40705 11602 UPW-01907	13-OH

NY NJ-113

RI RI-535

Plé	ase pri	int or type. (Form designed for use on elite (12-pitch) typewrite	er.j	2001 (U.S. 200 - 1	2000			n Approved. OMB No. 2050-0039
1	UNIF	FORM HAZARDOUS 1. Generator ID Number VASTE MANIFEST N. 152 150 25657	2 Page 1 o	3, Emergency Respons	e Phone	4. Manifest 1	racking N	2570 JJK
Н	5. Ge	nerator's Name and Mailing Address		Generator's Sile Address	(if different tha			
П	U.	S Dept of Army-Fort Monmouth - Main Post		A No. O. Plant				
Н	β	O Box 148		Main Post Fort Mountain	adla KLL fil	7700		
П		ксеалукит, NJ 07757 erator's Phone		Called teacherment	26:1 PH D	1403		
Н		Insporter 1 Company Name				U.S. EPA ID N	umher	
Ш	ľ		r					113/1/11
Ш	7 700	Treehold Cartage Inc. (FCI)						1126164
Н	/ Ira	Insporter 2 Company Name J		44		U.S. EPAID N	umber	
Ш								
Н	8 Des	signated Facility Name and Site Address Very Net Disposal, Inc. Site #2 Landhii	*	4		U.S. EPAID N	umber	***
П	45	9359 N. 1-94 Service Drive		1.,		Millio	480000	33
П	25	eliaville, All 18111		₹6				
Ш	Facilit	ty's Phone: 800-592-5489		7.			724	
Ш	9a.	9b. U.S. DOT Description (including Proper Shipping Name, Hazard	Class ID Number.	10. Conta	iners	11. Total	12. Unit	
Н	НМ	and Packing Group (if anyl)		No.	Туре	Quantity	Wt/Vol	13. Waste Codes
Ш	X -	1. RCr. Ut) 3432. Polychleringfad Biphenyls, So.	lid Michiga Class & P	GIND XXI	40000	10 2777	Y _Q	PCB1
5		ERG# 1/1		12.11	S=121	18,000		CGUI
١ş								
GENERATOR		2	11 100		++			
뜅			1413		1 1			
1		111	141)		1 1			
Н	_	3						4
П				l	1 1	151		
П								
Н		4	Desire and the second					
П		4				,		
Н					1 1			
Ш	41.0				<u> </u>			
		pecial Handling Instructions and Additional Information (SU185WDI - PCB Soil & Concrete Tru),	k # 895 T	- dow # 1111	1100			
П	1	With the point concrete IUV	1 675 H	value in 44	13	J. Carrier		
П	A	WLPO # 14485 MP	LI America () d					
		<i></i>	x # 0714	210				
	15. 0	GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that marked and labeled/placarded, and are in all respects in proper condition	t the contents of this consignment	nt are fully and accurately de	escribed above	by the proper shi	pping name	e, and are classified, packaged,
П	Ë	Exporter, I certify that the contents of this consignment conform to the	terms of the attached EPA Ackno	xicacie international and na xiviedoment of Consent.	uonai governine	ntai regulations.	ir export sr	apment and I am the Primary
Ш	- 1	certify that the waste minimization statement identified in 40 CFR 262	2.27(a) (if I am a large quantity ge	enerator) or (b) (if I am a sm	all quantity gen	erator) is true		
Н		rator's/Offeror's Printed/Typed Name						
1	1		S	ignature	/*T	2	.000	Month Day Year
INTL	40 14		S		Ann	Par US	الوى إشر	
Z	16. Int	William & Calvino ternational Shipments	s [/	WARRE		Rus	ا او م (شر ند	
1	Trans	William & Colvin	S	WARRE	ntry/exit:	Ri US	ا لو <i>کا</i> لتر م	
E.	Trans	dillaria Colvinu ternational Shipments Import to U.S.	s [/	U.S. Port of e	ntry/exit:	Per US	F)(11)	
RTER	Trans	ternational Shipments Import to U.S.	S (U.S. Port of e	ntry/exit:	Pa US	Ales	, 108/03/16
PORTER	Trans	ternational Shipments Import to U.S. sporter signature (for exports only): ansporter Acknowledgment of Receipt of Materials porter 1 Printed/Typed Name	S (n U.S. Port of el Date leavignature	ntry/exit:	A US	F)(1)	, 08 03 16
NSPORTER	Trans	ternational Shipments Import to U.S. sporter signature (for exports only): ansporter Acknowledgment of Receipt of Materials	S Export from	n U.S. Port of er Date leaving nature	ntry/exit:	A vs	ACAI	Month Day Year 08 03 16
RANSPORTER	Trans	ternational Shipments Import to U.S. sporter signature (for exports only): ansporter Acknowledgment of Receipt of Materials porter 1 Printed/Typed Name	S Export from	n U.S. Port of el Date leavignature	ntry/exit:	A US	ACH	, 08 03 16
TRANSPORTER	Trans 17. Tra Transp Transp	ternational Shipments Import to U.S. sporter signature (for exports only): ansporter Acknowledgment of Receipt of Materials porter 1 Printed/Typed Name porter 2 Printed/Typed Name	S Export from	n U.S. Port of er Date leaving nature	ntry/exit:	A US	F](p](Month Day Year 08 03 16
→ TRANSPORTER	Transp 17. Transp Transp Transp	ternational Shipments Import to U.S. sporter signature (for exports only): ansporter Acknowledgment of Receipt of Materials porter 1 Printed/Typed Name porter 2 Printed/Typed Name	Export from	nU.S. Port of et Date leavingnature	ntry/exit:			08 03 16 16 16 16 16 16 16 1
→ TRANSPORTER	Transp 17. Transp Transp Transp	ternational Shipments Import to U.S. sporter signature (for exports only): ansporter Acknowledgment of Receipt of Materials porter 1 Printed/Typed Name porter 2 Printed/Typed Name	S Export from	n U.S. Port of er Date leaving nature	ntry/exit:	€ US		Month Day Year 08 03 16
TRANSPORTER	Transp 17. Transp Transp Transp	ternational Shipments Import to U.S. sporter signature (for exports only): ansporter Acknowledgment of Receipt of Materials porter 1 Printed/Typed Name porter 2 Printed/Typed Name	Export from	a U.S. Port of et Date leavingnature	ntry/exit:			08 03 16 16 16 16 16 16 16 1
TRANSPORTER	Transp 17. Transp Transp 18. Dis	ternational Shipments	Export from	nU.S. Port of et Date leavingnature	ntry/exit:	Partial Rej	ection	08 03 16 16 16 16 16 16 16 1
TRANSPORTER	Transp 17. Transp Transp 18. Dis	ternational Shipments Import to U.S. sporter signature (for exports only): ansporter Acknowledgment of Receipt of Materials porter 1 Printed/Typed Name porter 2 Printed/Typed Name	Export from	a U.S. Port of et Date leavingnature	ntry/exit:		ection	08 03 16 16 16 16 16 16 16 1
TRANSPORTER	Transp 17. Transp Transp 18. Dis 18a. D	ternational Shipments	Export from	a U.S. Port of et Date leavingnature	ntry/exit:	Partial Rej	ection	08 03 16 16 16 16 16 16 16 1
FACILITY TRANSPORTER	Transp 17. Transp Transp 18. Dis 18a. D	ternational Shipments	Export from	a U.S. Port of et Date leavingnature	ntry/exit:	Partial Rej	ection	Month Day Year OS O3 16 Month Day Year Month Day Year Full Rejection
FACILITY TRANSPORTER	Transp 17. Transp Transp 18. Dis 18a. D	ternational Shipments	Export from	a U.S. Port of et Date leavingnature	ntry/exit:	Partial Rej	ection	08 03 16 16 16 16 16 16 16 1
FACILITY TRANSPORTER	Transp 17. Transp Transp 18. Dis 18a. D	ternational Shipments	Export from	it U.S. Port of et Date leaving nature Residue Manifest Reference	ntry/exit:	Partial Rej	ection	Month Day Year OS O3 16 Month Day Year Month Day Year Full Rejection
FACILITY TRANSPORTER	Transp 17. Transp Transp 18. Dis 18a. D	ternational Shipments	Export from	it U.S. Port of et Date leaving nature Residue Manifest Reference	ntry/exit:	Partial Rej	ection	Month Day Year OS O3 16 Month Day Year Month Day Year Full Rejection
TRANSPORTER	Transp 17. Transp Transp 18. Dis 18a. D	ternational Shipments	Export from	it U.S. Port of et Date leaving nature Residue Manifest Reference	ntry/exit:	Partial Rej	ection	Month Day Year OS O3 16 Month Day Year Month Day Year Full Rejection
FACILITY TRANSPORTER	Transp 17. Transp Transp 18. Dis 18a. D	ternational Shipments	Export from	it U.S. Port of et Date leaving nature Residue Manifest Reference	ntry/exit:	Partial Rej	ection	Month Day Year OS O3 16 Month Day Year Month Day Year Full Rejection
FACILITY TRANSPORTER	Transp Transp Transp 18. Di 18b. A Facility 18c. S	ternational Shipments	Export from S S Type Type 3.	Residue Manifest Reference sal, and recycling systems)	ntry/exit:	Partial Rej	ection	Month Day Year OS O3 16 Month Day Year Month Day Year Full Rejection
FACILITY TRANSPORTER	Transp Transp Transp 18. Di 18b. A Facility 18c. S	ternational Shipments	Export from S S Type Type azardous waste treatment, disponents of the management of the managemen	Residue Manifest Reference sal, and recycling systems)	ntry/exit:	Partial Rej	ection	Month Day Year OS O3 16 Month Day Year Month Day Year Full Rejection

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

5 c r B 3

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	7		21.050 TONS	
	Hazardous Surcharge Ton	47.		21.050 TONS	
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH I	MAIN POST			
	Gross: 79,020 Tare: 36,920 Net: 42,	100			
2	Wayne Disposal Host Community Agreement Royalty Fee	-	55.1°C	21.050 TONS	
	NJ3210020597 US DEPT, OF ARMY-FORT MONMOUTH I	MAIN POST			
	Gross: 79,020 Tare: 36,920 Net: 42,	100			



INDUITORD CANTAGE HIV.

11

P.O. BOX 5010 • FREEHOLD, NJ 07728-5010 (732) 462-1001 • FAX (732) 308-0924

DIFF OF FUDING FCI EPA ID NO. NJD054126164

\$ 590931

350 Pigeon Point Road New Castle, DE 19720 Phone: (302) 658-2005 Fax: (302) 658-6229

175 Bartow Mun. Airport Bartow, FL 33830 Phone: (863) 533-4599 Fax: (863) 533-1613

5533 Dunham Road Maple Heights, OH 44137 Phone: (330) 835-3473 Fax: (330) 835-3732

108 Monahan Avenue Dunmore, PA 18512 Phone: (570) 342-7232 Fax: (570) 342-7367

132 Myrtle Beach Hwy Sumter, SC 29153 Phone: (803) 773-2611 Fax. (803) 773-2942

SHIE	PER NAME/ADDRESS		PHONE					1111	1 1	111	-
,			IAREA TRACT	The state of the s	TRAILER			APPOINTMENT TIME			
0	PRINTER 1 HILL		- Pinne	96	410	(AFFORTMENT TIME	:		
FCI	CROVING (PRINT)	PROCEDUR	RE	EQUIP. SPOT	ED EQUI	P. REMO	VED	TIME AT SHIPPER	(MILITA	RY TIME ONL	Y)
		Right	1000		34	50)	ARRIVAL TIME			
	IMENTS OR DELAYS AT SHIPPER		, mar.	<u>.</u>	05	0-1		EQUIPMENT USED		1.5	L .
ic	od Transferred (9010	to Osc	0=1) Ru	()						(F)	146
_	OKER:	-1.1	1 / 0	, ,	AANIEEC	TID	OCU	MENT NO.		1	
PO	#: W	0#:	1690	n)	MAINIFES	170	- -	WENTING.		1	
(X) HM	PROPER U.S. D.O.T. SHIPPING NAME		U.S. D.O.T. ZARDOUS CLASS	NA/UN/NO.	PACKING GROUP	NO. CONT.	CONT. TYPE		UNIT MEASURE	WASTE NO.	FORM
K	1 See Man las		9	34136	TIT	1	(41	30	4		
	2										
	3										
SPE	LI CIAL HANDLING INSTRUCTIONS INCLUDIN	NG CONTAIN	ER EXEMPTION	ON NUMBER.	1	l					
	24										
SHIF	PER'S CERTIFICATION: This is to certify t	hat the above	e named mate	rials are properly	/ classified, des	cribed, p	oackage	d, marked and labeled a	and are in p	proper condi	tion for
trans	portation according to the applicable regulated. The consignee can and will accept the sh	ions of the De	epartment of Tr	ransportation, U.S	EPA and the	State, Th	e materia	als described above wer	e consigner	to the Tran	sporter
Payn the c	nent to the contractor for waste removal does rontractor.	not constitute p	payment to the	carrier and if the	ontractor does	not pay th	e carrier	, the shipper is obligated	to pay the a	greed rate of	ered to
PLE/	SE PRINT NAME/TITLE			PPER'S SIGNAT			0		ATE LOADE	D	_
U	Allian & ColuN		X	DECERCION DE AL			77	ALL OF ITS CONTENT	8 / MO.	S //	YR.
CON	SIGNEE NAME/ADDRESS		PHONE						, ,	1 1 1	
3,	8		(AREA								
-73	soll-wille Mz		TRACT	OR)((/	TRAILER			APPOINTMENT TIME	NE T		
_	REP. UNLOADING (PRINT)	PROCEDUR		LEQUIP. SPOTT		P. REMO	VED	THE AT CONSIGNE	- Contract of		NO.
	Ch prince	1)01		EQUIP. SPOTI	00	- HEMU	VED	TIME AT CONSIGNEE 13.30 ARRIVAL TIME	10	RY TIME ONL	
COM	MENTS OR DELAYS AT CONSIGNEE							EQUIPMENT USED	0.61.4	INTONE TIME	
PLEA	SE PRINT NAME/TITLE		CON	NSIGNEE SIGNA	TURĘ'		1 /	D	ATE UNLO	DED	A
			х	(11/	1800	1.15		01	3.00	16
	11000								MO.	DAY	YR.
CT		1-OPV-2335		MO H-1490 ND WH-429		H UPW- K UPW-				0705 1602	
DE		-HWT-47 -WOT-47		NH TNH-0047 NJ S-2265		NTARIO, A PA-AI		A A 840943		JPW-019071	13-OH
IL	UPW-0190713-OH MI UP	N-0190713-0	H	15939				QC-6ML-047	14.		

NY NJ-113

RI RI-535

Gold - Retained by Generator

MA MA-294

MN UPW-0190713-OH

Ple	ase print or type. (Form design		h) typewriter.)					For	n Approved, OMB No. 2050-003
1	UNIFORM HAZARDOUS WASTE MANIFEST	1, Generator ID Number FIJ32 (QIV20597		2. Page 1 of 1,3. Ęr	nergency Respons	e Phone	4. Manifest	Tracking N	2565 JJK
П		ng Address act televramentatis - Adams F	^t ust			(if different t	than mailing addres	55)	
	P.O. Box 148 Coranport, HJ 077	57			Main Phst Psut Meanna	ulh, Mi	07703		
П	Generator's Phone								
Ш	6 Transporter 1 Company Nam	lartage Inc.	(FCI)				U.S. EPAID I		54126164
П	7. Transporter 2 Company Nam		,				U.S. EPA ID N	lumber	1)=10 0
	8. Designated Facility Name and						U.S. EPA ID N	(17)	
	Programme Disposal, to Programme All Allertic Religions, Mi Allertic	Cur Linive						44000%	14
	Facility's Phone:	409					1		
	HM and Packing Group (if a				10. Contai	ners Type	11, Total Quantity	12 Unit Wt./Vol.	13 Waste Codes
GENERATOR -	1. Rod 1873-32 ERG# 171	г муспоньей и мрае	nym, tronu, rabyture, s	lates W. P'Cs III :	XXI	V PVI	30,000	13	PCHI
- GEN		4422							- 1 -
}	3.		v		B **				
	4							-	
	14. Special Handling Instruction	es and Additional Information C-CSES 12 (1992) (1993)	Thuk #	796 Trie	ler # 40)S	!		3 11
	AWT 150, # 14485 r	MP ¹	Tax #-9				La La		÷.
	Exporter, I certify that the	R'S CERTIFICATION: I hereby rded, and are in all respects in p contents of this consignment co imization statement identified in	proper condition for transport ac inform to the terms of the attach	cording to applicable in ed EPA Acknowledgme	ternational and nati nt of Consent.	ional governn	nental regulations.	pping name If export shi	, and are classified, packaged, pment and I am the Primary
ļ	Generator's/Offeror's Printed/Ty	ped Name		Signature	mec	Hi has	o de la	1/-	Month Day Year 1915 1/6
INT	16. International Shipments Transporter signature (for expo			Export from U.S.	Port of en Date leavi	itry/exit:		.,	
3TER	17. Transporter Acknowledgmen Fransporter 1 Printed/Typed Nat	9 5		Signature	GE				Month Day Year
SPO	KILLIM	13 g			1	- T APO	N. 1. N		105/03/16
TRANSPORTER	Transporter 2 Printed/Typed Na	me		- Signature					Month Day Year
1	18. Discrepancy			<u> </u>	<u> </u>				
	18a Discrepancy Indication Spa	Quantity	Туре		Residue		Partial Rej	ection	Full Rejection
È	18b. Alternate Facility (or Gener	ator)			Manifest Reference	e Number.	U.S. EPA ID N	lumber	
ACIL	Facility's Phone:	8 * ÷					1		х.
DESIGNATED FACILITY	18c. Signature of Alternate Faci	ity (or Generator)							Month Day Year
SIG	19. Hazerdous Waste Report M	CONTRACT OR STATE OF THE PARTY	codes for hazardous waste tre		ecycling systems)				
ā	1. Plb	2.		3.			4		7
	20. Designated Facility Owner of Printed/Typed Name	Operator Certification of rece	ipt of hazardous materials cove			m 18a	, _	400	Months Press Vers
	Printed/Typed Name		ile.	Signature 	-1		Server.		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: 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	Qty, Unit
	Generator	
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	



FREEHOLD CARTAGE INC.

P.O. BOX 5010 • FREEHOLD, NJ 07728-5010 (732) 462-1001 • FAX (732) 308-0924

BILL OF LADING FCI EPA ID NO. NJD054126164

\$ 590772

350 Pigeon Point Road New Castle, DE 19720 Phone: (302) 658-2005 Fax: (302) 658-6229

175 Bartow Mun. Airport Bartow, FL 33830 Phone: (863) 533-4599 Fax: (863) 533-1613

5533 Dunham Road Maple Heights, OH 44137 Phone: (330) 835-3473

108 Monahan Avenue Dunmore, PA 18512 Phone: (570) 342-7232 Fax: (570) 342-7367

132 Myrtle Beach Hwy. Sumter, SC 29153 Phone: (803) 773-2611 Fax. (803) 773-2942

SHI	PPER NAME/ADDRESS	W	PHON	5 mm (000)			100000				,	
	US AKMILLE	100 100	(AREA	CODE)								
(Y poccest 1	14	TBACI		TRAIL	ER ILIC	. **	,	APPOINTMENT T	IME :		
EC!	REP. LOADING (PBINT)	I PROCE	EDURE	EQUIP. SPO	TED	Leon	B DEMO	VED.	THE AT OURDON	o - amer	ADV THE ON	11.00
1	HEF. LOADING (PBHVI)	PHOCI	EDURE	EQUIP. SPO	HEU	EUUI	P. REMO	VED.	TIME AT SHIPPE	:н (мішт	ARY TIME ON	LYJ
Ü) (JOI)	11	A COC			10	60.)	ARRIVAL TIM	AE DEF	ARTURE TIM	
CO	MMENTS OR DELAYS AT SHIPPER								EQUIPMENT USE			
	**											
BF	OKER:			descent			37.00-37	J.		- 1 -	190	
PC	#: ARE	WO#:	111683	10000	MAN	IFES	T/D	ocui	MENT NO.	01125	3536	"JH
(X) HM	PROPER U.S. D.O.T. SHIPPING	NAME	U.S. D.O.T. HAZARDOUS CLASS	NA/IJN/NO.		KING OUP	NO. CONT.	CONT. TYPE	NET QUANTITY	UNIT MEASURE	WASTE NO.	FORM.
	1 Su Meride	المرا	_		V.	-	1		30	W-	_	Q,
							i	5000		110		1
	2			F								
	3											0
SPE	JL CIAL HANDLING INSTRUCTIONS INC	UDING CON	TAINER EXEMPTI	ON NUMBER.			l					
		_										
tran	PPER'S CERTIFICATION: This is to ce sportation according to the applicable re	gulations of the	ne Department of T	ransportation. L	J.S. EPA a	nd the	State, The	e materia	Is described above	e were consigne	d to the Tra	fition for
пап	ed. The consignee can and will accept t	he shipment a	and has a valid perr	nit to do so if re	quired. I c	ertify th	at the fore	egoing is	true and correct to	the best of my	knowledge.	
Pay	ment to the contractor for waste removal o	loes not const	itute payment to the	carrier and if th	e contracto	or does	not pay th	e carrier,	the shipper is oblig	ated to pay the a	igreed rate o	ffered to
	ASE PRINT NAME/TITLE		I SHI	PPER'S SIGNA	TURE				-	DATE LOAD	FD 1	. 171 5.55
			v	Late Of rock	Re	ينام و	Ken	119	Almy	61	1 /	6
U	Villiam ECOVIN	-	^	THAVE READ THE	ABOVE AND	UNDERS			LL OF ITS CONTENT	MO.	DAY	YR
COI	NSIGNEE NAME/ADDREŞS	- 4	PHONE	.					***			
1	Just dited	ar i										
10			TRACT	THE RESERVE TO THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN	TRAIL	ER.	4		APPOINTMENT T	IME	± 0 0 7 # 481 64	nane i
1	The proof		8		13	1						
	REP. UNLOADING (PRINT)	PROCE		EQUIP, SPO	TTED		P. REMO	VED -	TIME AT CONSI	SNEE (MILIT	ARY TIME ON	LYI
1		1			C6-1	1		OE_	15.6		0.16	
,	- VENTE	_^	17/1/	100000	ميان ال	100		4	ARRIVAL TIN		ARTURE TIM	E 25945
CO	MMENTS OR DELAYS AT CONSIGNEE		¥.						EQUIPMENT USE	D		
PLE	ASE PRINT NAME/TITLE	-6	CO	NSIGNEE SIGN	IATURE	2057	-2 2		And the second s	DATE UNLO	ADED	11
			X	(har	/ L	14	6		61	101	16
L				h-						MO.	DAY	YR.
AR	H-0257 MC	HWH-167		MO H-1490		0	H UPW-	0190713-	-OH	TX	40705	
354	CT-HW-307	2001-OPV- ME-HWT-4		ND WH-429				0190713-		w	11602	1.
UE	DE-SW-203	ME-WOT-4	7	NH TNH-00 NJ S-2265	47		NTAHIO, A PA-AH		A 840943	wv	UPW-01907	713-OH
		UPW-01907 UPW-01907		15939 NY NL113			UEBEC, (QC-6ML-047			

NY NJ-113

RI RI-535

White - FCI Original Yellow - FCI Billing

MA MA-294

Blue - FCI Office/Customer Green - Retained by TSDF Gold - Retained by Generator

\$590772

Ple	ase	print or type. (Form designed for use on elite (12-pitch) typewriter.)							Approved OMB No. 2050-0039
1	L	NIFORM HAZARDOUS 1. Generator ID Number WASTE MANIFEST N.33210076597	2. Page 1 of	- 1	rgenc; Response	Phone	4. Manifest	Tracking No	2564 JJK
11	5	Generator's Name and Mailing Address			or's Site Address	if different th			
П	1	US Dept of Army Fort Monaputh - Main Post		1.1	lan Post				
П	1	P.O. Box 148 Oceanport, NJ 07757			unt Afrectance	dia N1 7	17703		100
П	G	enerator's Phone;	1						
П	6	Transporter 1 Company Name					U.S. EPAID N		
		Freehold Cartage Inc.			5		100	DO	54126164
П	7.	Transporter 2 Company Name - 1					U.S. EPAID N	lumber	Ŧ
	L								
П	8	Designated Facility Name and Site Address VVaytre 1のほかのまた Rica Site 第2 Landfill					U.S. EPA ID N	lumber	
		49 fbtH 1 H4 Service Drive Belle 885, 841-4011 ((w)		LATER.	Alwin Mari	3.6
Н	1	100-500 5-50000 5-500 5-500 5-500 5-500 5-500 5-500 5-500 5-500 5-500 5-500 5-	*		ě.				
П	F	acity's Phone:							
		a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	; .'		10. Contain		11, Total	12. Unit	13 Waste Codes
	1		108 M 13	17,	No.	Type C/L1	Quantity	WL/Vol.	05001
8		1 13:54 1/1	(11) 20 CL 10 CL		AAT	Gaffa I	20,000	Ka	201
Æ		Tripl #895 Box oces						7	
GENERATOR	1	2.							
GE				1					
11	١			(A)					
П		3.							
П	1			1					W 15
П	L								
11		4.							
П	1	ł de la de l							
П	1	Special Handling Instructions and Additional Information							
П	1	1169 (BhVVIA) PCB Sun & Concrete Ins. 4 + 1	375						
П		ASVITED RITHRESHER BY A	1 11 "						
П		MA # C	all Cila		2.17	N.			5000 AIC 4 500 DA 500 D 0
	1	GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this marked and labeled/placarded, and are in all respects in proper condition for transport according to the content of th	consignment	are fully a	and accurately des	cribed above	by the proper sh	ipping name	, and are classified, packaged,
П		Exporter, I certify that the contents of this consignment conform to the terms of the attached	d EPA Acknow	iedgment	of Consent.			n expect on	
П	-	I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a largenerator's/Offeror's Printed/Typed Name		erator) or nature	(b) (if I am a small	I quantity ge	nerator) is true.		Month . Day Year
	1	Walson La WARN	ı ı		1710	15.	Un 1910	:	1-18/10/11/2
-		5 International Shipments	1_				Charles	,	1.8.111 /21
TRANSPORTER INT'I	1	iransporter signature (for exports only)	Export from (J.S.	Port of ent Date leaving				
E	1	7. Transporter Acknowledgment of Receipt of Materials							
PAT	T	ansporter 1 Printed/Typed Name	Sig	nature		28.1			Month Day Year
ds	Ĺ				N 45	3 / No. "			
NA	1	ransporter 2 Printed/Typed Name	Sig	nature		ż			Month Day Year
۴	_								
11	-	8. Discrepancy		-					
П	1,	Ba. Discrepancy Indication Space Quantity Type		L	Residue		Partial Rej	ection	Full Rejection
П	1				anifost Daforanso	Alimban			
l≥	- 1	Blu. Alternate Facility (or Generator)		IVI	anifest Reference	MULIDEL.	U.S. EPA ID I	Number	
Ę									
FA	F	amility's Phone:					1		
15	1	c. Signature of Alternate Facility (or Generator)							Month Day Year
DESIGNATED FACILITY									
Sign	1	Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste trea	tment, disposa	il, and red	cycling systems)		- 1:		
2	5 1	11. 15	3.				4.		
11	1	Designated Facility Owner or Operator Certification of receipt of hazardous materials cover	ad by the meet	fact avea	ent as autod in Ita-	182			
11		hrited/Typed Name		nature	pt as nices in Ren	ı rud			Month Day Year
11		1 1/2 1 (5, 3, 1)	1			£	72	8	1 1 1 2

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	9 41:	Qty. Unit	
1 - 1	I150185WDI - PCB Concrete	16	20 950 TONS	
	Hazardous Surcharge Ton .	1	20.950 TONS	
	NJ3210020597 US DEPT. OF ARMY-FORT MONMOUTH MAIN POST			
	Gross: 78,980 Tare: 37,080 Net: 41,900	22. 2		
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	0.000000		



FREEHOLD CARTAGE INC.

P.O. BOX 5010 • FREEHOLD, NJ 07728-5010 (732) 462-1001 • FAX (732) 308-0924

BILL OF LADING FCI EPA ID NO. NJD054126164

S 590953

350 Pigeon Point Road New Častle, DE 19720 Phone: (302) 658-2005 Fax: (302) 658-6229

175 Bartow Mun. Airport 👡 Bartow, FL 33830 Phone: (863) 533-4599 Fax: (863) 533-1613

5533 Dunham Road Maple Heights, OH 44137 Phone: (330) 835-3473 Fax: (330) 835-3732

108 Monahan Avenue Dunmore, PA 18512 Phone: (570) 342-7232 Fax: (570) 342-7367

132 Myrtle Beach Hwy Sumter, SC 29153 Phone. (803) 773-2611 Fax: (803) 773-2942

SHIPPER NAME/ADDRESS		PHONE					1 1 1	1 1	1 1	1 1 1	î
		[AREA	A CANADA AND A CAN								
		TRACT	OR	TRAILER	să.		APPOINTME	NT TIME			
Citar Rea NX		10	10	4100	97 77 79						
FCI REP. LOADING (PRINT)	PROCEDURE		EQUIP. SPOT		P. REMO	VED	TIME AT.SH	HPPER	[MILITA	RY TIME ONL	.Y)
Probert Moure	Remove	1	7.0	16	301	- 3	ARRIVA	L TIME	DEPA	RTURE TIME	
COMMENTS OR DELAYS AT SHIPPER	J.		(5-5	96195 2)		EQUIPMENT	-			
Osignal In Ho	us- L	120		sugar S		eus	Manhadagayin				17.2
BROKER:	1 6	IN	0	,	0					- 2	T L
PO#: W	0#: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	YHU	2 2 4	MANIFES	T/D	OCU	MENT N	10.			
(X) HM PROPER U.S. D.O.T. SHIPPING NAME		D.O.T.	NA/UN/NO.	PACKING GROUP	NO. CONT.	CONT	NE QUAN		UNIT MEASURE	WASTE NO.	FORM
X 1	0	<u></u>	34137	U	Į	CM	30	2	Y		
2										-	\Box
3											
SPECIAL HANDLING INSTRUCTIONS INCLUDIN	NG CONTAINER E	XEMPTIC	ON NUMBER.		1	1	ļ				1
	1										
SHIPPER'S CERTIFICATION: This is to certify t transportation according to the applicable regulat	ions of the Departr	ment of Ti	ransportation, U.	S. EPA and the	State. Th	e materia	Is described:	above wer	e consigned	to the Tran	tion for
named. The consignee can and will accept the sh	ipment and has a	valid pem	nit to do so if req	uired. I certify th	at the for	egoing is	true and corr	ect to the I	best of my k	nowledge.	
Payment to the contractor for waste removal does rethe contractor.	not constitute paym	ent to the	carrier and if the	contractor does	not pay th	ne carrier,	the shipper is	obligated	to pay the a	greed rate of	lered to
PLEASE PRINT NAME/TITLE		SHI	PPER'S SIGNAT	URE				D	ATE LOADE	D	7 12
		x							8/	1 /	16
			THAVE READ THE A	BOVE AND UNDERS	TAND AND	AGREE TO	LL OF ITS CONTE	ENT	MO.	DAY	YR.
CONSIGNEE NAME/ADDRESS		PHONE					1 1	1 1 1	1 1	1 1 1	1
Too day District		(AREA	CODE)			1			11		
		TRACT		TRAILER			APPOINTME	NT TIME			
Pollwille mi		70	T (=	4165					:		
FCLREP. UNLOADING (PRINT)	PROCEDURE		EQUIP. SPOT	TED EQUI	P. REMO	VED	TIME AT CO		ATLIM)	RY TIME ONL	Y)
Webs 11 Millians	1-616	\cap				1		3C	10	:30	
COMMENTS OF DELAYS AT CONSIGNEE			5-5	46992	P-8-11-04-0-72-0	100	ARRIVA EQUIPMENT	Market Comment of the	UEP	ARTURE TIME	
Craval Iv kess	1- C Bu	Ci.ai		1- 1-00-5	<i>C</i>						
PLEASE PRINT NAME/TITLE		cof	NSIGNEE SIGN	ATURE				D	ATE UNLOA	-07	-2°6'a1
		X							8/	2/	G
									MO.	DAY	YA.
AR H-0257 MD HW	/H-167 11-OPV-2335		MO H-1490			0190713			TX 4		
0.01-1111-001	n-UPV-2335 -HWT-47		ND WH-429 NH TNH-004	10		0190713 CANAD	-OH A A 840943			1602 JPW-01907	13.OH
DE-SW-203 ME	-WOT-47 W-0190713-OH		NJ \$-2265	P.	A PA-Al	H-0067			AAA (7E 11-0150/	13-OF
10 0.11 0.001 10 0.11	W-0190713-OH W-0190713-OH		15939 NY NJ-113		UEBEC, (QC-6ML-0	147			

NY NJ-113

Ri Ri-535

MA MA-294

T Igo	T-*-	Generator ID Number	typewnter.)	2 Page 1 of	I 1 Empr	ency Respons	a Dhone	I Hanifast	Form	n Approved OMB No. 2050-003
	UNIFORM HAZARDOUS WASTE MANIFEST 5 Generator's Name and Mailin	h1/3.231603/hes/		1	1732	(13-100t)		4. Manifest	185	2563 JJK
	Uk (Log): I famy i i O (Sing 14): Carompont i d (Fe) Generator's Phone	ur Morganith - Main Po 12	sł.		1.	r's Site Address		nan mailing addre	ss)	
	6 Transporter 1 Company Nan			*				U.S. EPAID	Number	1129164
	7. Transporter 2 Company Nam	in the contraction of the contra		-4				U.S EPAID!	Number	and the f
	8. Qesignated Facility Name at 43.3500 to 1.01 Sector Controller Adv. 2011	JE Diver						U.S. EPAID I	Number i 1 ₈ (3) ₌ (3) ₅	33
	Facility's Phone: (37)(+ fall(4)) (>P9				•		Ī		
	HM and Packing Group (if a				F	10. Conta No.	iners Type	11. Total Quantity	12 Unit Wt./Vol.	13 Waste Codes
ATOR -	Truck #	тъустаннае врене 197.	all Suga Layres 1	, lets prove 121.	Hi ·	XXI	111/4	34,00.0	Kg	PCD3
GENERATOR	2. 3.	;								
	4. 14 Special Handling Instruction	s and Additional Information SON G Concrete								
	AWT PO. # 14485-8	MP C		_		0.0		+		
	marked and labeled/placar Exporter, I certify that the	R'S CERTIFICATION: I hereby did ded, and are in all respects in pro- contents of this consignment confo imization statement identified in 40	per condition for transport a rm to the terms of the attact	ccording to appli hed EPA Acknow	cable intern rledoment o	ational and nat I Consent.	tional governi	mental regulations.	ipping name If export sh	and are classified, packaged, ipment and I am the Primary
↓	Generator's/Offeror's Printed/Ty	ped Name OV:N JON US	34044						9000	Month Day Year
INTL	16. International Shipments Transporter signature (for expo	Import to U.S.		Export from I	J.S.	Port of each		11		
TER	17. Transporter Acknowledgmen							co		
TRANSPORTER	Transporter 1 Printed/Typed Nai	9 - 1 - 1 - C			nature		1			Month Day Year
TRA	manaparar a rimica ripea ria	The state of the s		~ 	nature					Month Day Year
1	18. Discrepancy			<u> </u>						
	18a Discrepancy Indication Spa	Ouantity	Туре		d in	Residue	1 _	Partial Rej	ection	Full Rejection
DESIGNATED FACILITY	18b Alternate Facility (or Gener	ator)			ir Mar	nifest Referenc	е митрег.	U.S. EPA ID 1	Number	
DE	Facility's Phone: 18c. Signature of Alternate Faci	ity Inc Ganaratasi								To .
SNATE		# 2 %								Month Day Year
ESK	19. Hazardous Waste Report M.	anagement Method Codes (i.e., co	ides for hazardous waste be		, and recyc	ding systems)	.,			
٦		2.		3.		ì.		4.	9	
	20. Designated Facility Owner of Printed/Typed Name	Operator: Certification of receipt	of hazardous materials cove			as noted in Ite	m 18a			
	Printed/typed Name	phylippe sem) 	nature ,	1	1			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

ine	Description	3.0	Qty Unit	
21 278	Generator			
- 1	I150185WDI - PCB Concrete	The state of the s	20 360 TONS	
	Hazardous Surcharge Ton	12	20 350 TONS	
	NJ3210020597 US DEPT OF ARMY-FORT MONMOUTH MAIN I	POST		
	Gross: 78,020 Tare: 37,300 Not: 40,720			
	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			

PREELIGED CARTAGE INC.

P.O. BOX 5010 • FREEHOLD, NJ 07728-5010 (732) 462-1001 • FAX (732) 308-0924

DIEL OF LADING FCI EPA ID NO. NJD054126164

s 579185

350 Pigeon Point Road New Castle, DE 19720 Phone: (302) 658-2005 Fax: (302) 658-6229

175 Bartow Mun, Airport Bartow, FL 33830 Phone: (863) 533-4599 Fax: (863) 533-1613

5533 Dunham Road Maple Heights, OH 44137 Phone: (330) 835-3473 Fax: (330) 835-3732

108 Monahan Avenue Dunmore, PA 18512 Phone: (570) 342-7232 Fax: (570) 342-7367

132 Myrtle Beach Hwy Sumter, SC 29153 Phone: (803) 773-2611 Fax: (803) 773-2942

	S. Contractor											
USH	IPPI S	ER NAME/ADDRESS PERF OF ANY - Total Control of Any - Total Control of Any - Total	manuff - ma	PHON	37)61	3-1660)		9 - 1 1 1	1 1 1	[c]	L
F	C	30x 148		(AREA	CODE)	TRAILER			APPOINTMENT TIME	401		3
1-0	W-	t monmouth n	IZ	1	7417	111/3155(1				:		
FC	RE	P. LOADING (PRINT)	PROCE		EQUIP. SPO	TTED EQU	P. REMO	VED	TIME AT SHIPPER	(MILIT	ARY TIME ON	ILY)
	1/4	Vecus	72	amove		0	741	/	12:15		3:30	
CC	ММ	IENTS OR DELAYS AT SHIPPE		t t	1	17			EQUIPMENT USED	DEI	PARTURE TIM	
										· ·		
В	ROI	KER:					<u> </u>					
PC)#:	870'	WO#:	11696	-7	MANIFES	ST/D	ocu	MENT NOO	18552	CC 77	K
(X) HM		PROPER U.S. D.O.T, SHIP	PING NAME	U.S. D.O.T. HAZARDOUS CLASS	ŅA/IJN/NO.	PACKING GROUP	NO. CONT.	CONT.		UNIT MEASURE	WASTE NO.	FORM
X	1	See manifest		9	3432	亚	01	Cm	70.000	K	RBI	5
	2	7							ESTEC	11		+
	-		<u> </u>					-	-		V	1 39
	3	N										
SP	EC1/	AL HANDLING INSTRUCTIONS	INCLUDING CON	TAINER EXEMPTI	ON NUMBER.					7		
				5		1						
tran	1500	ER'S CERTIFICATION: This is to predation according to the applicable applicable.	ole regulations of the	e Department of T	ransportation, U	J.S. EPA and the	State Th	e materia	als described above wi	ere consider	ed to the Tra	dition for
nar	ned.	. The consignee can and will acc	cept the shipment a	nd has a valid per	mit to do so if re	equired. I certify the	at the for	egaing is	true and correct to the	best of my	knowledge.	isporter
Pay the	me con	nt to the contractor for waste remo stractor.	oval does not consti	tute payment to the	carrier and if th	e contractor does	not pay th	ne carrier	, the shipper is obligate	d to pay the	agreed rate o	ffered to
PLI	AS	E PRINT NAME/TITLE		SH	IPPER'S SIGNA		-	1 -	1	DATE LOAD		.,
1],	Man R Colu	in	X	VICEL	ABOVE AND UNDERS	7 0,5	411	ny	08/		16
	0/0	GNEE NAME/ADDRESS		PHON	=	-		AGREE TO	ALL OF ITS CONTENT	MO.	DAY	YR.
		ayne Disposal		1.80	50) 59 CODE	5-118	59		stet h lyn	aln.	F -	4
									APPOINTMENT TIME	(Sarty File		3
	(SE	elleville MI		2	380	TRAILER 3	>	į		:		
FC	RE	P. UNLOADING (PRINT)	PROCE		EQUIP. SPO	TTED EQU	P. REMO	VED	TIME AT CONSIGNE		ARY TIME ON	LY)
	-	Syda	01	Wood	a	7411		1011	ARRIVAL TIME		PARTURE TIM	_
co	ММ	ENTS OR DELAYS AT CONSIG	NEE	(1.				EQUIPMENT USED		rations in	
					<i>A</i> **			27			71	
PLI	AS	E PRINT NAME/TITLE		СО	NSIGNEE SIGN	ATOBE			1	DATELINLO	ADED	10
				X	M	<i></i>				8/	7 /	/ G
ΔΙ	- н	1-0257	MD HWH-167		MO H-1490		LI DIDIA	0100710	LON	MO.	DAY	YR
C1	C	T-HW-307	2001-OPV-2		ND WH-429	0	H UPW-	0190713	I-OH		40705 11602	
	D	E-HW-203 E-SW-203	ME ME-HWT-47 ME-WOT-47	7	NH TNH-00 NJ S-2265		NTARIO, A PA-AI		A A 840943	WV	UPW-01907	13-OH
		IPW-0190713-OH	MI UPW-01907 MN UPW-01907		15939 NV NL-113	a		CANADA	QC-6ML-047			

se print or type (Form of	IS 1. Generator	ID Number			2 Page 1 of I	3 Emerger	ncy Response	Phone	4. Manifest	Fracking No	umber		
UNIFORM HAZARDO	03								01	185	256	6 .1.	JK
5. Generator's Name and		10020507			1 1		Site Address	(if different th	nan mailing addres				- 1
US Dept of Army		ith . Mun Dr	**			Å.							
P.O. Box 148	CHERORAL STORY	eri - Menti 170	1				n Post Mounno	adh, Kiri	17705				
Oceanport, NJ	07757				1	r/Mr	PARACE INTO	ikii, 140 i	11 /(23				
Generator's Phone 6 Transporter 1 Company	Name			,-					U.S. EPAID	lumber			
		~ T	1mm	\					1 ATT		5412	61/4	
Freehold		e Inc.	T-C-)					U.S. EPA ID N	lumber	3716	WHIP-	
7. Transporter 2 Company	rvaine 9	04		e*					1	110			
	6u- 1-1								U.S. EPAID N	Number			
8. Designated Facility Nam	Te and Site Address	Landhii				- 40				480908	30		
49350 N. I-94 S. Belleville, MI 48	ervice Drive		i								w W		
			f		*				1				
Facility's Prione.	65-248h					t e							-
		Proper Shipping Nan	ne, Hazard Cla	iss, ID Number,			10. Contai	1	11. Total	12. Unit	13.	Waste Cod	25
HM and Packing Grou	****						No	Type	Quantity	Wt./Vol.			1
X 1. RQ, UN-34	32, Polychlori	inated Biphen	yls. Sold	Myture, C	laus 9, PG	111 -	XX1	CM	20,000	K	PCBI		
ERG# 171			p:		6				7,000	Mg			1
					<i>E.</i>								1
2.	1011												
1				40	2.7								1
		S											1
3.	4								24.174				
The state of the s					5v /	- 1					-		+
					eve 15				1		1		1
4.													1
						1		1	1	1	ser ares		
								1	1				2
													201.4
14 Special Handling Inst			Ta ob	14 -71-	7 P	- +	(57)11						N 101 A
14 Special Handling Insti 1150185WEN - F			Truck	# 74	7 B	LX #	0741					*	N SAA A
1150185WD1-F	CB Soil & Co		Truck	# 74	7 B								N 344 A
	CB Soil & Co		Truck	# 74	7 В		0741	5 - 6 - L	, , , , , , , , , , , , , , , , , , ,				2 14 4
1150185VVD1-1 AVV1 PO # 14-1 15. GENERATOR'S/OF	CB Sôil & Co 85 MP FEROR'S CERTIFI	ncrete CATION: Thereby	declare that the	e contents of the	is consignment	s are fully and	accurately d	escribed abo	ve by the proper s				
1150185WD1-1 AVV1 PO # 144 15. GENERATOR'S/OF marked and labeled	SOB Soit & Co. SO MIP FEROR'S CERTIFI placarded, and are	CATION: Thereby o	declare that the	e contents of the	is consignment	t are fully and	i accurately d	escribed abo	ve by the proper s				
1150185VVD1-1 AVV1 PO # 14-1 15. GENERATOR'S/OF	*CB Soil & Co &b MP FEROR'S CERTIFI placarded, and are at the contents of thi	CATION: I hereby of in all respects in profession consignment configurations.	declare that the oper condition to the term	e contents of the for transport ac ns of the attach	is consignment cording to applied EPA Acknow	t are fully and licable interna wledgment of	accurately dational and na	escribed abo tional govern	ve by the proper s mental regulations				
AVI FO # 14-4 15. GENERATOR'S/OF marked and labeled Exporter, I certify that the was Generator's/Offeror's Prin	PCB Soit & Co. 85 MP FEROR'S CERTIFI (placarded, and the te minimization state ted/Typed Name	CATION: Thereby of in all respects in profis consignment configurent in 4	declare that the oper condition to the term	e contents of the for transport ac ns of the attach	is consignment cording to applied EPA Acknow rge quantity get	t are fully and licable interna wledgment of nerator) or (b	I accurately dational and na Consent.	escribed abo tional govern hall quantity o	ve by the proper somental regulations enerator) is true	s. If export s	hipment and	am the Pri	nary
AVI FO # 14-4 15. GENERATOR'S/OF marked and labeled Exporter, I certify that the was Generator's/Offeror's Prin	PCB Soit & Co. 85 MP FEROR'S CERTIFI (placarded, and the te minimization state ted/Typed Name	CATION: Thereby of in all respects in profis consignment configurent in 4	declare that the oper condition to the term	e contents of the for transport ac ns of the attach	is consignment cording to applied EPA Acknow rge quantity get	t are fully and licable interna wledgment of nerator) or (b	I accurately dational and na Consent.	escribed abo tional govern hall quantity o	ve by the proper somental regulations enerator) is true	s. If export s	hipment and	am the Pri	mary
AVI FO # 14-4 15. GENERATOR'S/OF marked and labeled Exporter, I certify that the was Generator's/Offeror's Prin	PCB Soil & Co. 85 MP FEROR'S CERTIFI placarded, and are at the contents of this te minimization state ted/Typed Name	CATION: I hereby of in all respects in proceeds in proceeds in proceeding the conference of the confer	declare that the oper condition to the term	e contents of the for transport ac ns of the attach	is consignment coording to appl led EPA Acknow rge quantity get Sign	t are fully and licable interna wledgment of nerator) or (b gnature	I accurately distributional and na Consent. (If I am a sm	escribed aboutional government quantity of	ve by the proper s mental regulations	s. If export s	hipment and	am the Pri	nary
150185VVDI-F AVVI FO # 14-4 15. GENERATOR'S/OF marked and labeled Exporter, I certify that the was Generator's/Offeror's Print Control of the Control of th	FEROR'S CERTIFI placarded, and are it the contents of the te minimization state ted/Typed Name R D Its	CATION: Thereby of in all respects in profis consignment configurent in 4	declare that the oper condition to the term	e contents of the for transport ac ns of the attach	is consignment cording to applied EPA Acknow rge quantity get	t are fully and licable interna wledgment of nerator) or (b gnature	d accurately dational and na Consent.) (if I am a sm	escribed aboutional governmal quantity of the property of the	ve by the proper somental regulations enerator) is true	s. If export s	hipment and	am the Pri	nary
150185VVDI-F AVI FO # 14-4 15. GENERATOR'S/OF marked and labeled Exporter, I certify the Licertify that the was Generator's/Offeror's Print Licertify that the was Generator's Print	FEROR'S CERTIFI (placarded, and are it the context on state ted/Typed Name R	CATION: Thereby of in all respects in professions consignment conferent identified in 4	declare that the oper condition to the term	e contents of the for transport ac ns of the attach	is consignment coording to appl led EPA Acknow rge quantity get Sign	t are fully and licable interna wledgment of nerator) or (b gnature	d accurately dational and na Consent.) (if I am a sm	escribed aboutional government quantity of	ve by the proper somental regulations enerator) is true	s. If export s	hipment and	am the Pri	mary
150185VVDI - F AV1 FO # 14-4 15. GENERATOR'S/OF marked and labeled Exporter, I certify that the was Generator's/Offeror's Prio	FEROR'S CERTIFI placarded, and are to the contents of this te minimization state ted/Typed Name Column Column	CATION: Thereby of in all respects in professions consignment conferent identified in 4	declare that the oper condition to the term	e contents of the for transport ac ns of the attach	is consignment coording to applied EPA Acknowing quantity ger Signal Export from	t are fully and licable interna wledgment of nerator) or (b gnature	d accurately dational and na Consent.) (if I am a sm	escribed aboutional governmal quantity of the property of the	ve by the proper somental regulations enerator) is true	s. If export s	Migment and	am the Pri	y S
1150185VVD1-F AVV1 FO # 14-1 15. GENERATOR'S/OF marked and labeled Exporter, I certify the Lectify that the was Generator's/Offeror's Prin Light Action 16. International Shipmen Transporter signature (fo 17. Transporter Acknowled Transporter 1 Printed/Typ	FEROR'S CERTIFI placarded, and are it the contents of thi te minimization state ted/Typed Name ted/Typed Name exports only): dgment of Receipt of the Name	CATION: Thereby of in all respects in professions consignment conferent identified in 4	declare that the oper condition to the term	e contents of the for transport ac ns of the attach	is consignment coording to applied EPA Acknowing quantity ger Signal Export from	t are fully and licable interna wledgment of nerator) or (b gnature U.S.	accurately dational and na f Consent. (if I am a sm	escribed aboutional government quantity of the control of the cont	ve by the proper somental regulations enerator) is true	s. If export s	Mc	am the Pri	y S
150185VVD1-F AV1 PO # 14-4 15. GENERATOR'S/OF marked and labeled Exporter, I certify the Licertify that the was Generator's/Offeror's Print Licertify that the was Generator's/Offeror's Print Licertify that the was Generator's/Offeror's Print Licertify that the was Generator's Print	FEROR'S CERTIFI placarded, and are it the contents of thi te minimization state ted/Typed Name ted/Typed Name exports only): dgment of Receipt of the Name	CATION: Thereby of in all respects in professions consignment conferent identified in 4	declare that the oper condition to the term	e contents of the for transport ac ns of the attach	is consignment coording to applied EPA Acknownge quantity ger Signature Signature Export from	t are fully and licable interna wledgment of nerator) or (b gnature	d accurately dational and na Consent.) (if I am a sm	escribed aboutional government quantity of the control of the cont	ve by the proper somental regulations enerator) is true	s. If export s	No.	inth Da	y 3
1150185WDI-F AVVI FO # 14-1 15. GENERATOR'S/OF marked and labeled Exporter. I certify the J.certify that the was Generator's/Offeror's Prin 15. International Shipmen Transporter signature (fo 17. Transporter Acknowled Transporter 1 Printed/Typ	FEROR'S CERTIFI placarded, and are it the contents of thi te minimization state ted/Typed Name ted/Typed Name exports only): dgment of Receipt of the Name	CATION: Thereby of in all respects in professions consignment conferent identified in 4	declare that the oper condition to the term	e contents of the for transport ac ns of the attach	is consignment coording to applied EPA Acknownge quantity ger Signature Signature Export from	t are fully and licable interna wledgment of nerator) or (b gnature U.S.	accurately dational and na f Consent. (if I am a sm	escribed aboutional government quantity of the control of the cont	ve by the proper somental regulations enerator) is true	s. If export s	No.	am the Pri	y 3
150185VVD1-F AV1 PO # 14-4 15. GENERATOR'S/OF marked and labeled Exporter, I certify that the was Generator's/Offeror's Print of the International Shipmen Transporter signature (fo 17. Transporter Acknowled Transporter 1 Printed/Typ	FEROR'S CERTIFI placarded, and are it the contents of thi te minimization state ted/Typed Name ted/Typed Name exports only): dgment of Receipt of the Name	CATION: Thereby of in all respects in professions consignment conferent identified in 4	declare that the oper condition to the term	e contents of the for transport ac ns of the attach	is consignment coording to applied EPA Acknownge quantity ger Signature Signature Export from	t are fully and licable interna wledgment of nerator) or (b gnature	accurately dational and na f Consent. (if I am a sm	escribed aboutional government quantity of the control of the cont	ve by the proper somental regulations enerator) is true	s. If export s	No.	inth Da	y 3
150185VVD1-F AVV1 FO # 14-4 15. GENERATOR'S/OF marked and labeled Exporter, I certify that Lecrify that the was Generator's/Offeror's Printle Common of the Common of th	FEROR'S CERTIFI placarded, and are it the contents of thi te minimization state ted/Typed Name Contents of thi te minimization state ted/Typed Name Contents only)	CATION: Thereby of in all respects in professions consignment conferent identified in 4	declare that the oper condition to the term	e contents of the for transport ac ns of the attach	is consignment coording to applied EPA Acknownge quantity ger Signature Signature Export from	t are fully and licable interna wledgment of nerator) or (b gnature	accurately dational and na f Consent. (if I am a sm	escribed aboutional government quantity of the control of the cont	ve by the proper simental regulations senerator) is true.	n. If export s	No.	am the Priorith Da S 03	y 3 y
AVI PO # 14-4 15. GENERATOR'S/OF marked and labeled Exporter, I certify that the was Generator's/Offeror's Print of the International Shipmen Transporter signature (fo 17. Transporter Acknowled Transporter 1 Printed/Typ	FEROR'S CERTIFI placarded, and are it the contents of thi te minimization state ted/Typed Name Contents of thi te minimization state ted/Typed Name Contents only)	CATION: Thereby of in all respects in professions consignment conferent identified in 4	declare that the oper condition to the term	e contents of the for transport ac ns of the attach	is consignment coording to applied EPA Acknownge quantity ger Signature Signature Export from	t are fully and licable interna wledgment of merator) or (b gnature U.S.	accurately dational and na f Consent. (if I am a sm	escribed aboutional government quantity of the control of the cont	ve by the proper somental regulations enerator) is true	n. If export s	No.	inth Da	y 3
150185VVD1-F AVV1 FO # 14-4 15. GENERATOR'S/OF marked and labeled Exporter, I certify that Lecrify that the was Generator's/Offeror's Printle Common of the Common of th	FEROR'S CERTIFI placarded, and are it the contents of thi te minimization state ted/Typed Name Contents of thi te minimization state ted/Typed Name Contents only)	CATION: I hereby of in all respects in prois consignment contemporary in a consignment to the contemporary in the contemporary	declare that the oper condition to the term	e contents of the for transport acins of the attach (a) (if I am a lar	is consignment coording to applied EPA Acknownge quantity ger Signature Signature Export from	t are fully and licable internal wedgement of gnature U.S.	accurately dational and na Consent.) (if I am a sm Port of e Date lea	escribed about on all quantity of the control of th	ve by the proper simental regulations senerator) is true.	n. If export s	No.	am the Priorith Da S 03	y 3 y
1150185WDI-F AWT FO # 14-4 15. GENERATOR'S/OF marked and labeled Exporter, I certify the I certify that the was Generator's/Offeror's Printed I care in the	FEROR'S CERTIFI placarded, and are it the contents of this te minimization state ted/Typed Name Column	CATION: I hereby of in all respects in prois consignment contemporary in a consignment to the contemporary in the contemporary	declare that the oper condition to the term	e contents of the for transport acins of the attach (a) (if I am a lar	is consignment coording to applied EPA Acknownge quantity ger Signature Signature Export from	t are fully and licable internal wedgement of gnature U.S.	I accurately dational and na Consent.) (if I am a sm Port of e Date lear	escribed about on all quantity of the control of th	ve by the proper simental regulations senerator) is true.	2/ /	No.	am the Priorith Da S 03	y 3
150185VVD1-F AVV1 FO # 14-4 15. GENERATOR'S/OF marked and labeled Exporter, I certify that Lecrify that the was Generator's/Offeror's Printle Common of the Common of th	FEROR'S CERTIFI placarded, and are it the contents of this te minimization state ted/Typed Name Column	CATION: I hereby of in all respects in prois consignment contemporary in a consignment to the contemporary in the contemporary	declare that the oper condition to the term	e contents of the for transport acins of the attach (a) (if I am a lar	is consignment coording to applied EPA Acknownge quantity ger Signature Signature Export from	t are fully and licable internal wedgement of gnature U.S.	accurately dational and na Consent.) (if I am a sm Port of e Date lea	escribed about on all quantity of the control of th	ve by the proper simental regulations senerator) is true.	2/ /	No.	am the Priorith Da S 03	y 3 y
150185WDI-F AWI FO # 14-4 15. GENERATOR'S/OF marked and labeled Exporter, I certify the Licertify that the was Generator's/Offeror's Printed of the International Shipmen Transporter signature (for 17. Transporter 1 Printed/Typ Licertify Printed/Typ Licertify Printed/Typ 18 Discrepancy Indication of the International Shipmen Transporter 1 Printed/Typ Licertify Printed/Typ 18 Discrepancy Indication of the International Shipmen Transporter 2 Printed/Typ 18 Discrepancy Indication of the International Shipmen Transporter 2 Printed/Typ 18 Discrepancy Indication of the International Shipmen Transporter 2 Printed/Typ 18 Discrepancy Indication of the International Shipmen Transporter 2 Printed/Typ 18 Discrepancy Indication of the International Shipmen Transporter 2 Printed/Typ 18 Discrepancy Indication of the International Shipmen Transporter 2 Printed/Typ 18 Discrepancy Indication of the International Shipmen Transporter 2 Printed/Typ 18 Discrepancy Indication of the International Shipmen Transporter 3 Printed/Typ 18 Discrepancy Indication of the International Shipmen Transporter 3 Printed/Typ 18 Discrepancy Indication of the International Shipmen Transporter 3 Printed/Typ 18 Discrepancy Indication of the International Shipmen Transporter 3 Printed/Typ 18 Discrepancy Indication of the International Shipmen Transporter 3 Printed/Typ 18 Discrepancy Indication of the International Shipmen Transporter 3 Printed/Typ 18 Discrepancy Indication of the International Shipmen Transporter 3 Printed/Typ 18 Discrepancy Indication of the International Shipmen Transporter 3 Printed/Typ 18 Discrepancy Indication Internation Inte	FEROR'S CERTIFI placarded, and are it the contents of this te minimization state ted/Typed Name Column	CATION: I hereby of in all respects in prois consignment contemporary in a consignment to the contemporary in the contemporary	declare that the oper condition to the term	e contents of the for transport acins of the attach (a) (if I am a lar	is consignment coording to applied EPA Acknownge quantity ger Signature Signature Export from	t are fully and licable internal wedgement of gnature U.S.	accurately dational and na Consent.) (if I am a sm Port of e Date lea	escribed about on all quantity of the control of th	ve by the proper simental regulations senerator) is true.	2/ /	No.	am the Priorith Da S 03	y 3 y
150 185 VCN - F AVVI FO # 14-4 15. GENERATOR'S/OF marked and labeld Exporter. I certify the Licertify that the was Generator's/Offeror's Print of the Licertify that the was Generator's/Offeror's Print of the Licertify that the was Generator's/Offeror's Printed Type 16. International Shipmen Transporter signature (for 17. Transporter Acknowled Transporter 1 Printed Type 18. Discrepancy 18a. Discrepancy Indication 18b. Atternate Facility (or Facility's Phone:	FEROR'S CERTIFI (placarded, and are it the contents of a te minimization state ted/Typed Name Resports only) Igment of Receipt of ded Name On Space	CATION: Thereby of in all respects in professions of the consignment conferent identified in 4 for IV.	declare that the oper condition to the term	e contents of the for transport acins of the attach (a) (if I am a lar	is consignment coording to applied EPA Acknownge quantity ger Signature Signature Export from	t are fully and licable internal wedgement of gnature U.S.	accurately dational and na Consent.) (if I am a sm Port of e Date lea	escribed about on all quantity of the control of th	ve by the proper simental regulations senerator) is true.	2/ /	Mc Ak	am the Printing American Control of the Printing American Control	y 3 y
150 185 VCN - F AVVI FO # 14-4 15. GENERATOR'S/OF marked and labeled Exporter, I certify that Licertify that the was Generator's/Offeror's Print 16. International Shipmen Transporter signature (fo 17. Transporter Acknowled Transporter 1 Printed/Typ 18. Discrepancy 18a. Discrepancy Indication 18b. Alternate Facility (or	FEROR'S CERTIFI (placarded, and are it the contents of a te minimization state ted/Typed Name Resports only) Igment of Receipt of ded Name On Space	CATION: Thereby of in all respects in professions of the consignment conferent identified in 4 for IV.	declare that the oper condition to the term	e contents of the for transport acins of the attach (a) (if I am a lar	is consignment coording to applied EPA Acknownge quantity ger Signature Signature Export from	t are fully and licable internal wedgement of gnature U.S.	accurately dational and na Consent.) (if I am a sm Port of e Date lea	escribed about on all quantity of the control of th	ve by the proper simental regulations senerator) is true.	2/ /	Mc Ak	am the Printing American Control of the Printing American Control	y 3 y
1150185VVD1-F AV1 FO # 14-4 15. GENERATOR'S/OF marked and labeled Exporter. I certify the Ligertify that the was Generator's/Offeror's Print Ligertify that the was Generator's/Offeror's Print Ligertify that the was Generator's/Offeror's Print 16-10-10-10-10-10-10-10-10-10-10-10-10-10-	FEROR'S CERTIFI (placarded, and are it the contents of a te minimization state ted/Typed Name Resports only) Igment of Receipt of ded Name On Space	CATION: Thereby of in all respects in professions of the consignment conferent identified in 4 for IV.	declare that the oper condition to the term	e contents of the for transport acins of the attach (a) (if I am a lar	is consignment coording to applied EPA Acknownge quantity ger Signature Signature Export from	t are fully and licable internal wedgement of gnature U.S.	accurately dational and na Consent.) (if I am a sm Port of e Date lea	escribed about on all quantity of the control of th	ve by the proper simental regulations senerator) is true.	2/ /	Mc Ak	am the Printing American Control of the Printing American Control	y 3 1 y 1
1150185VVD1-F AV1 FO # 14-4 15. GENERATOR'S/OF marked and labeled Exporter. I certify the Ligertify that the was Generator's/Offeror's Print Ligertify that the was Generator's/Offeror's Print Ligertify that the was Generator's/Offeror's Print 16-10-10-10-10-10-10-10-10-10-10-10-10-10-	FEROR'S CERTIFI placarded, and are it the contents of this te minimization state ted/Typed Name Reports only): Ignent of Receipt of ad Name on Space	CATION: I hereby of in all respects in proise consignment configuration of the configuration	declare that the oper condition to the term 40 CFR 262.27	e contents of the for transport acins of the attach (a) (if I am a lar	is consignment coording to applied EPA Acknow rge quantity ger Signature of the Export from	t are fully and licable internal wedgment of merator) or (bignature U.S.	I accurately dational and na Consent. () (if I am a sm Port of e Date lear	escribed about on all quantity of the second power of the second p	ve by the proper simental regulations senerator) is true.	2/ /	Mc Ak	am the Printing American Control of the Printing American Control	y 3 1 y 1
1150185VVD1-F AV1 FO # 14-4 15. GENERATOR'S/OF marked and labeled Exporter. I certify the Ligertify that the was Generator's/Offeror's Print Ligertify that the was Generator's/Offeror's Print Ligertify that the was Generator's/Offeror's Print 16-10-10-10-10-10-10-10-10-10-10-10-10-10-	FEROR'S CERTIFI placarded, and are it the contents of this te minimization state ted/Typed Name Led/Typed Name rexports only): Ignent of Receipt of ad Name on Space Generator) Facility (or Generator)	CATION: I hereby of in all respects in proise consignment configuration of the configuration	declare that the oper condition to the term 40 CFR 262.27	e contents of the for transport acins of the attach (a) (if I am a lar	is consignment coording to applied EPA Acknow rge quantity ger Signature of the Export from	t are fully and licable internal wedgment of merator) or (bignature U.S.	I accurately dational and na Consent. () (if I am a sm Port of e Date lear	escribed about on all quantity of the second power of the second p	ve by the proper simental regulations senerator) is true.	2/ /	Mc Ak	am the Printing American Control of the Printing American Control	y 3 1 y 1
150 185 VCN - F AV1 FO # 14-4 15. GENERATOR'S/OF marked and labeled Exporter, I certify that the was Generator's/Offeror's Print I certify that the was Generator's Print I certify that the was Generator's Print I certify that I certify th	FEROR'S CERTIFI placarded, and are it the contents of this te minimization state ted/Typed Name Reports only): Ignent of Receipt of ad Name on Space	CATION: I hereby of in all respects in proise consignment conferent identified in 4	declare that the oper condition to the term 40 CFR 262.27	e contents of the for transport acins of the attach (a) (if I am a lar	is consignment coording to applied EPA Acknow rge quantity ger Signature of the Export from	t are fully and licable internal wedgment of merator) or (bignature U.S.	I accurately dational and na Consent. () (if I am a sm Port of e Date lear	escribed about on all quantity of the second power of the second p	ve by the proper simental regulations senerator) is true. Color Color Silve. Partial Ro	2/ /	Mc Ak	am the Printing American Control of the Printing American Control	y 3 1 y 1
15. GENERATOR'S/OF marked and labeled Exporter, I certify that the was Generator's/Offeror's Print I certify that the was Generator's Print I certify that the was Generator's Print I certify that I cer	FEROR'S CERTIFI (placarded, and are in the content of the te minimization state ted/Typed Name Resports only) Igment of Receipt of ad Name Generator) Generator) Facility (or Generator)	CATION: I hereby of in all respects in professions consignment conferent identified in 4 for 1 f	declare that the oper condition I form to the term 10 CFR 262.274	e contents of this for transport ac ins of the attach (a) (if I am a lar	is consignment coording to applied EPA Acknow rige quantity get Signature of Signat	t are fully and licable internal whedgment of herator) or (bignature U.S.	Port of e Date lea	escribed about on all quantity of the control of th	ve by the proper simental regulations senerator) is true. Color Color Silve. Partial Ro	2/ /	Mc Ak	am the Printing American Control of the Printing American Control	y 3 y
1150185V/DI-F AVVI FO # 14-4 15. GENERATOR'S/OF marked and labeled Exporter. I certify the United Senerator's/Offeror's Prince of the United Shipmen Transporter signature (for 17. Transporter 1 Printed/Typ	FEROR'S CERTIFI (placarded, and are in the content of the te minimization state ted/Typed Name Resports only) Igment of Receipt of ad Name Generator) Generator) Facility (or Generator)	CATION: I hereby of in all respects in professions of the configuration of the configuration of receiptification of receiptifi	declare that the oper condition of form to the term 40 CFR 262.274	e contents of this for transport ac ins of the attach (a) (if I am a lar	is consignment coording to apply led EPA Acknow rige quantity get Signature of Sign	t are fully and licable internal whedgment of herator) or (bignature U.S.	Port of e Date lea	escribed about on all quantity of the control of th	ve by the proper simental regulations senerator) is true. Color Color Silve. Partial Ro	2/ /	Mc C	am the Printing of the Printin	yy 3 yy j
15. GENERATOR'S/OF marked and labeled Exporter. I certify that the was Generator's/Offeror's Print of the International Shipmen Transporter signature (fo 17. Transporter Acknowled Transporter 1 Printed/Typ 18. Discrepancy 18a. Discrepancy Indication 18b. Alternate Facility (or Facility's Phone. 18c. Signature of Alternate 19. Hazardous Waste Re 1. 20. Designated Facility Opening Signature of Alternate 19. Discrepance 19. Discrepance 19. Hazardous Waste Re 1. 20. Designated Facility Opening Signature of Alternate 19. Discrepance 19. Hazardous Waste Re 1. 20. Designated Facility Opening Signature of Alternate 19. Discrepance 19. Dis	FEROR'S CERTIFI (placarded, and are in the content of the te minimization state ted/Typed Name Resports only) Igment of Receipt of ad Name Generator) Generator) Facility (or Generator)	CATION: I hereby of in all respects in profession and respects in profession and its consignment configuration of the U.S. I Materials Quantity Action Quantity Action Certification of receipting the configuration of the configuration of receipting	declare that the oper condition I form to the term 10 CFR 262.274	e contents of this for transport ac ins of the attach (a) (if I am a lar	is consignment coording to apply led EPA Acknow rige quantity get Signature of Sign	ti are fully and licable internal whedgment of herator) or (bignature U.S. gnature Man Man	Port of e Date lea	escribed about on all quantity of the control of th	ve by the proper simental regulations senerator) is true. Color Color Silve. Partial Ro	2/ /	Mc C	am the Printing Office of the Printing Office	yy 3 yy j

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			Qty. Unit	
	Generator		- F		0.0000
- 1	1150185WDI - PCB Concrete			20.300 TONS	-
	Hazardous Surcharge Ton			20 300 TONS	
	NJ3210020597 US DEPT, OF ARMY-FORT N	MONMOUTH MAIN POST			
	Gross: 77,720 Tare: 37,120	Net: 40,600			
	Wayne Disposal Host Community Agreement	Royalty Fee		20.300 TONS	
	NJ3210020597 US DEPT. OF ARMY-FORT N	MONMOUTH MAIN POST			
	Gross: 77.720 Tare: 37.120	Net: 40,600			

Pie	ase p	rint or type. (Form designed for use on elite (12-pitch) typewriter.)	F					Approved. (OMB No. 2	050-003
1		FORM HAZARDOUS 1. Generator ID Number VASTE MANIFEST NJ3210020597	2. Page 1 of	3. Ernergency Response 732-613-1660	304 N. 848-364-364	4. Manifest	185	2576	6 Ju	K
	L F	enerator's Name and Mailing Address JS Dept of Army-Fort Monmouth - Main Post P.O. Box 148	370)	Generator's Site Address Main Post Fort Mountme			5)	3, 3, 3,		
	F	Oceanport, NJ 07757		FOR MOUNTING	o CPAT 'UIDG	1103				
Н	6. Tr	ransporter 1 Company Name				U.S. EPAID	lumber			
П		Aaumee Express, Inc.				5-4-0-4-5-6-6	8660738	30		
П	7. To	ansporter 2 Company Name			1	U.S. EPAIDN	umber			
	B.D	esignated Facility Name and Site Address			74 8	U.S. EPAID N	umber	-		- 1
	E	bycle Chem, Inc. 17 # South Hirst Street Dizabeth, NJ 07206				NJAA	APPARA4	ıs		
Ш	Facil	iny's Phone: 908-355-5800	9	19		1				
	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group (if any))		10. Contai No.	Type	11. Total Quantity	12. Unit WL/Vol.	13. W	aste Codes	Ē,
2	X	UN-2315 - Polychlorinated Biphenyls - Liquid, Class 9, Polych	i II		DM	75 0.	X		*	
MIC		d ·		16		5600	7			
GENERATOR	_	2.	***************************************		 	1		an or will not		
3	ļ			1			-			
П	_				- 3					
П		3.			4	·			ļ	IIt.
П						9				
Ш	Г	4,							i	
Н		_		ł			1			138
	14.5	Special Handling Instructions and Additional Information					- 13			
1	P	CB Contaminated Water 90-100%, Soil/Debris 0-10%								
-		WT P.O. # 14485-MP						4	808	139
*	1	GENERATOR'S/OFFEROR'S CERTIFICATION! I hereby declare that the contents of the marked and labeled/placarded, and are in all respects in proper condition for transport ac Exporter, I certify that the contents of this consignment conform to the terms of the attach	cording to appli	cable international and nati	scribed above li ional governme	by the proper shi ntal regulations.	pping name, If export ship	and are dass oment and I ar	ified, packa n the Prima	ged, ry
	L	I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a lat	rge quantity gen	erator) or (b) (if I am a sma	all quantity gene	erator) is true.			. <u> </u>	
ļ	Vil	rator's/Offeror's Printed/Typed Name Alliam R Colvin for US Army Itemational Shipments	\ <i>u</i>	Select Co	hins	Pe US	ARM	14 108	Day 29	Year 16
INT	1	Import to U.S. sporter signature (for exports only):	_Export from t	J.S. Port of en Date leavi						
	-	ransporter Acknowledgment of Receipt of Materials		Date leave	ing U.S.:		- W		W1/7 /	illar
TRANSPORTER	Trans	sporter 1 Printed/Typed Name	Sig	nature	//		1.0	Mont	Day	Year
SP(Tenne	Sporter 2 Printed/Typed Name	0'.	Ta Am	len	$\widehat{}$		18	129	1/6
RA	III	sponter 2 Finite wipped warne	- 1	nature				Month	1 Day	Year
<u>-</u>	18. D	iscrepancy					-			
	18a.	Discrepancy Indication Space Quantity Type		Residue /		Partial Reje	ection	Ī	Full Reje	tion
		LD 2545 12-1)K 14-1)0	4588	Mahifest Reference	Number.	64 A	8351			Tay 1
F	18b.	Alternate Facility (or Generator)		FC.		U.S. EPAID N	umber			
:ACI	Casil	ity's Phone:		A 2		1				
DESIGNATED FACILITY		ity's Prione: Signature of Alternate Facility (or Generator)	78		2.			Mont	th Day	Year
NA.					11.	33.00				
ESIG	19. H	azardous Waste Report Management Method Codes (i.e., codes for hazardous waste tre	atment, disposa	d, and recycling systems)		- 14				
- D	"	H/H/ 2	3.	1	111.	1 4				
		resignated Facility Owner or Operator: Certification of receipt of hazardous materials cover	red by the mani	lest except as najed in Just	n //a //	/	$\overline{}$	34		
	Printe	ed/Typed Name ///97 BBM	Sig	nature	1/10	OR	1	19/	1/1	Yest
EP/	Form	8700-22 (Rev. 3-05) Previous editions are obsolete.	I	ESIGNATED FA	CILITYT	O DESTIN	ATION S	STATE (I	F REQI	JIRED

Attachment D
2017 Analytical Data Report

Hampton-Clarke Report Of Analysis

Client: Tetra Tech Inc. **HC Project #:** 7052611

Project: Fort Monmouth

Aroclor-1262

Aroclor-1268

Surrogate

TCMX-Surrogate

TCMX-Surrogate

DCB-Surrogate

DCB-Surrogate

Sample ID: BKG-283-002-001 Collection Date: 5/24/2017

Matrix

Lab#: AC98118-001 Receipt Date: 5/26/2017

0 11 1 01405400								
Solids SM2540G								
Analyte		DF		Units	RL		Result	
%Solids		1		percent			84	
J 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	74.39		100		40	140	74	
1-Chlorooctadecane	71.94		100		40	140	72	
AH Compounds 8270								
Analyte		DF		Units	RL		Result	
2-Methylnaphthalene		1		mg/kg	0.040		ND	
Acenaphthene		1		mg/kg	0.040		ND	
Acenaphthylene		1		mg/kg	0.040		ND	
Anthracene		1		mg/kg	0.040		0.049	
Benzo[a]anthracene		1		mg/kg	0.040		0.11	
Benzo[a]pyrene		1		mg/kg	0.040		0.14	
Benzo[b]fluoranthene		1		mg/kg	0.040		0.23	
Benzo[g,h,i]perylene		1		mg/kg	0.040		0.12	
Benzo[k]fluoranthene		1		mg/kg	0.040		0.053	
Chrysene		1		mg/kg	0.040		0.12	
Dibenzo[a,h]anthracene		1		mg/kg	0.040		ND	
Fluoranthene		1		mg/kg	0.040		0.17	
Fluorene		1		mg/kg	0.040		ND	
Indeno[1,2,3-cd]pyrene		1		mg/kg	0.040		0.10	
Naphthalene		1		mg/kg	0.0099		ND	
Phenanthrene		1		mg/kg	0.040		ND	
Pyrene		1		mg/kg	0.040		0.15	
Surrogate	Conc.	-	Spike		Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	56.70		50		58	148	113	490
Phenol-d5	105.28		100		49	129	105	
Nitrobenzene-d5	46.33		50		52	129	93	
2-Fluorophenol	99.97		100		43	128	100	
2-Fluorobiphenyl	42.42		50		58	125	85	
2,4,6-Tribromophenol	103.78		100		54	145	104	
CB 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	

NOTE: Soil Results are reported to Dry Weight Project #: 7052611 Page 1 of 6

Conc.

128.35

125.49

129.62

123.35

mg/kg

mg/kg

Spike

100

100

100

100

0.030

0.030

37

37

34

34

Low Limit

ND ND

Recovery

128

125

130

123

Flags

High Limit

141

141

146

146

Sample ID: BKG-283-001-001 Collection Date: 5/24/2017

Lab#: AC98118-002 Receipt Date: 5/26/2017

Matrix: Soil

% 5	Soli	ah.	SM	254	OG.

Analyte	DF	Units	RL	Result
%Solids	1	percent		80

NJ EPH Category 2

Analyte		OF .	Units	RL		Result	
C9-C40	1		mg/kg	75		ND	
Surrogate	Conc.	Spike		Low Limit	High Limit	Recovery	Flags
O-Terphenyl	74.51	100		40	140	75	
1-Chlorooctadecane	71.69	100		40	140	72	

PAH Compounds 8270

Analyte	DI	F	Units	RL		Result	
2-Methylnaphthalene	1		mg/kg	0.042		ND	
Acenaphthene	1		mg/kg	0.042		ND	
Acenaphthylene	1		mg/kg	0.042		ND	
Anthracene	1		mg/kg	0.042		ND	
Benzo[a]anthracene	1		mg/kg	0.042		ND	
Benzo[a]pyrene	1		mg/kg	0.042		ND	
Benzo[b]fluoranthene	1		mg/kg	0.042		ND	
Benzo[g,h,i]perylene	1		mg/kg	0.010		ND	
Benzo[k]fluoranthene	1		mg/kg	0.042		ND	
Chrysene	1		mg/kg	0.042		ND	
Dibenzo[a,h]anthracene	1		mg/kg	0.010		ND	
Fluoranthene	1		mg/kg	0.042		ND	
Fluorene	1		mg/kg	0.042		ND	
Indeno[1,2,3-cd]pyrene	1		mg/kg	0.042		ND	
Naphthalene	1		mg/kg	0.010		ND	
Phenanthrene	1		mg/kg	0.042		ND	
Pyrene	1		mg/kg	0.042		ND	
Surrogate	Conc.	Spike		Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	50.72	50		58	148	101	

100

50

100

50

100

49

52

43

58

54

129

129

128

125

74

69

80

77

107

74.47

34.59

80.31

38.60

107.06

PCB 8082

Phenol-d5

Nitrobenzene-d5

2-Fluorophenol

2-Fluorobiphenyl

2,4,6-Tribromophenol

Analyte	0)F	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	116.20	100		37	141	116	
TCMX-Surrogate	112.52	100		37	141	113	
DCB-Surrogate	123.96	100		34	146	124	
DCB-Surrogate	116.17	100		34	146	116	

NOTE: Soil Results are reported to Dry Weight

Sample ID: BKG-283-003-001 Collection Date: 5/24/2017

Lab#: AC98118-003 Receipt Date: 5/26/2017

Matrix: Soil

%	So	lids	SM	254	ING

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	
Surrogate	Conc.	Spike		Low Limit	High Limit	Recovery	Flags
O-Terphenyl	84.12	100		40	140	84	
1-Chlorooctadecane	82.79	100		40	140	83	

PAH Compounds 8270

Analyte	DF	Units	RL		Result	
2-Methylnaphthalene	1	mg/kg	0.042		ND	
Acenaphthene	1	mg/kg	0.042		ND	
Acenaphthylene	1	mg/kg	0.042		ND	
Anthracene	1	mg/kg	0.042		ND	
Benzo[a]anthracene	1	mg/kg	0.042		ND	
Benzo[a]pyrene	1	mg/kg	0.042		ND	
Benzo[b]fluoranthene	1	mg/kg	0.042		ND	
Benzo[g,h,i]perylene	1	mg/kg	0.011		ND	
Benzo[k]fluoranthene	1	mg/kg	0.042		ND	
Chrysene	1	mg/kg	0.042		ND	
Dibenzo[a,h]anthracene	1	mg/kg	0.011		ND	
Fluoranthene	1	mg/kg	0.042		ND	
Fluorene	1	mg/kg	0.042		ND	
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.042		ND	
Naphthalene	1	mg/kg	0.011		ND	
Phenanthrene	1	mg/kg	0.042		ND	
Pyrene	1	mg/kg	0.042		ND	
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	47.32	50	58	148	95	
Phenol-d5	91.96	100	49	129	92	
Nitrobenzene-d5	41.12	50	52	129	82	

100

50

100

43

58

54

128

125

145

91

121

97.02

45.53

121.07

PCB 8082

2-Fluorophenol

2-Fluorobiphenyl

2,4,6-Tribromophenol

Analyte)F	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	121.42	100		37	141	121	
TCMX-Surrogate	119.50	100		37	141	120	
DCB-Surrogate	143.36	100		34	146	143	
DCB-Surrogate	129.70	100		34	146	130	

NOTE: Soil Results are reported to Dry Weight

Sample ID: BKG-283-004-001 Collection Date: 5/25/2017
Lab#: AC98118-004 Receipt Date: 5/26/2017

Matrix: Soil

% 5	Soli	ah.	SM	254	OG.

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	
Surrogate	Conc.	Spike		Low Limit	High Limit	Recovery	Flags
O-Terphenyl	75.25	100		40	140	75	
1-Chlorooctadecane	72.72	100		40	140	73	

PAH Compounds 8270

Analyte	DI	- Uni	ts RL		Result	
2-Methylnaphthalene	1	mg/k	g 0.041		ND	
Acenaphthene	1	mg/k	g 0.041		ND	
Acenaphthylene	1	mg/k	g 0.041		ND	
Anthracene	1	mg/k	g 0.041		ND	
Benzo[a]anthracene	1	mg/k	g 0.041		ND	
Benzo[a]pyrene	1	mg/k	g 0.041		ND	
Benzo[b]fluoranthene	1	mg/k	g 0.041		ND	
Benzo[g,h,i]perylene	1	mg/k	g 0.010		ND	
Benzo[k]fluoranthene	1	mg/k	g 0.041		ND	
Chrysene	1	mg/k	g 0.041		ND	
Dibenzo[a,h]anthracene	1	mg/k	g 0.010		ND	
Fluoranthene	1	mg/k	g 0.041		ND	
Fluorene	1	mg/k	g 0.041		ND	
Indeno[1,2,3-cd]pyrene	1	mg/k	g 0.041		ND	
Naphthalene	1	mg/k	g 0.010		ND	
Phenanthrene	1	mg/k	g 0.041		ND	
Pyrene	1	mg/k	g 0.041		ND	
Surrogate	Conc.	Spike	Low Limit	t High Limit	Recovery	Flags
Terphenyl-d14	51.79	50	58	148	104	
Phenol-d5	93.58	100	49	129	94	
Nitrobenzene-d5	41.60	50	52	129	83	

100

50

100

43

58

54

128

125

145

98

91

125

97.84

45.67

124.54

PCB 8082

2-Fluorophenol

2-Fluorobiphenyl

2,4,6-Tribromophenol

Analyte)F	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	99.78	100		37	141	100	
TCMX-Surrogate	96.75	100		37	141	97	
DCB-Surrogate	110.22	100		34	146	110	
DCB-Surrogate	100.71	100		34	146	101	

Sample ID: BKG-283-004-001-FD

Lab#: AC98118-005

Matrix: Soil

Collection Date: 5/25/2017 Receipt Date: 5/26/2017

% Solids SM2540	0G
-----------------	----

<u> </u>	Analyte	DF	Units	RL	Result
	%Solids	1	percent		80

NJ EPH Category 2

Analyte	1	OF Un	its F	₹L		Result	
C9-C40	1	mg/	kg 7	5		ND	
Surrogate	Conc.	Spike	Low L	imit H	ligh Limit	Recovery	Flags
O-Terphenyl	75.37	100		40	140	75	
1-Chlorooctadecane	77.49	100		40	140	77	

PAH Compounds 8270

Analyte	DI	Units	RL		Result	
2-Methylnaphthalene	1	mg/kg	0.042		ND	
Acenaphthene	1	mg/kg	0.042		ND	
Acenaphthylene	1	mg/kg	0.042		ND	
Anthracene	1	mg/kg	0.042		ND	
Benzo[a]anthracene	1	mg/kg	0.042		ND	
Benzo[a]pyrene	1	mg/kg	0.042		ND	
Benzo[b]fluoranthene	1	mg/kg	0.042		ND	
Benzo[g,h,i]perylene	1	mg/kg	0.010		ND	
Benzo[k]fluoranthene	1	mg/kg	0.042		ND	
Chrysene	1	mg/kg	0.042		ND	
Dibenzo[a,h]anthracene	1	mg/kg	0.010		ND	
Fluoranthene	1	mg/kg	0.042		ND	
Fluorene	1	mg/kg	0.042		ND	
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.042		ND	
Naphthalene	1	mg/kg	0.010		ND	
Phenanthrene	1	mg/kg	0.042		ND	
Pyrene	1	mg/kg	0.042		ND	
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	52.26	50	58	148	105	
Phenol-d5	88.39	100	49	129	88	

50

100

50

100

52

43

58

54

129

128

125

81

92

130

40.71

94.30

45.98

129.87

PCB 8082

Nitrobenzene-d5

2-Fluorophenol

2-Fluorobiphenyl

2,4,6-Tribromophenol

Analyte)F	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	95.93	100		37	141	96	
TCMX-Surrogate	91.80	100		37	141	92	
DCB-Surrogate	100.72	100		34	146	101	
DCB-Surrogate	92.95	100		34	146	93	

Sample ID: BKG-551-001 Collection Date: 5/25/2017

Lab#: AC98118-006 Receipt Date: 5/26/2017

Matrix: Soil

%So	lids	SM	125400	ì
70 JU	IIUS	SIV	123400	3

Analyte	DF	Units	RL	Result
%Solids	1	percent		94

NJ EPH Category 2

Analyte		DF	Units	RL		Result	
C9-C40		I	mg/kg	64		ND	
Surrogate	Conc.	Spike		Low Limit	High Limit	Recovery	Flags
O-Terphenyl	91.21	100		40	140	91	
1-Chlorooctadecane	86.70	100		40	140	87	

PCB 8082

Analyte	D	F	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	146.66	100		37	141	147	S8		
TCMX-Surrogate	144.30	100		37	141	144	S8		
DCB-Surrogate	164.85	100		34	146	165	S8		
DCB-Surrogate	153.71	100		34	146 154 S8				

NOTE: Soil Results are reported to Dry Weight Project #: 7052611 Page 6 of 6

175 Route	pton-Clarke, Inc. (WB 46 West and 2 Madison Road, Fairfig	eld, New	Jersey 070	04			-		•	C	HAIN O			$T_{\mathcal{I}}$	05		-	ab U	se Only	y)		P	age	e of
	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						oton-	Clark	e		RE	CORI)					por	ting R	equ	uirem	ents	s (Pl	lease Circle)
							omen-(Owned,	Disadv	antage	d, Small Bus	iness E	nterprise	Turnaround					Report Type					Electronic Data Deliv.
	NELAC/NJ #07071 PA	\ #68-004	163 NY #114	108 CT #I	PH-06	71 K\	/ #9012	24 DE	HSCA	Approv	ed				When	Avail	able:		Sum	mar	у			NJ Hazsite
	Customer Informati	<u>on</u>		:					<u>Proje</u>		ormation			1 Bu	siness	Day (100%)	*	Resu	ılts -	+ QC (Wast	te)	Excer Reg. NJ NY / PA
1a) Customer:	Tetra Tech				_ 2a) Proje	ct:	_Fi	x7	M	amout	<u> </u>		2 Bu	siness	Days	(75%)	*	Redu	icec	D			EnviroData
Address:	1093 Commerce Park			00								-		⊣ .	siness				X	1 J	[] NY	′		EQuIS:
	Dak Ridge, TN	37	330		-1		ect Mgr	:	<u>_M</u>	ike	Spani	bere		4 Bu	siness	Days	(35%)	*	[]F	PA	[] Ot	her_		[] 4-File [] EZ
1b) Email/Cell/F		e (8	(5) 308	<u>-0043</u>	2c	Proje	ct Loca	ation (C	ity/Stat	e):	Fort	Mon	2 DUHA	5 Bu	siness	Days	(25%)		NJ F	ull /	NY AS	P C	atB	[] NYDEC
1c) Send Invoice	<u> </u>	riy/e	ir (865)	220-1								MY		8 Bu	siness	Days	(Stand	l.)	NY A	SP	CatA			[] Region 2 or 5
1d) Send Repor	rt to:				2d) Quot	e/PO #	f (if App	licable)	:				Othe				_						Other:
		27													*	Expe	dited 1	TAT N	ot Alwa	iys /	Availab	ole. I	Pleas	se Check with Lab.
FOR LAB								7) A	nalysi	s (sp	ecify met	hods &	k paramete	er lists)										
USE		===>	Check If	Conting	gent	===>				X						<==	= Che	eck i	f Con	ting	ent <	===		
ONLY	Matrix C	odes			_	nple			12														-	
\downarrow	DW - Drinking Water S - S		A - Air		<u> </u>	pe			472															
Batch #	GW - Ground Water SL - WW - Waste Water OL -	Sludge					7	2	7]]											
	OT - Other (please specify un		9, Commei	nts)	0		4887	8270	F.										8)					
					ite ("	H	士								# of	Bottle	es			.	
4098118		5)	6) Sa	mple	sod	(6)	pcb	主	7	£							Ŧ	ore	Ŧ		8	۳	ايا	
Lab Sample #	4) Customer Sample ID	Matrix	Date	Time	Composite	Grab (G)	b	PAH	Z	G						None	МеОН	En Core	NaOH	모	H2S04	HN03	Other	9) Comments
001	BKG-283-002-001	5	5/24/17	1420		V	V	V	V							1								3 day TAT
1m7-	BKG-283-001-001	5	5分数7			V		V	V							ı								11
	BKG-293-003-001		5/24/17	T		V	1/	1/	V							١						$\neg \dagger$		"
	BX6-283-004-001		5/25/17	' . 	 	V			1./					+						-		_		11
				 	\vdash	-	<i>V</i>		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				 	+		H	\vdash			\dashv				//
,	BKG -283-004-001-FL		5 25/17		 	7	V	X	V	V			 	-		<u> </u>				_				11 1 PAH 2 1
06 GB	KG -551-001	5	5/25/17	1025	-		Y	X	r	X			 			arphi								Hold PAH, 3 day
<u> </u>					ļ. <u>-</u> -		-		<u> </u>				-	ļ										
					ļ																	_		
														ļ										
10) Relinquis	shed by:		A	ccepte	d by	:	W		Da	ate	Time			Con	nmen	ts, N	otes.	Spe	cial R	equ	uirem	ents	s, H	AZARDS
m 1	Olms		5-11	1.4		h			5/2	1/12	17:00	Indic	ate if low-lev	el metho	ds req	uired	to mee	t 1) ·	F	or I	NJ LSR I to be	P pro	oject	s, indicate which standards
13/	A Miller		all h	July	4/14				4			= -	BN or BN		•		101 301	η.	Ė	1660	_		GW	'QS
Pnd!	/ WIN WILL	-			<u> </u>)/ <i>[U</i>	117	1015		VOC (826			•			[┥		SRS	
	7>>	`	+		_				120	117	1205		SPLP (BN 1,4 Dioxa		, Meta	ils)			-				SPL	.P pify):
			1 -									Che	k if applical	ble:	_				'			J. (3	Spec	··· , , ·
11) Sampler (p	print name):						Date:						Project-S High Con										1	Cooler Temperature
Additional No	otes											1	NJ LSRP						above	e/ri	ght)			2,0°
													Please no	te NUM	BEREL) item	ns. If n	ot co	mplete	ed y	our an			work may be delayed. tivated for any analysis.
												Inter	nal use: sam										 SP#	

Attachment E Regulatory Correspondence



State of New Jersey

CHRIS CHRISTIE Governor

KIM GUADAGNO Lt. Governor DEPARTMENT OF ENVIRONMENTAL PROTECTION
Bureau of Case Management

401 East State Street
P.O. Box 420/Mail Code 401-05F
Trenton, NJ 08625-0028

Phone #: 609-633-1455 Fax #: 609-633-1439

May 4, 2017

BOB MARTIN

Commissioner

William Colvin BRAC Environmental Coordinator OACSIM – U.S. Army Fort Monmouth PO Box 148 Oceanport, NJ 07757

Approval

Re: Remedial Action Type: Unrestricted Use

Scope of Remediation: Area of Concern: FTMM-61 aka Building 283 Former Gasoline UST

Monmouth County SRP PI# G000000032 RPC000001

Dear Mr. Colvin,

The New Jersey Department of Environmental Protection (Department) has completed review of the referenced submittal, received April 10, 2017 prepared by the Department of the Army Office of Assistant Chief of Staff for Installation Management to request determination of no further action for FTMM-61, also known as Building 283 Former Gasoline UST. It is agreed no additional action is necessary at FTMM-61.

Please contact Linda Range at (609) 984-6606 if you have any questions.

Sincerely,

Gwen B. Zervas, P.E.

Section Chief

C: James Moore, USACE Rich Harrison, FMERA Joe Fallon, FMERA Joe Pearson, Calibre



State of New Jersey

CHRIS CHRISTIE Governor

KIM GUADAGNO Lt. Governor DEPARTMENT OF ENVIRONMENTAL PROTECTION
Bureau of Case Management
401 East State Street
P.O. Box 420/Mail Code 401-05F
Trenton, NJ 08625-0028

Trenton, NJ 08625-0028 Phone #: 609-633-1455 Fax #: 609-633-1439 BOB MARTIN Commissioner

January 10, 2017

William Colvin BRAC Environmental Coordinator OACSIM – U.S. Army Fort Monmouth PO Box 148 Oceanport, NJ 07757

Re:

December 2016 Letter Work Plan Addendum for Parcel 49, Former Squier Laboratory

and other facilities
Fort Monmouth

Oceanport, Monmouth County

PI G000000032

Dear Mr. Colvin,

The New Jersey Department of Environmental Protection (Department) has completed review of the referenced submittal, received December 30, 2016, prepared by the Department of the Army's Office of Assistant Chief of Staff for Installation Management. The submittal included results of recent sampling efforts, and indicated the need for additional delineation.

The soil sampling for further delineation of PAHs, as proposed in the submittal, is acceptable, with the following comment. The depth of the intermediate sampling interval, currently indicated as 2-3' feet, should be amended if so indicated by field/visual conditions.

Please contact this office if you have any questions.

Sincerely.

Linda S. Range

C: James Moore, USACE Rich Harrison, FMERA Joe Fallon, FMERA Joe Pearson, Calibre



DEPARTMENT OF THE ARMY

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

December 28, 2016

Ms. Linda Range New Jersey Department of Environmental Protection Bureau of Case Management 401 East State Street PO Box 420/Mail Code 401-05F Trenton, NJ 08625-0028

SUBJECT: December 2016 Letter Work Plan Addendum for Parcel 49, Former Squier

Laboratory and other facilities, Fort Monmouth, New Jersey

Dear Ms. Range:

The purpose of this December 2016 Letter Work Plan Addendum (LWPA) is to address PAH exceedances encountered during the August 2016 sampling event. This December 2016 LWPA proposes additional borings to augment previous environmental investigations conducted at Parcel 49, Former Squier Laboratory and other facilities, located within the Main Post (MP) of Fort Monmouth (FTMM).

Work performed under the Rev.1 Environmental Condition of Property (ECP) Work Plan (WP) and approved by NJDEP in a December 2015 letter included the collection and analysis of soil samples from ten borings for PAH analysis, and six borings for PCB analysis, as shown on Figure 1. Soil samples were collected as described in the ECP-WP. Based on the results, detections of PAHs and PCBs had been delineated horizontally and vertically at the sampling locations, except for PAHs at PAR-49-SS-07 and PAR-49-SS-09. A single PAH exceeded the Residential Direct Contact Soil Remediation Standard (RDCSRS) and Non-Residential Direct Contact Soil Remediation Standard at PAR-49-SB-02, near Bldg. 283, at 16 ft bgs, however there was no contamination in the interval above it, no evidence of contamination in the boring log, and no reason a release should have occurred at that location at that depth, therefore this exceedance is considered an anomaly.

Building 291 Area

As agreed in the NJDEP July 29, 2016 letter, and outlined in the August 8, 2016 Revised Letter Work Plan Addendum, horizontal delineation of PAHs northwest of building 291 consisted of advancement of three primary borings (PAR-49-SS-13, PAR-49-SS-14 and PAR-49-SS-15) and two contingency borings (PAR-49-SS-16 and PAR-49-SS-17) as shown on **Figure 1.** Three samples were collected from each of these borings but contingency samples were not run for some intervals at PAR-49-SB-16 or PAR-49-SB-17 based on sampling results.

Linda S. Range, NJDEP
December Letter Work Plan Addendum
Parcel 49, Former Squier Laboratory and other facilities
December 28, 2016
Page 2 of 3

Sampling results are shown on **Figure 2** and **Table 1**. Based on the sampling results further delineation is required west of PAR-49-SB-17 and east of PAR-49-SB-13. Proposed sampling locations are shown on **Figure 3** and **Table 2**. Two primary sampling locations are proposed (PAR-49-SB-28 and 29), and six contingency borings (PAR-49-SB-45 through 50) (locations may change based on actual field conditions). Three samples will be collected from all borings. Surface soil samples (0 to 6-inch interval below the asphalt and asphalt base material) will be collected taking care not to introduce asphalt and/or road base into the samples. In addition, samples will be collected from a 6-inch interval within the 2 to3-foot range, and at a depth interval immediately above water table to evaluate the vertical PAHs extent. At the primary borings, the surface and 2 to 3-foot sample will be analyzed by the laboratory. The samples just above the water table will be placed on hold pending results of the samples above it. All the contingency boring samples will be placed on hold pending results of the primary samples.

Building 293 Area

Additionally, FTMM performed additional characterization of soil borings near Building 293, as described in the August 8, 2016 Revised Letter Work Plan Addendum, as shown on Figure 1. Soil samples were advanced around the area of the exceedances and soil samples were collected. Sampling results are shown on Figure 2 and Table 1. Based on the results, further sampling is required in this area to horizontally and vertically delineate PAHs in soils. Proposed sampling locations are shown on Figure 4 and Table 2. Five primary sampling locations are proposed (PAR-49-SB-30 through 34), and four contingency borings (PAR-49-SB-38 through 41) (locations may change based on actual field conditions). Sample locations were chosen to delineate PAHs both horizontally and vertically, outside of the landfill boundary for FTMM-18. Three samples will be collected from all borings. Surface soil samples (0 to 6-inch interval below the asphalt and asphalt base material) will be collected taking care not to introduce asphalt and/or road base into the samples. In addition, samples will be collected from a 6-inch interval within the 2-3 foot range, and at a depth interval immediately above the water table to evaluate the vertical PAHs extent. At the primary borings, the surface and 2 to3-foot sample will be analyzed by the laboratory. The samples just above the water table will be placed on hold pending results of the samples above it. All the contingency boring samples will be placed on hold pending results of the primary samples.

We look forward to your review of this proposed sampling plan, and approval or additional comments. The technical Point of Contact (POC) for this matter is Cris Grill at (617) 449-1583 or by email at cris.grill@parsons.com. Should you have any questions or require additional information, please contact me by phone at (732) 380-7064 or by email at william.r.colvin18.civ@mail.mil.

Sincerely,

William R. Colvin, PMP, CHMM, PG BRAC Environmental Coordinator Linda S. Range, NJDEP
December Letter Work Plan Addendum
Parcel 49, Former Squier Laboratory and other facilities
December 28, 2016
Page 3 of 3

Attachments:

Figure 1 Parcel 49 Layout and Sampling Locations
Figure 2 Parcel 49 Comparison of Soil Results for PAHs to NJDEP Direct Contact
Standards
Figure 3 Parcel 49 Proposed Soil Sample Locations – Building 291
Figure 4 Parcel 49 Proposed Soil Sample Locations – Building 293
Table 1 Detected Soil Sampling Results – Comparison to NJDEP Standards
Table 2 Sampling Summary for Parcel 49 Revised Letter Work Plan Addendum

cc: Linda Range, NJDEP (3 hard copies)
Delight Balducci, HQDA ACSIM (e-mail)
Joseph Pearson, Calibre (e-mail)
James Moore, USACE (e-mail)
Jim Kelly, USACE (e-mail)
Cris Grill, Parsons (e-mail)



State of New Jersey

CHRIS CHRISTIE Governor

KIM GUADAGNO Lt. Governor DEPARTMENT OF ENVIRONMENTAL PROTECTION
Bureau of Case Management
401 East State Street
P.O. Box 420/Mail Code 401-05F
Trenton, NJ 08625-0028
Phone #: 609-633-1455
Fax #: 609-633-1439

BOB MARTIN Commissioner

August 15, 2016

William Colvin BRAC Environmental Coordinator OACSIM – U.S. Army Fort Monmouth PO Box 148 Oceanport, NJ 07757

Re:

Response to NJDEP Comments on Parcel 49 - Revised LWPA

Fort Monmouth

Oceanport, Monmouth County

PI G000000032

Dear Mr. Colvin:

The New Jersey Department of Environmental Protection (Department) has completed review of the referenced submittal, received on August 10, 2016. The Revised Workplan is approved, with comments as below.

North of Building 293

As previously indicated, the Department does not agree the low levels of PAH exceedances found in surficial soils in this area are reflective of diffuse anthropogenic pollutants (DAP); the presence of DAP is not supported by analytical results from previous sampling efforts performed in the area. The Army also posits anthropogenic background, fill, or landfill (SB1 being immediately adjacent to FTMM-18) as possible sources for the PAH exceedances, and further sampling has been proposed. The additional sampling as proposed is acceptable.

Building 283/PAR-49-SS-04

As previously indicated, the proposal was acceptable, with the following comments.

A review of the sample locations and analytical results in the area did not appear to indicate delineation was complete to the south or west of sample location PAR-49-SS-04. However, based upon verbal information provided by Parsons' Cris Grill, horizontal delineation is considered complete due to the presence of a basement at Building 283 in the immediate area of sample PAR-49-SS-04. Based upon this information, it is agreed no additional delineation is

necessary, however, please ensure the subsequent Remedial Investigation Report contains adequate documentation of the decision making process, including sample depths, basement depth, relative locations, as well as a narrative defense of same.

Area to the Northwest of Building 291

The proposal was previously found acceptable.

Please contact this office with any questions.

Sincerely,

Linda S. Range

Indo S. Kange

C: Joe Pearson, Calibre James Moore, USACE Rick Harrison, FMERA Joe Fallon, FMERA