



architects + engineers

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Melville, NY 11747

tel 631.756.8000
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February 12, 2018

Mr. Dave Raymond
NYSDEC – Region 1
SUNY at Stony Brook
50 Circle Road
Stony Brook, NY 11790

Re: Spill Closure Report
NYSDEC Spill Number: 1610169
DFCI Solutions, Inc. (formerly Dzus Fastener Co., Inc.)
425 Union Boulevard, West Islip, NY 11795

Dear Mr. Raymond:

H2M architects + engineers (H2M) provides herein a letter report summarizing the soil remediation associated with spill number 1610169 performed at the DFCI Solutions, Inc. (DFCI) property located at 425 Union Boulevard in West Islip, New York. The soil remediation was conducted at the referenced property in January and February of 2017 as part of the facility's RCRA Closure. The remediation work was performed by AARCO Environmental Services, Inc. (Lindenhurst, NY) under H2M direction in accordance with a NYSDEC-approved RCRA Closure Plan and Quality Assurance Project Plan (QAPP), dated October 28, 2016. The RCRA Closure Plan and QAPP were prepared by H2M in conformance with the NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation, and 6 NYCRR Part 375 Environmental Remediation Programs.

Background

DFCI ceased operations in 2015 and is undergoing a RCRA Closure under the direction of the NYSDEC Division of Environmental Remediation (Albany Office). Remedial actions, which included decontamination of building floors, soil excavation, leaching pool remediation, and implementation of a soil vapor extraction system, were summarized in the NYSDEC-approved RCRA Closure Plan and QAPP. The remedial actions were developed based on multiple previous investigations of the subject property. One of the remedial actions included the removal of metal (primarily cadmium) contaminated soils on the western portion of the site and to the south of a site building identified as the Plastics Manufacturing Building. The subject spill was reported when suspected petroleum impacted soils were identified during the excavation work in this area. A Facility Site Plan is provided as **Figure 1**.

Remedial Actions

Remedial excavations were performed south of the Plastics Manufacturing Building in accordance with the RCRA Closure Plan and QAPP, which outlined the remedial activities and endpoint sampling plan associated with these locations. The excavation for this location was performed from January 13 to January 24, 2017. The proposed excavation dimensions were approximately 20 feet long by 5 feet wide by 4 feet deep.

As the excavation progressed, suspected petroleum impacted soils were encountered. A photographic log is provided as **Attachment #1**. The impacted soils were observed to be dark gray to black with petroleum-like odors. Upon screening with a photoionization detector (PID), the impacted soil exhibited peak concentrations of 10-12 ppm. As stated above, the spill was reported to the NYSDEC and spill number 1610169 was assigned.

The impacted soil was removed until visually clean soils were observed. In addition, the soils were field screened with a PID and X-Ray Fluorescence (XRF) Spectrometer. The final excavation area was approximately 145 feet long by 55 feet wide by 4 feet deep. On the western end of the excavation, impacted soil was encountered at approximately 5-7 feet bgs, and was excavated to a final depth of 8 feet bgs. Based on the dimensions of the excavations, it is estimated that 837 cubic yards were removed from this excavation. The approximate area of the entire excavation and endpoint sampling locations are



shown in **Figure 2**. Due to plans for further site redevelopment, the excavated area has not been backfilled.

Due to the suspected petroleum impacts, the excavated soil was stockpiled separately for waste characterization. Excerpts of the analytical laboratory report for the stockpiled soil are provided as **Attachment #2**. These soils were combined with other non-hazardous site remediation soils for disposal. Copies of manifests for all non-hazardous soils are provided as **Attachment #3**.

The endpoint sampling for the excavation was conducted in accordance to the sampling protocol outlined in our RCRA Closure Plan and QAPP, which did not include analysis for petroleum-related compounds. Considering that the primary contaminants of concern were metals, the endpoint samples were only analyzed for RCRA Metals. A total of twenty-two (22) endpoint samples were collected, including five (5) from the north sidewall, five (5) from the south sidewall, two (2) from the east sidewall, two (2) from the west sidewall and eight (8) from the excavation bottom. The samples were submitted to Phoenix Environmental Laboratories, Inc. of Manchester, Connecticut (NYSDOH #11301). Excerpts of the analytical laboratory reports for the endpoint data are provided as **Attachment #4**. Endpoint sampling results, summarized in **Table 1**, were compared with the lower of the Part 375 Commercial Use and Protection of Groundwater Soil Cleanup Objectives (SCOs). As shown in **Table 1**, all samples, except for one south sidewall sample, were either non-detect or detected below the Part 375 SCOs. Endpoint sample SB-22/18/19-S2 on the south sidewall detected a cadmium exceedance above the SCO of 7.5 mg/kg. Therefore, this location was further remediated on February 17, 2017 and a secondary endpoint sample was subsequently collected. The secondary endpoint sample was non-detect for cadmium.

Based upon the extent of remediation performed, it is our opinion that no further actions are required with respect to spill number 1610169.

If you should have any questions, please contact the undersigned at (631) 756-8000, ext. 1483.

Very truly yours,

H2M architects + engineers

A handwritten signature in blue ink, appearing to read 'P. Lageraen'.

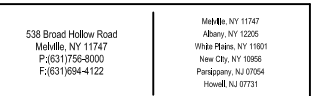
Paul R. Lageraen, P.E.
Vice President
Department Manager | Environmental Engineering

cc: S. Meshover, DFCI
K. Daniele, Esq.

Enclosures:

- Figure 1 – Facility Site Plan
- Figure 2 – Soil Excavation & Endpoint Sampling Locations
- Table 1 – Soil Excavation Confirmatory Sampling Results
- Attachment #1 – Photograph Log
- Attachment #2 – Waste Characterization Laboratory Data Excerpts
- Attachment #3 – Non-Hazardous Manifests
- Attachment #4 – Endpoint Sampling Laboratory Data Excerpts

FIGURES

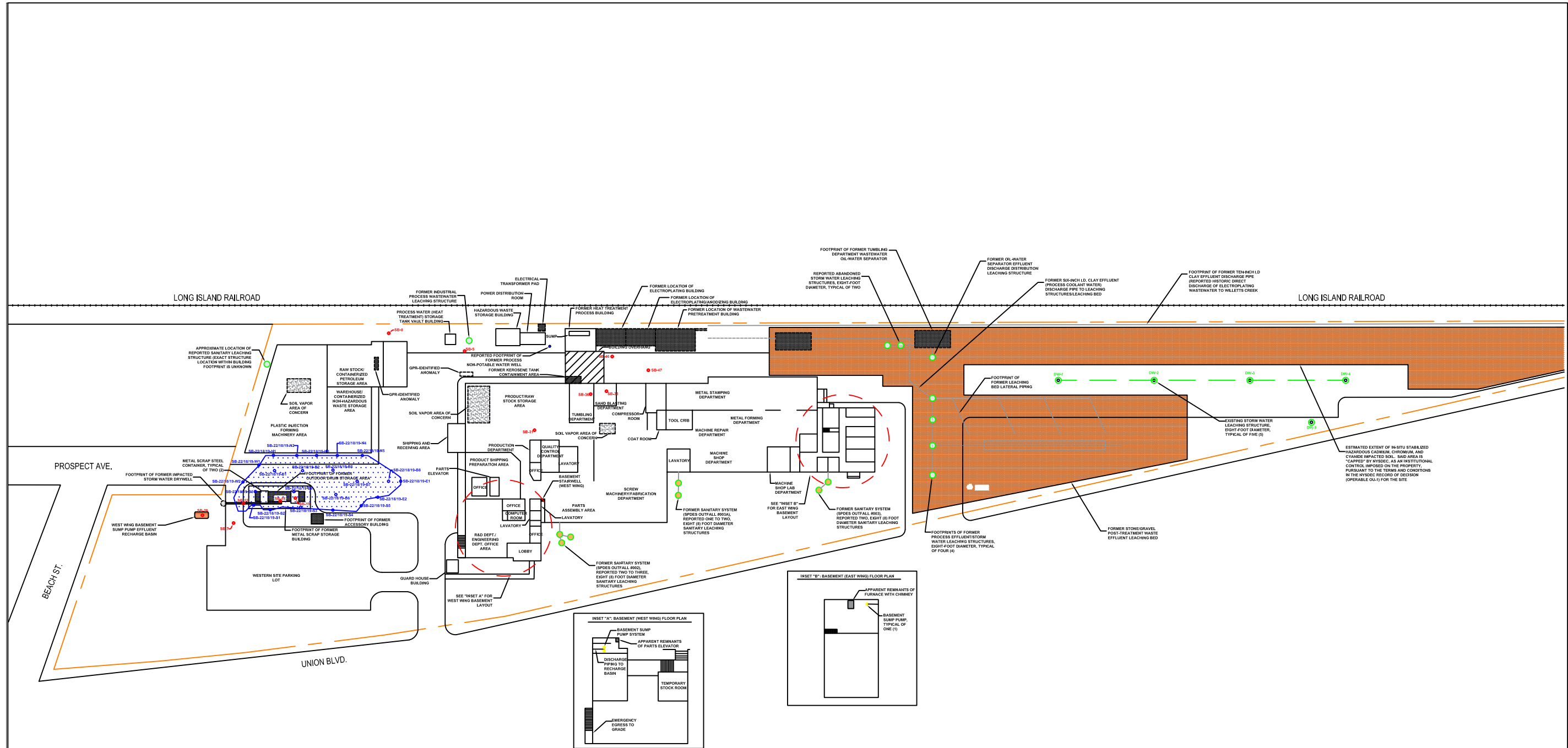


LEGEND: MW-1 	MONITORING WELL ID MONITORING WELL LOCATION
MW-8 	MONITORING WELL ID DESTROYED/MISSING MONITORING WELL LOCATION
	SPDES OUTFALL LOCATION
	LEACHING STRUCTURE LOCATION

425 UNION BOULEVARD
WEST ISLIP, NY 11795

H2M PROJECT NO.

DFCI 1701





LONG ISLAND RAILROAD

EXCAVATION ID	APPROXIMATE CUBIC YDS REMOVED
SB-20	555.6
SB-7	7.4
SB-22/18/19	837.1
SB-8	14.8
SB-5	29.6
H.T. Sump	37
H.T. Entrance	1.1
SB-46/47	92.4
Kerosene	7.7
SB-38	14.0
SB-36	17.1
SB-31	34.2

APPROXIMATE LOCATION OF REPORTED SANITARY LEACHING STRUCTURE (EXACT STRUCTURE LOCATION WITHIN BUILDING FOOTPRINT IS UNKNOWN)

RAW STOCK/CONTAINERIZED PETROLEUM STORAGE AREA

WAREHOUSE/CONTAINERIZED NON-HAZARDOUS WASTE STORAGE AREA

SOIL VAPOR AREA OF CONCERN

PLASTIC INJECTION FORMING MACHINERY AREA

METAL SCRAP STEEL CONTAINER, TYPICAL OF TWO (2)

FOOTPRINT OF FORMER IMPACTED STORM WATER DRYWELL

WEST WING BASEMENT SUMP PUMP EFFLUENT RECHARGE BASIN

WESTERN SITE PARKING LOT

UNION BLVD.

GUARD HOUSE BUILDING

SEE "INSET A" FOR WEST WING BASEMENT LAYOUT

FORMER INDUSTRIAL PROCESS WASTEWATER LEACHING STRUCTURE

POWER DISTRIBUTION ROOM

HAZARDOUS WASTE STORAGE BUILDING

SUMP

REPORTED FOOTPRINT OF FORMER PROCESS NON-POTABLE WATER WELL

FORMER KEROSENE TANK CONTAINMENT AREA

PRODUCT/RAW STOCK STORAGE AREA

SOIL VAPOR AREA OF CONCERN

SHIPPING AND RECEIVING AREA

PRODUCTION DEPARTMENT

PRODUCT SHIPPING PREPARATION AREA

OFFICE

OFFICE

COMPUTER ROOM

R&D DEPT./ENGINEERING DEPT. OFFICE AREA

LOBBY

OFFICE

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INSET "A": BASEMENT (WEST WING) FLOOR PLAN

BASEMENT SUMP PUMP SYSTEM

APPARENT REMNANTS OF PARTS ELEVATOR

DISCHARGE PIPING TO RECHARGE BASIN

TEMPORARY STOCK ROOM

EMERGENCY EGRESS TO GRADE

FORMER LOCATION OF ELECTROPLATING BUILDING

FORMER LOCATION OF ELECTROPLATING/ANODIZING BUILDING

FORMER LOCATION OF WASTEWATER PRETREATMENT BUILDING

FORMER HEAT TREATMENT PROCESS BUILDING

BUILDING OVERHANG

TUMBLING DEPARTMENT

SAND BLASTING DEPARTMENT

COMPRESSOR ROOM

METAL STAMPING DEPARTMENT

MACHINE REPAIR DEPARTMENT

MACHINE SHOP DEPARTMENT

TOOL CRIB

COAT ROOM

SCREW MACHINERY/FABRICATION DEPARTMENT

LAVATORY

LAVATORY

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Mid-Is. NY 11747
Albany, NY 12205
White Plains, NY 10601
New City, NY 10956
Port Jervis, NY 13854
Hawthorne, NJ 07031

NOTES:
BASE MAP OBTAINED FROM FIGURE 1: SOIL, SEDIMENT AND GROUNDWATER SAMPLING LOCATIONS: WESTERN SITE AREA, DATED MARCH 14, 2015, AND FIGURE 2: SOIL, SEDIMENT AND GROUNDWATER SAMPLING LOCATIONS: EASTERN SITE AREA, DATED MARCH 14, 2015. FIGURES 1 AND 2 OBTAINED FROM PHASE II ENVIRONMENTAL SITE ASSESSMENT, PREPARED BY IMPACT ENVIRONMENTAL, DATED AUGUST 26, 2015.
SOIL BORING CONCENTRATIONS FROM A PHASE II ESA PERFORMED BY IMPACT ENVIRONMENTAL, REPORT DATED AUGUST 26, 2015.

LEGEND:
SB-8 SOIL BORING ID
SOIL BORING SAMPLING LOCATION
SB-8 SOIL BORING ID
SOIL BORING SAMPLING LOCATION
SPDES OUTFALL LOCATION
LEACHING STRUCTURE LOCATION

*NOT DRAWN TO SCALE

CLIENT
DFCI SOLUTIONS, INC.

**425 UNION BOULEVARD
WEST ISLIP, NY 11795**

PROJECT
RCRA CLOSURE PLAN

SHEET NO.
FIGURE 2

SHEET TITLE
SOIL EXCAVATION & ENDPOINT SAMPLING LOCATIONS

H2M PROJECT NO.
DFCI 1701

TABLES

Table 1. Soil Excavation Confirmatory Sampling Results

Location:	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives ⁽¹⁾	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives ⁽¹⁾	SB-22 / SB-18 / SB-19									
Sample ID:			SB-22/18/19-N1	SB-22/18/19-N2	SB-22/18/19-N3	SB-22/18/19-N4	SB-22/18/19-N5	SB-22/18/19-S1	SB-22/18/19-S2	SB-22/18/19B-S2	SB-22/18/19-S3	SB-22/18/19-S4
Sample Date:			1/24/2017	1/24/2017	1/24/2017	1/24/2017	1/24/2017	1/24/2017	1/24/2017	2/17/2017	1/24/2017	1/24/2017
SDG No.:			GBX39244	GBX39244	GBX39244	GBX39244	GBX39244	GBX39244	GBX39265	GBX72664	GBX39265	GBX39265
Lab Sample ID:			BX39249	BX39250	BX39251	BX39252	BX39253	BX39254	BX39265	BX72665	BX39266	BX39267
Units:	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
RCRA Metals												
Arsenic	16	16	2.48	2.30	1.64	2.73	1.52	<0.74 U	<0.71 U	-	0.68	1.88
Barium	400	820	23.3	21.8	18.2	20.7	19.4	3.5	9.6 *	-	6.9 *	14.8 *
Cadmium	9.3	7.5	<0.37 U	<0.38 U	0.39	<0.36 U	<0.36 U	<0.37 U	18.5	<0.36 U	3.01	0.66
Chromium, hexavalent	400	19	-	-	-	-	-	-	-	-	-	-
Chromium, total	400	19	8.95	8.85	6.95	9.34	6.93	2.62	7.20	-	4.35	8.54
Lead	1,000	450	2.2	2.5	2.3	2.3	1.6	1.0	9.4	-	6.4	2.8
Mercury	2.8	0.73	<0.03 U	<0.03 U	<0.03 U	<0.03 U	<0.03 U	<0.03 U	<0.03 U	-	<0.03 U	<0.03 U
Selenium	1,500	4	<1.5 U	<1.5 U	<1.4 U	<1.4 U	<1.4 U	<1.5 U	<1.4 U	-	<1.3 U	<1.3 U
Silver	1,500	8.3	<0.37 U	<0.38 U	<0.34 U	<0.36 U	<0.36 U	<0.37 U	<0.35 U	-	<0.32 U	<0.32 U

Location:	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives ⁽¹⁾	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives ⁽¹⁾	SB-22 / SB-18 / SB-19									
Sample ID:			SB-22/18/19-S5	SB-22/18/19-E1	SB-22/18/19-E2	SB-22/18/19-W1	SB-22/18/19-W2	SB-22/18/19-B1	SB-22/18/19-B2	SB-22/18/19-B3	SB-22/18/19-B4	SB-22/18/19-B5
Sample Date:			1/24/2017	1/24/2017	1/24/2017	1/24/2017	1/24/2017	1/24/2017	1/24/2017	1/24/2017	1/24/2017	1/24/2017
SDG No.:			GBX39265	GBX39265	GBX39265	GBX39265	GBX39265	GBX39265	GBX39265	GBX39265	GBX39265	GBX39265
Lab Sample ID:			BX39268	BX39269	BX39270	BX39271	BX39272	BX39273	BX39274	BX39275	BX39276	BX39277
Units:	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
RCRA Metals												
Arsenic	16	16	2.44	3.07	2.27	3.15	0.74	<0.64 U	<0.69 U	<0.78 U	0.80	<0.72 U
Barium	400	820	22.0 *	30.9 *	22.7 *	31.6 *	7.2 *	2.4 *	2.4 *	2.7 *	4.4 *	3.3 *
Cadmium	9.3	7.5	0.52	<0.37 U	<0.34 U	0.51	<0.34 U	<0.32 U	<0.35 U	1.17	<0.34 U	<0.36 U
Chromium, hexavalent	400	19	-	-	-	-	-	-	-	-	-	-
Chromium, total	400	19	9.57	11.0	9.03	13.3	3.16	2.19	1.59	2.76	2.78	2.75
Lead	1,000	450	2.1	2.1	2.2	2.9	1.1	1.0	0.9	1.2	1.4	1.2
Mercury	2.8	0.73	<0.03 U	<0.03 U	<0.03 U	<0.03 U	<0.03 U	<0.03 U	<0.03 U	<0.03 U	<0.03 U	<0.03 U
Selenium	1,500	4	<1.3 U	<1.5 U	<1.4 U	<1.5 U	<1.3 U	<1.3 U	<1.4 U	<1.6 U	<1.4 U	<1.4 U
Silver	1,500	8.3	<0.32 U	<0.37 U	<0.34 U	<0.37 U	<0.34 U	<0.32 U	<0.35 U	<0.39 U	<0.34 U	<0.36 U

Location:	NYSDEC Part 375 Commercial Use Soil Cleanup Objectives ⁽¹⁾	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives ⁽¹⁾	SB-22 / SB-18 / SB-19		
Sample ID:			SB-22/18/19-B6	SB-22/18/19-B7	SB-22/18/19-B8
Sample Date:			1/24/2017	1/24/2017	1/24/2017
SDG No.:			GBX39265	GBX39265	GBX39265
Lab Sample ID:			BX39278	BX39279	BX39280
Units:	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
RCRA Metals					
Arsenic	16	16	<0.64 U	<0.66 U	<0.65 U
Barium	400	820	2.7 *	3.5 *	2.2 *
Cadmium	9.3	7.5	<0.32 U	<0.33 U	<0.32 U
Chromium, hexavalent	400	19	-	-	-
Chromium, total	400	19	0.80	1.73	1.07
Lead	1,000	450	0.7	1.1	0.7
Mercury	2.8	0.73	<0.03 U	<0.03 U	<0.03 U
Selenium	1,500	4	<1.3 U	<1.3 U	<1.3 U
Silver	1,500	8.3	<0.32 U	<0.33 U	<0.32 U

Notes:

(1) New York State Department of Environmental Conservation (NYSDEC) 6 NYCRR Part 375 Commercial Use and Protection of Groundwater Soil Cleanup Objectives (SCOs).

- : Parameter not analyzed.

Shaded values indicate concentrations exceeding the NYSDEC Part 375 Soil Cleanup Objectives.

Qualifiers:

J : The reported value was obtained from a reading that was less than the Reporting Level (RL) but greater than or equal to the Instrument Detection Limit (IDL).

U : The analyte was analyzed for but not detected at or above the IDL.

* : Duplicate analysis not within control limits.

ATTACHMENT #1

PHOTOGRAPH LOG

Excavation of SB-22/18/19



The start of excavation of SB-18, viewed to the southeast.



Excavation of SB-18, viewed to the east.



SB-18, discovery of petroleum-like impacted soils from 0.5' to 2'.



Excavation of SB-22, viewed to the south.



SB-22 viewed to the west. Grey impacted soils visible on the bottom of the excavation at approximately 5'-7'.



Excavation of SB-18 extends further north to find the extents of the impacted soil, viewed to the southwest.



The excavation of SB-18 combines with the excavation of SB-19 due to the areas where impacted soil is found, viewed to the northwest.



Impacted soils are removed from select locations where the contamination extended deeper than 4'.



Petroleum-like impacted soils are no longer observed to the north as the excavation nears the former Plastics Manufacturing Building.



Petroleum-like impacted soils are no longer observed to the east as the excavation nears the main building, viewed to the south.



Overview of the SB-22/18/19 excavation, viewed to the west.



Impacted soil is removed from SB-22 and a layer of sand is reached at approximately 8'.

Sampling of SB-22/18/19



Endpoint sampling of sidewall SB-22/18/19-S1 is conducted, viewed to the south.



Endpoint sampling of bottom SB-22/18/19-B7 is conducted, viewed to the southeast.



Sidewall sample SB-22/18/19-S2 exceeded the Part 375 SCOs for cadmium. The sampling location was excavated further and resampled.



The final extents of location SB-22/18/19-S2. Excavation ceases and the area remains devoid of backfill.

ATTACHMENT #2

WASTE CHARACTERIZATION LABORATORY DATA EXCERPTS



Monday, February 06, 2017

Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Project ID: DFCI RCRA CLOSURE
Sample ID#s: BX39282 - BX39289

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

February 06, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#: DFCI1701

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

01/25/17
01/26/17

Time

13:25
15:20

Laboratory Data

SDG ID: GBX39282
Phoenix ID: BX39285

Project ID: DFCI RCRA CLOSURE
Client ID: STOCKPILE SB-22

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	1260	4.8	mg/Kg	1	01/27/17	MA	SW6010C
Antimony	< 3.2	3.2	mg/Kg	1	01/27/17	MA	SW6010C
Arsenic	< 0.63	0.63	mg/Kg	1	01/27/17	MA	SW6010C
Barium	5.81	0.32	mg/Kg	1	01/27/17	MA	SW6010C
Beryllium	< 0.25	0.25	mg/Kg	1	01/27/17	MA	SW6010C
Calcium	248	4.8	mg/Kg	1	01/27/17	MA	SW6010C
Cadmium	10.2	0.32	mg/Kg	1	01/27/17	MA	SW6010C
Chromium	5.20	0.32	mg/Kg	1	01/27/17	MA	SW6010C
Cobalt	0.99	0.32	mg/Kg	1	01/27/17	MA	SW6010C
Copper	7.93	0.32	mg/kg	1	01/27/17	MA	SW6010C
Iron	1640	4.8	mg/Kg	1	01/27/17	MA	SW6010C
Lead	4.37	0.32	mg/Kg	1	01/27/17	MA	SW6010C
Magnesium	246	4.8	mg/Kg	1	01/27/17	MA	SW6010C
Manganese	19.0	0.32	mg/Kg	1	01/27/17	MA	SW6010C
Mercury	< 0.03	0.03	mg/Kg	1	01/27/17	RS	SW7471B
Nickel	3.97	0.32	mg/Kg	1	01/27/17	MA	SW6010C
Potassium	121	4.8	mg/Kg	1	01/27/17	MA	SW6010C
Selenium	< 1.3	1.3	mg/Kg	1	01/27/17	MA	SW6010C
Silver	< 0.32	0.32	mg/Kg	1	01/27/17	MA	SW6010C
Sodium	11.2	4.8	mg/Kg	1	01/27/17	MA	SW6010C
TCLP Silver	< 0.10	0.10	mg/L	1	01/29/17	LK	SW6010C
TCLP Arsenic	< 0.10	0.10	mg/L	1	01/29/17	LK	SW6010C
TCLP Barium	0.27	0.10	mg/L	1	01/29/17	LK	SW6010C
TCLP Cadmium	0.638	0.050	mg/L	1	01/29/17	LK	SW6010C
TCLP Chromium	< 0.10	0.10	mg/L	1	01/29/17	LK	SW6010C
TCLP Mercury	< 0.0002	0.0002	mg/L	1	01/30/17	RS	SW7470A
TCLP Lead	< 0.10	0.10	mg/L	1	01/29/17	LK	SW6010C
TCLP Selenium	< 0.10	0.10	mg/L	1	01/29/17	LK	SW6010C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
TCLP Metals Digestion	Completed				01/27/17	Q/Q	SW3005A
Thallium	< 2.9	2.9	mg/Kg	1	01/27/17	MA	SW6010C
Vanadium	3.29	0.32	mg/Kg	1	01/27/17	MA	SW6010C
Zinc	8.94	0.32	mg/Kg	1	01/27/17	MA	SW6010C
Percent Solid	95		%		01/26/17	Q	SW846-%Solid
Soil Extraction for PCB	Completed				01/26/17	JC/V	SW3545A
Soil Extraction for Pest	Completed				01/26/17	JC/V	SW3545A
Soil Extraction for SVOA	Completed				01/26/17	JJ/CKV	SW3545A
Mercury Digestion	Completed				01/27/17	Q/Q	SW7471B
EPH Extraction	Completed				01/26/17	JC/CKV	NJDEP 10-08 R3
Paint Filter Test	Passed		PASS/FAIL		01/26/17	J	SW9095B
Soil Extraction for Herbicide	Completed				01/26/17	G/D	SW8151A
TCLP Digestion Mercury	Completed				01/30/17	Q/Q	SW7470A
TCLP Extraction for Metals	Completed				01/26/17	Q	SW1311
Total Metals Digest	Completed				01/26/17	N/AG	SW3050B
Extraction of TPH SM	Completed				01/26/17	JC/CKV	SW3545A

NJ EPH Category 1 (Fuel #2/Diesel)

>C28-C40	830	520	mg/kg	10	01/30/17	AW	NJEPH 10-08 R3	1
C9-C28	4900	520	mg/kg	10	01/30/17	AW	NJEPH 10-08 R3	1
Total EPH	5730	520	mg/kg	10	01/30/17	AW	NJEPH 10-08 R3	1

QA/QC Surrogates

% COD (surr)	Diluted Out		%	10	01/30/17	AW	40 - 140 %
% Terphenyl (surr)	Diluted Out		%	10	01/30/17	AW	40 - 140 %

Chlorinated Herbicides

2,4,5-T	ND	87	ug/Kg	10	01/28/17	CE	SW8151A
2,4,5-TP (Silvex)	ND	87	ug/Kg	10	01/28/17	CE	SW8151A
2,4-D	ND	170	ug/Kg	10	01/28/17	CE	SW8151A
2,4-DB	ND	1700	ug/Kg	10	01/28/17	CE	SW8151A
Dalapon	ND	87	ug/Kg	10	01/28/17	CE	SW8151A
Dicamba	ND	87	ug/Kg	10	01/28/17	CE	SW8151A
Dichloroprop	ND	170	ug/Kg	10	01/28/17	CE	SW8151A
Dinoseb	ND	170	ug/Kg	10	01/28/17	CE	SW8151A

QA/QC Surrogates

% DCAA	78		%	10	01/28/17	CE	30 - 150 %
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Polychlorinated Biphenyls

PCB-1016	ND	1700	ug/Kg	50	01/27/17	AW	SW8082A
PCB-1221	ND	1700	ug/Kg	50	01/27/17	AW	SW8082A
PCB-1232	ND	1700	ug/Kg	50	01/27/17	AW	SW8082A
PCB-1242	ND	1700	ug/Kg	50	01/27/17	AW	SW8082A
PCB-1248	ND	1700	ug/Kg	50	01/27/17	AW	SW8082A
PCB-1254	6800	1700	ug/Kg	50	01/27/17	AW	SW8082A
PCB-1260	ND	1700	ug/Kg	50	01/27/17	AW	SW8082A
PCB-1262	ND	1700	ug/Kg	50	01/27/17	AW	SW8082A
PCB-1268	ND	1700	ug/Kg	50	01/27/17	AW	SW8082A

QA/QC Surrogates

% DCBP	Diluted Out		%	50	01/27/17	AW	30 - 150 %
% TCMX	Diluted Out		%	50	01/27/17	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>Pesticides - Soil</u>							
4,4' -DDD	ND	210	ug/Kg	200	01/31/17	CE	SW8081B
4,4' -DDE	ND	210	ug/Kg	200	01/31/17	CE	SW8081B
4,4' -DDT	ND	210	ug/Kg	200	01/31/17	CE	SW8081B
a-BHC	ND	700	ug/Kg	200	01/31/17	CE	SW8081B
a-Chlordane	ND	350	ug/Kg	200	01/31/17	CE	SW8081B
Aldrin	ND	350	ug/Kg	200	01/31/17	CE	SW8081B
b-BHC	ND	700	ug/Kg	200	01/31/17	CE	SW8081B
Chlordane	ND	3500	ug/Kg	200	01/31/17	CE	SW8081B
d-BHC	ND	700	ug/Kg	200	01/31/17	CE	SW8081B
Dieldrin	ND	350	ug/Kg	200	01/31/17	CE	SW8081B
Endosulfan I	ND	700	ug/Kg	200	01/31/17	CE	SW8081B
Endosulfan II	ND	700	ug/Kg	200	01/31/17	CE	SW8081B
Endosulfan sulfate	ND	700	ug/Kg	200	01/31/17	CE	SW8081B
Endrin	ND	700	ug/Kg	200	01/31/17	CE	SW8081B
Endrin aldehyde	ND	700	ug/Kg	200	01/31/17	CE	SW8081B
Endrin ketone	ND	700	ug/Kg	200	01/31/17	CE	SW8081B
g-BHC	ND	140	ug/Kg	200	01/31/17	CE	SW8081B
g-Chlordane	ND	350	ug/Kg	200	01/31/17	CE	SW8081B
Heptachlor	ND	700	ug/Kg	200	01/31/17	CE	SW8081B
Heptachlor epoxide	ND	700	ug/Kg	200	01/31/17	CE	SW8081B
Methoxychlor	ND	3500	ug/Kg	200	01/31/17	CE	SW8081B
Toxaphene	ND	14000	ug/Kg	200	01/31/17	CE	SW8081B
<u>QA/QC Surrogates</u>							
% DCBP	Diluted Out		%	200	01/31/17	CE	30 - 150 %
% TCMX	Diluted Out		%	200	01/31/17	CE	30 - 150 %
<u>TPH DRO (C10-C28)</u>							
Diesel Range Organics (C10-C28)	5000	1000	mg/Kg	20	01/30/17	JRB	SW8015D DRO
<u>QA/QC Surrogates</u>							
% n-Pentacosane	Diluted Out		%	20	01/30/17	JRB	50 - 150 %
<u>Volatiles (TCL)</u>							
1,1,1-Trichloroethane	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
1,1,2-Trichloroethane	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
1,1-Dichloroethane	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
1,1-Dichloroethene	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
1,2-Dibromoethane	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
1,2-Dichlorobenzene	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
1,2-Dichloroethane	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
1,2-Dichloropropane	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
1,3-Dichlorobenzene	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
1,4-Dichlorobenzene	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
2-Hexanone	ND	3500	ug/kg	50	01/29/17	JLI	SW8260C
4-Methyl-2-pentanone	ND	3500	ug/kg	50	01/29/17	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	7000	ug/kg	50	01/29/17	JLI	SW8260C
Benzene	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
Bromochloromethane	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
Bromodichloromethane	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
Bromoform	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
Bromomethane	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
Carbon Disulfide	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
Carbon tetrachloride	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
Chlorobenzene	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
Chloroethane	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
Chloroform	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
Chloromethane	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
cis-1,2-Dichloroethene	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
cis-1,3-Dichloropropene	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
Cyclohexane	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
Dibromochloromethane	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
Dichlorodifluoromethane	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
Ethylbenzene	820	700	ug/kg	50	01/29/17	JLI	SW8260C
Isopropylbenzene	2200	700	ug/kg	50	01/29/17	JLI	SW8260C
m&p-Xylene	4300	700	ug/kg	50	01/29/17	JLI	SW8260C
Methyl ethyl ketone	ND	4200	ug/kg	50	01/29/17	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	1400	ug/kg	50	01/29/17	JLI	SW8260C
Methylacetate	ND	560	ug/kg	50	01/29/17	JLI	SW8260C
Methylcyclohexane	1400	700	ug/kg	50	01/29/17	JLI	SW8260C
Methylene chloride	ND	3500	ug/kg	50	01/29/17	JLI	SW8260C
o-Xylene	2500	700	ug/kg	50	01/29/17	JLI	SW8260C
Styrene	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
Tetrachloroethene	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
Toluene	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
Total Xylenes	6800	700	ug/kg	50	01/29/17	JLI	SW8260C
trans-1,2-Dichloroethene	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
trans-1,3-Dichloropropene	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
Trichloroethene	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
Trichlorofluoromethane	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
Trichlorotrifluoroethane	ND	700	ug/kg	50	01/29/17	JLI	SW8260C
Vinyl chloride	ND	700	ug/kg	50	01/29/17	JLI	SW8260C

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	90		%	50	01/29/17	JLI	70 - 130 %
% Bromofluorobenzene	110		%	200	01/29/17	JLI	70 - 130 %
% Dibromofluoromethane	100		%	50	01/29/17	JLI	70 - 130 %
% Toluene-d8	82		%	50	01/29/17	JLI	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	11000	ug/kg	50	01/29/17	JLI	SW8260C
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Volatile Library Search Top 15

Completed

01/30/17

JLI

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Semivolatiles

1,1-Biphenyl	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2,3,4,6-tetrachlorophenol	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
2,4,5-Trichlorophenol	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
2,4,6-Trichlorophenol	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
2,4-Dichlorophenol	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
2,4-Dimethylphenol	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
2,4-Dinitrophenol	ND	11000	ug/Kg	20	01/27/17	DD	SW8270D
2,4-Dinitrotoluene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
2,6-Dinitrotoluene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
2-Chloronaphthalene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
2-Chlorophenol	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
2-Methylnaphthalene	6300	4800	ug/Kg	20	01/27/17	DD	SW8270D
2-Methylphenol (o-cresol)	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
2-Nitroaniline	ND	11000	ug/Kg	20	01/27/17	DD	SW8270D
2-Nitrophenol	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	6800	ug/Kg	20	01/27/17	DD	SW8270D
3,3'-Dichlorobenzidine	ND	8200	ug/Kg	20	01/27/17	DD	SW8270D
3-Nitroaniline	ND	11000	ug/Kg	20	01/27/17	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	20000	ug/Kg	20	01/27/17	DD	SW8270D
4-Bromophenyl phenyl ether	ND	6800	ug/Kg	20	01/27/17	DD	SW8270D
4-Chloro-3-methylphenol	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
4-Chloroaniline	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
4-Nitroaniline	ND	11000	ug/Kg	20	01/27/17	DD	SW8270D
4-Nitrophenol	ND	20000	ug/Kg	20	01/27/17	DD	SW8270D
Acenaphthene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Acenaphthylene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Acetophenone	7000	4800	ug/Kg	20	01/27/17	DD	SW8270D
Anthracene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Atrazine	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Benz(a)anthracene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Benzaldehyde	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Benzo(a)pyrene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Benzo(b)fluoranthene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Benzo(ghi)perylene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Benzo(k)fluoranthene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Benzyl butyl phthalate	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Bis(2-chloroethyl)ether	ND	6800	ug/Kg	20	01/27/17	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Caprolactam	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Carbazole	ND	6800	ug/Kg	20	01/27/17	DD	SW8270D
Chrysene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Dibenz(a,h)anthracene	ND	3400	ug/Kg	20	01/27/17	DD	SW8270D
Dibenzofuran	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Diethyl phthalate	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Dimethylphthalate	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Di-n-butylphthalate	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Di-n-octylphthalate	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D

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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluoranthene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Fluorene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Hexachlorobenzene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Hexachlorobutadiene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Hexachloroethane	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Isophorone	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Naphthalene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Nitrobenzene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
N-Nitrosodimethylamine	ND	6800	ug/Kg	20	01/27/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	3400	ug/Kg	20	01/27/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	6800	ug/Kg	20	01/27/17	DD	SW8270D
Pentachlorophenol	ND	6800	ug/Kg	20	01/27/17	DD	SW8270D
Phenanthrene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Phenol	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
Pyrene	ND	4800	ug/Kg	20	01/27/17	DD	SW8270D
<u>QA/QC Surrogates</u>							
% 2,4,6-Tribromophenol	Diluted Out		%	20	01/27/17	DD	30 - 130 %
% 2-Fluorobiphenyl	Diluted Out		%	20	01/27/17	DD	30 - 130 %
% 2-Fluorophenol	Diluted Out		%	20	01/27/17	DD	30 - 130 %
% Nitrobenzene-d5	Diluted Out		%	20	01/27/17	DD	30 - 130 %
% Phenol-d5	Diluted Out		%	20	01/27/17	DD	30 - 130 %
% Terphenyl-d14	Diluted Out		%	20	01/27/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				01/30/17	DD	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Semi-Volatile Comment:

Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

Volatile Comment:

Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

Pesticide Comment:

Due to matrix interference caused by the presence of PCBs in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 06, 2017

Reviewed and Released by: Ethan Lee, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

February 06, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#: DFCI1701

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

01/25/17
01/26/17

Time

12:55
15:20

Laboratory Data

SDG ID: GBX39282
Phoenix ID: BX39287

Project ID: DFCI RCRA CLOSURE
Client ID: STOCKPILE SB-18

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	2970	55	mg/Kg	10	01/30/17	TH	SW6010C
Antimony	< 3.7	3.7	mg/Kg	1	01/27/17	LK	SW6010C
Arsenic	1.37	0.74	mg/Kg	1	01/27/17	TH	SW6010C
Barium	13.7	0.37	mg/Kg	1	01/27/17	TH	SW6010C
Beryllium	< 0.29	0.29	mg/Kg	1	01/27/17	TH	SW6010C
Calcium	3010	5.5	mg/Kg	1	01/27/17	LK	SW6010C
Cadmium	8.11	0.37	mg/Kg	1	01/27/17	TH	SW6010C
Chromium	17.3	0.37	mg/Kg	1	01/27/17	TH	SW6010C
Cobalt	1.90	0.37	mg/Kg	1	01/27/17	TH	SW6010C
Copper	13.8	0.37	mg/kg	1	01/27/17	TH	SW6010C
Iron	5730	5.5	mg/Kg	1	01/27/17	TH	SW6010C
Lead	17.8	0.37	mg/Kg	1	01/27/17	TH	SW6010C
Magnesium	1470	5.5	mg/Kg	1	01/27/17	TH	SW6010C
Manganese	81.3	0.37	mg/Kg	1	01/27/17	TH	SW6010C
Mercury	< 0.03	0.03	mg/Kg	1	01/27/17	RS	SW7471B
Nickel	12.1	0.37	mg/Kg	1	01/27/17	TH	SW6010C
Potassium	191	5.5	mg/Kg	1	01/27/17	LK	SW6010C
Selenium	< 1.5	1.5	mg/Kg	1	01/27/17	TH	SW6010C
Silver	< 0.37	0.37	mg/Kg	1	01/27/17	TH	SW6010C
Sodium	33.8	5.5	mg/Kg	1	01/27/17	TH	SW6010C
TCLP Silver	< 0.10	0.10	mg/L	1	01/29/17	LK	SW6010C
TCLP Arsenic	< 0.10	0.10	mg/L	1	01/29/17	LK	SW6010C
TCLP Barium	0.31	0.10	mg/L	1	01/29/17	LK	SW6010C
TCLP Cadmium	0.136	0.050	mg/L	1	01/29/17	LK	SW6010C
TCLP Chromium	< 0.10	0.10	mg/L	1	01/29/17	LK	SW6010C
TCLP Mercury	< 0.0002	0.0002	mg/L	1	01/30/17	RS	SW7470A
TCLP Lead	< 0.10	0.10	mg/L	1	01/29/17	LK	SW6010C
TCLP Selenium	< 0.10	0.10	mg/L	1	01/29/17	LK	SW6010C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
TCLP Metals Digestion	Completed				01/27/17	Q/Q	SW3005A
Thallium	< 3.3	3.3	mg/Kg	1	01/27/17	TH	SW6010C
Vanadium	10.6	0.37	mg/Kg	1	01/27/17	TH	SW6010C
Zinc	69.9	0.37	mg/Kg	1	01/27/17	LK	SW6010C
Percent Solid	93		%		01/26/17	Q	SW846-%Solid
Soil Extraction for PCB	Completed				01/26/17	JC/V	SW3545A
Soil Extraction for Pest	Completed				01/26/17	JC/V	SW3545A
Soil Extraction for SVOA	Completed				01/26/17	JJ/CKV	SW3545A
Mercury Digestion	Completed				01/27/17	Q/Q	SW7471B
EPH Extraction	Completed				01/26/17	JC/CKV	NJDEP 10-08 R3
Paint Filter Test	Passed		PASS/FAIL		01/26/17	J	SW9095B
Soil Extraction for Herbicide	Completed				01/26/17	G/D	SW8151A
TCLP Digestion Mercury	Completed				01/30/17	Q/Q	SW7470A
TCLP Extraction for Metals	Completed				01/26/17	Q	SW1311
Total Metals Digest	Completed				01/26/17	N/AG	SW3050B
Extraction of TPH SM	Completed				01/26/17	JC/CKV	SW3545A

NJ EPH Category 1 (Fuel #2/Diesel)

>C28-C40	ND	260	mg/kg	5	01/31/17	AW	NJEPH 10-08 R3	1
C9-C28	600	260	mg/kg	5	01/31/17	AW	NJEPH 10-08 R3	1
Total EPH	600	260	mg/kg	5	01/31/17	AW	NJEPH 10-08 R3	1

QA/QC Surrogates

% COD (surr)	56		%	5	01/31/17	AW	40 - 140 %
% Terphenyl (surr)	63		%	5	01/31/17	AW	40 - 140 %

Chlorinated Herbicides

2,4,5-T	ND	89	ug/Kg	10	01/28/17	CE	SW8151A
2,4,5-TP (Silvex)	ND	89	ug/Kg	10	01/28/17	CE	SW8151A
2,4-D	ND	180	ug/Kg	10	01/28/17	CE	SW8151A
2,4-DB	ND	1800	ug/Kg	10	01/28/17	CE	SW8151A
Dalapon	ND	89	ug/Kg	10	01/28/17	CE	SW8151A
Dicamba	ND	89	ug/Kg	10	01/28/17	CE	SW8151A
Dichloroprop	ND	180	ug/Kg	10	01/28/17	CE	SW8151A
Dinoseb	ND	180	ug/Kg	10	01/28/17	CE	SW8151A

QA/QC Surrogates

% DCAA	73		%	10	01/28/17	CE	30 - 150 %
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Polychlorinated Biphenyls

PCB-1016	ND	350	ug/Kg	10	01/27/17	AW	SW8082A
PCB-1221	ND	350	ug/Kg	10	01/27/17	AW	SW8082A
PCB-1232	ND	350	ug/Kg	10	01/27/17	AW	SW8082A
PCB-1242	ND	350	ug/Kg	10	01/27/17	AW	SW8082A
PCB-1248	ND	350	ug/Kg	10	01/27/17	AW	SW8082A
PCB-1254	1000	350	ug/Kg	10	01/27/17	AW	SW8082A
PCB-1260	ND	350	ug/Kg	10	01/27/17	AW	SW8082A
PCB-1262	ND	350	ug/Kg	10	01/27/17	AW	SW8082A
PCB-1268	ND	350	ug/Kg	10	01/27/17	AW	SW8082A

QA/QC Surrogates

% DCBP	85		%	10	01/27/17	AW	30 - 150 %
% TCMX	77		%	10	01/27/17	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>Pesticides - Soil</u>							
4,4' -DDD	ND	2.1	ug/Kg	2	01/29/17	KCA	SW8081B
4,4' -DDE	ND	18	ug/Kg	2	01/29/17	KCA	SW8081B
4,4' -DDT	ND	2.1	ug/Kg	2	01/29/17	KCA	SW8081B
a-BHC	ND	7.1	ug/Kg	2	01/29/17	KCA	SW8081B
a-Chlordane	ND	3.5	ug/Kg	2	01/29/17	KCA	SW8081B
Aldrin	ND	3.5	ug/Kg	2	01/29/17	KCA	SW8081B
b-BHC	ND	7.1	ug/Kg	2	01/29/17	KCA	SW8081B
Chlordane	ND	35	ug/Kg	2	01/29/17	KCA	SW8081B
d-BHC	ND	7.1	ug/Kg	2	01/29/17	KCA	SW8081B
Dieldrin	ND	18	ug/Kg	2	01/29/17	KCA	SW8081B
Endosulfan I	ND	7.1	ug/Kg	2	01/29/17	KCA	SW8081B
Endosulfan II	ND	7.1	ug/Kg	2	01/29/17	KCA	SW8081B
Endosulfan sulfate	ND	7.1	ug/Kg	2	01/29/17	KCA	SW8081B
Endrin	ND	53	ug/Kg	2	01/29/17	KCA	SW8081B
Endrin aldehyde	ND	7.1	ug/Kg	2	01/29/17	KCA	SW8081B
Endrin ketone	ND	7.1	ug/Kg	2	01/29/17	KCA	SW8081B
g-BHC	ND	1.4	ug/Kg	2	01/29/17	KCA	SW8081B
g-Chlordane	ND	3.5	ug/Kg	2	01/29/17	KCA	SW8081B
Heptachlor	ND	7.1	ug/Kg	2	01/29/17	KCA	SW8081B
Heptachlor epoxide	ND	7.1	ug/Kg	2	01/29/17	KCA	SW8081B
Methoxychlor	ND	35	ug/Kg	2	01/29/17	KCA	SW8081B
Toxaphene	ND	140	ug/Kg	2	01/29/17	KCA	SW8081B
<u>QA/QC Surrogates</u>							
% DCBP	66		%	2	01/29/17	KCA	30 - 150 %
% TCMX	71		%	2	01/29/17	KCA	30 - 150 %
<u>TPH DRO (C10-C28)</u>							
Diesel Range Organics (C10-C28)	890	52	mg/Kg	1	01/28/17	JRB	SW8015D DRO
<u>QA/QC Surrogates</u>							
% n-Pentacosane	Interference		%	1	01/28/17	JRB	50 - 150 %
<u>Volatiles (TCL)</u>							
1,1,1-Trichloroethane	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
1,1-Dichloroethane	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
1,1-Dichloroethene	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
1,2-Dibromoethane	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
1,2-Dichloroethane	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
1,2-Dichloropropane	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
2-Hexanone	ND	27	ug/kg	1	01/28/17	JLI	SW8260C
4-Methyl-2-pentanone	ND	27	ug/kg	1	01/28/17	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	55	ug/kg	1	01/28/17	JLI	SW8260C
Benzene	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Bromochloromethane	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Bromodichloromethane	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Bromoform	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Bromomethane	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Carbon Disulfide	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Carbon tetrachloride	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Chlorobenzene	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Chloroethane	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Chloroform	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Chloromethane	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Cyclohexane	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Dibromochloromethane	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Dichlorodifluoromethane	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Ethylbenzene	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Isopropylbenzene	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
m&p-Xylene	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Methyl ethyl ketone	ND	33	ug/kg	1	01/28/17	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	ug/kg	1	01/28/17	JLI	SW8260C
Methylacetate	ND	4.4	ug/kg	1	01/28/17	JLI	SW8260C
Methylcyclohexane	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Methylene chloride	ND	27	ug/kg	1	01/28/17	JLI	SW8260C
o-Xylene	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Styrene	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Tetrachloroethene	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Toluene	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Total Xylenes	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Trichloroethene	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Trichlorofluoromethane	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C
Vinyl chloride	ND	5.5	ug/kg	1	01/28/17	JLI	SW8260C

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	99		%	1	01/28/17	JLI	70 - 130 %
% Bromofluorobenzene	99		%	1	01/28/17	JLI	70 - 130 %
% Dibromofluoromethane	101		%	1	01/28/17	JLI	70 - 130 %
% Toluene-d8	100		%	1	01/28/17	JLI	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	82	ug/kg	1	01/28/17	JLI	SW8260C
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Volatile Library Search Top 15 Completed

01/30/17 JLI

1

Semivolatiles

1,1-Biphenyl	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2,3,4,6-tetrachlorophenol	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
2,4,5-Trichlorophenol	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
2,4,6-Trichlorophenol	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
2,4-Dichlorophenol	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
2,4-Dimethylphenol	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
2,4-Dinitrophenol	ND	560	ug/Kg	1	01/27/17	DD	SW8270D
2,4-Dinitrotoluene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
2,6-Dinitrotoluene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
2-Chloronaphthalene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
2-Chlorophenol	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
2-Methylnaphthalene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
2-Methylphenol (o-cresol)	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
2-Nitroaniline	ND	560	ug/Kg	1	01/27/17	DD	SW8270D
2-Nitrophenol	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	350	ug/Kg	1	01/27/17	DD	SW8270D
3,3'-Dichlorobenzidine	ND	420	ug/Kg	1	01/27/17	DD	SW8270D
3-Nitroaniline	ND	560	ug/Kg	1	01/27/17	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	1	01/27/17	DD	SW8270D
4-Bromophenyl phenyl ether	ND	350	ug/Kg	1	01/27/17	DD	SW8270D
4-Chloro-3-methylphenol	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
4-Chloroaniline	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
4-Nitroaniline	ND	560	ug/Kg	1	01/27/17	DD	SW8270D
4-Nitrophenol	ND	1000	ug/Kg	1	01/27/17	DD	SW8270D
Acenaphthene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Acenaphthylene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Acetophenone	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Anthracene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Atrazine	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Benz(a)anthracene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Benzaldehyde	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Benzo(a)pyrene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Benzo(b)fluoranthene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Benzo(ghi)perylene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Benzo(k)fluoranthene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Benzyl butyl phthalate	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Bis(2-chloroethyl)ether	ND	350	ug/Kg	1	01/27/17	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Caprolactam	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Carbazole	ND	350	ug/Kg	1	01/27/17	DD	SW8270D
Chrysene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Dibenz(a,h)anthracene	ND	180	ug/Kg	1	01/27/17	DD	SW8270D
Dibenzofuran	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Diethyl phthalate	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Dimethylphthalate	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Di-n-butylphthalate	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Di-n-octylphthalate	ND	250	ug/Kg	1	01/27/17	DD	SW8270D

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluoranthene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Fluorene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Hexachlorobenzene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Hexachlorobutadiene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Hexachloroethane	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Isophorone	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Naphthalene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Nitrobenzene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
N-Nitrosodimethylamine	ND	350	ug/Kg	1	01/27/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	180	ug/Kg	1	01/27/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	350	ug/Kg	1	01/27/17	DD	SW8270D
Pentachlorophenol	ND	350	ug/Kg	1	01/27/17	DD	SW8270D
Phenanthrene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Phenol	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
Pyrene	ND	250	ug/Kg	1	01/27/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	49		%	1	01/27/17	DD	30 - 130 %
% 2-Fluorobiphenyl	51		%	1	01/27/17	DD	30 - 130 %
% 2-Fluorophenol	44		%	1	01/27/17	DD	30 - 130 %
% Nitrobenzene-d5	40		%	1	01/27/17	DD	30 - 130 %
% Phenol-d5	43		%	1	01/27/17	DD	30 - 130 %
% Terphenyl-d14	55		%	1	01/27/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				01/27/17	DD	

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

February 06, 2017

Reviewed and Released by: Ethan Lee, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

February 06, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#: DFCI1701

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

01/25/17 12:45
01/26/17 15:20

Time

Laboratory Data

SDG ID: GBX39282
Phoenix ID: BX39289

Project ID: DFCI RCRA CLOSURE
Client ID: STOCKPILE SB-18/19

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Aluminum	4970	53	mg/Kg	10	01/30/17	TH	SW6010C
Antimony	< 3.5	3.5	mg/Kg	1	01/27/17	LK	SW6010C
Arsenic	2.73	0.71	mg/Kg	1	01/27/17	TH	SW6010C
Barium	18.1	0.35	mg/Kg	1	01/27/17	TH	SW6010C
Beryllium	< 0.28	0.28	mg/Kg	1	01/27/17	TH	SW6010C
Calcium	1770	5.3	mg/Kg	1	01/27/17	LK	SW6010C
Cadmium	15.3	0.35	mg/Kg	1	01/27/17	TH	SW6010C
Chromium	21.3	0.35	mg/Kg	1	01/27/17	TH	SW6010C
Cobalt	7.49	0.35	mg/Kg	1	01/27/17	TH	SW6010C
Copper	911	3.5	mg/kg	10	01/30/17	TH	SW6010C
Iron	14800	53	mg/Kg	10	01/30/17	TH	SW6010C
Lead	9.15	0.35	mg/Kg	1	01/27/17	TH	SW6010C
Magnesium	832	5.3	mg/Kg	1	01/27/17	TH	SW6010C
Manganese	165	3.5	mg/Kg	10	01/30/17	TH	SW6010C
Mercury	< 0.03	0.03	mg/Kg	1	01/27/17	RS	SW7471B
Nickel	443	3.5	mg/Kg	10	01/30/17	TH	SW6010C
Potassium	313	5.3	mg/Kg	1	01/27/17	LK	SW6010C
Selenium	< 1.4	1.4	mg/Kg	1	01/27/17	TH	SW6010C
Silver	< 0.35	0.35	mg/Kg	1	01/27/17	TH	SW6010C
Sodium	42.5	5.3	mg/Kg	1	01/27/17	TH	SW6010C
TCLP Silver	< 0.10	0.10	mg/L	1	01/29/17	LK	SW6010C
TCLP Arsenic	< 0.10	0.10	mg/L	1	01/29/17	LK	SW6010C
TCLP Barium	0.37	0.10	mg/L	1	01/29/17	LK	SW6010C
TCLP Cadmium	0.479	0.050	mg/L	1	01/29/17	LK	SW6010C
TCLP Chromium	< 0.10	0.10	mg/L	1	01/29/17	LK	SW6010C
TCLP Mercury	< 0.0002	0.0002	mg/L	1	01/30/17	RS	SW7470A
TCLP Lead	< 0.10	0.10	mg/L	1	01/29/17	LK	SW6010C
TCLP Selenium	< 0.10	0.10	mg/L	1	01/29/17	LK	SW6010C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
TCLP Metals Digestion	Completed				01/27/17	Q/Q	SW3005A
Thallium	< 3.2	3.2	mg/Kg	1	01/27/17	TH	SW6010C
Vanadium	11.9	0.35	mg/Kg	1	01/27/17	TH	SW6010C
Zinc	25.1	0.35	mg/Kg	1	01/27/17	LK	SW6010C
Percent Solid	87		%		01/26/17	Q	SW846-%Solid
Soil Extraction for PCB	Completed				01/26/17	JC/V	SW3545A
Soil Extraction for Pest	Completed				01/26/17	JC/V	SW3545A
Soil Extraction for SVOA	Completed				01/26/17	JJ/CKV	SW3545A
Mercury Digestion	Completed				01/27/17	Q/Q	SW7471B
EPH Extraction	Completed				01/26/17	JC/CKV	NJDEP 10-08 R3
Paint Filter Test	Passed		PASS/FAIL		01/26/17	J	SW9095B
Soil Extraction for Herbicide	Completed				01/26/17	G/D	SW8151A
TCLP Digestion Mercury	Completed				01/30/17	Q/Q	SW7470A
TCLP Extraction for Metals	Completed				01/26/17	Q	SW1311
Total Metals Digest	Completed				01/26/17	N/AG	SW3050B
Extraction of TPH SM	Completed				01/26/17	JC/CKV	SW3545A

NJ EPH Category 1 (Fuel #2/Diesel)

>C28-C40	490	280	mg/kg	5	01/31/17	AW	NJEPH 10-08 R3	1
C9-C28	2000	280	mg/kg	5	01/31/17	AW	NJEPH 10-08 R3	1
Total EPH	2490	280	mg/kg	5	01/31/17	AW	NJEPH 10-08 R3	1

QA/QC Surrogates

% COD (surr)	116		%	5	01/31/17	AW	40 - 140 %
% Terphenyl (surr)	65		%	5	01/31/17	AW	40 - 140 %

Chlorinated Herbicides

2,4,5-T	ND	95	ug/Kg	10	01/28/17	CE	SW8151A
2,4,5-TP (Silvex)	ND	95	ug/Kg	10	01/28/17	CE	SW8151A
2,4-D	ND	190	ug/Kg	10	01/28/17	CE	SW8151A
2,4-DB	ND	1900	ug/Kg	10	01/28/17	CE	SW8151A
Dalapon	ND	95	ug/Kg	10	01/28/17	CE	SW8151A
Dicamba	ND	95	ug/Kg	10	01/28/17	CE	SW8151A
Dichloroprop	ND	190	ug/Kg	10	01/28/17	CE	SW8151A
Dinoseb	ND	190	ug/Kg	10	01/28/17	CE	SW8151A

QA/QC Surrogates

% DCAA	63		%	10	01/28/17	CE	30 - 150 %
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Polychlorinated Biphenyls

PCB-1016	ND	380	ug/Kg	10	01/27/17	AW	SW8082A
PCB-1221	ND	380	ug/Kg	10	01/27/17	AW	SW8082A
PCB-1232	ND	380	ug/Kg	10	01/27/17	AW	SW8082A
PCB-1242	ND	380	ug/Kg	10	01/27/17	AW	SW8082A
PCB-1248	ND	380	ug/Kg	10	01/27/17	AW	SW8082A
PCB-1254	1600	380	ug/Kg	10	01/27/17	AW	SW8082A
PCB-1260	ND	380	ug/Kg	10	01/27/17	AW	SW8082A
PCB-1262	ND	380	ug/Kg	10	01/27/17	AW	SW8082A
PCB-1268	ND	380	ug/Kg	10	01/27/17	AW	SW8082A

QA/QC Surrogates

% DCBP	98		%	10	01/27/17	AW	30 - 150 %
% TCMX	82		%	10	01/27/17	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>Pesticides - Soil</u>							
4,4' -DDD	ND	2.3	ug/Kg	2	01/28/17	CE	SW8081B
4,4' -DDE	ND	30	ug/Kg	2	01/28/17	CE	SW8081B
4,4' -DDT	ND	10	ug/Kg	2	01/28/17	CE	SW8081B
a-BHC	ND	7.5	ug/Kg	2	01/28/17	CE	SW8081B
a-Chlordane	ND	3.8	ug/Kg	2	01/28/17	CE	SW8081B
Aldrin	ND	3.8	ug/Kg	2	01/28/17	CE	SW8081B
b-BHC	ND	7.5	ug/Kg	2	01/28/17	CE	SW8081B
Chlordane	ND	38	ug/Kg	2	01/28/17	CE	SW8081B
d-BHC	ND	7.5	ug/Kg	2	01/28/17	CE	SW8081B
Dieldrin	ND	3.8	ug/Kg	2	01/28/17	CE	SW8081B
Endosulfan I	ND	7.5	ug/Kg	2	01/28/17	CE	SW8081B
Endosulfan II	ND	7.5	ug/Kg	2	01/28/17	CE	SW8081B
Endosulfan sulfate	ND	7.5	ug/Kg	2	01/28/17	CE	SW8081B
Endrin	ND	7.5	ug/Kg	2	01/28/17	CE	SW8081B
Endrin aldehyde	ND	7.5	ug/Kg	2	01/28/17	CE	SW8081B
Endrin ketone	ND	7.5	ug/Kg	2	01/28/17	CE	SW8081B
g-BHC	ND	1.5	ug/Kg	2	01/28/17	CE	SW8081B
g-Chlordane	ND	3.8	ug/Kg	2	01/28/17	CE	SW8081B
Heptachlor	ND	7.5	ug/Kg	2	01/28/17	CE	SW8081B
Heptachlor epoxide	ND	7.5	ug/Kg	2	01/28/17	CE	SW8081B
Methoxychlor	ND	38	ug/Kg	2	01/28/17	CE	SW8081B
Toxaphene	ND	150	ug/Kg	2	01/28/17	CE	SW8081B
<u>QA/QC Surrogates</u>							
% DCBP	67		%	2	01/28/17	CE	30 - 150 %
% TCMX	65		%	2	01/28/17	CE	30 - 150 %
<u>TPH DRO (C10-C28)</u>							
Diesel Range Organics (C10-C28)	2400	560	mg/Kg	10	01/31/17	JRB	SW8015D DRO
<u>QA/QC Surrogates</u>							
% n-Pentacosane	Diluted Out		%	10	01/31/17	JRB	50 - 150 %
<u>Volatiles (TCL)</u>							
1,1,1-Trichloroethane	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
1,1-Dichloroethane	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
1,1-Dichloroethene	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
1,2-Dibromoethane	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
1,2-Dichloroethane	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
1,2-Dichloropropane	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
2-Hexanone	ND	25	ug/kg	1	01/28/17	JLI	SW8260C
4-Methyl-2-pentanone	ND	25	ug/kg	1	01/28/17	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	51	ug/kg	1	01/28/17	JLI	SW8260C
Benzene	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Bromochloromethane	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Bromodichloromethane	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Bromoform	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Bromomethane	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Carbon Disulfide	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Carbon tetrachloride	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Chlorobenzene	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Chloroethane	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Chloroform	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Chloromethane	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Cyclohexane	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Dibromochloromethane	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Dichlorodifluoromethane	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Ethylbenzene	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Isopropylbenzene	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
m&p-Xylene	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Methyl ethyl ketone	ND	30	ug/kg	1	01/28/17	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	ug/kg	1	01/28/17	JLI	SW8260C
Methylacetate	ND	4.0	ug/kg	1	01/28/17	JLI	SW8260C
Methylcyclohexane	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Methylene chloride	ND	25	ug/kg	1	01/28/17	JLI	SW8260C
o-Xylene	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Styrene	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Tetrachloroethene	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Toluene	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Total Xylenes	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Trichloroethene	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Trichlorofluoromethane	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C
Vinyl chloride	ND	5.1	ug/kg	1	01/28/17	JLI	SW8260C

QA/QC Surrogates

% 1,2-dichlorobenzene-d4	101		%	1	01/28/17	JLI	70 - 130 %
% Bromofluorobenzene	89		%	1	01/28/17	JLI	70 - 130 %
% Dibromofluoromethane	106		%	1	01/28/17	JLI	70 - 130 %
% Toluene-d8	94		%	1	01/28/17	JLI	70 - 130 %

1,4-dioxane

1,4-dioxane	ND	76	ug/kg	1	01/28/17	JLI	SW8260C
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Volatile Library Search Top 15

Completed

01/30/17

JLI

1

Semivolatiles

1,1-Biphenyl	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2,3,4,6-tetrachlorophenol	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
2,4,5-Trichlorophenol	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
2,4,6-Trichlorophenol	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
2,4-Dichlorophenol	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
2,4-Dimethylphenol	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
2,4-Dinitrophenol	ND	600	ug/Kg	1	01/27/17	DD	SW8270D
2,4-Dinitrotoluene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
2,6-Dinitrotoluene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
2-Chloronaphthalene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
2-Chlorophenol	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
2-Methylnaphthalene	550	260	ug/Kg	1	01/27/17	DD	SW8270D
2-Methylphenol (o-cresol)	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
2-Nitroaniline	ND	600	ug/Kg	1	01/27/17	DD	SW8270D
2-Nitrophenol	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	380	ug/Kg	1	01/27/17	DD	SW8270D
3,3'-Dichlorobenzidine	ND	450	ug/Kg	1	01/27/17	DD	SW8270D
3-Nitroaniline	ND	600	ug/Kg	1	01/27/17	DD	SW8270D
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	1	01/27/17	DD	SW8270D
4-Bromophenyl phenyl ether	ND	380	ug/Kg	1	01/27/17	DD	SW8270D
4-Chloro-3-methylphenol	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
4-Chloroaniline	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
4-Nitroaniline	ND	600	ug/Kg	1	01/27/17	DD	SW8270D
4-Nitrophenol	ND	1100	ug/Kg	1	01/27/17	DD	SW8270D
Acenaphthene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Acenaphthylene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Acetophenone	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Anthracene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Atrazine	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Benz(a)anthracene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Benzaldehyde	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Benzo(a)pyrene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Benzo(b)fluoranthene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Benzo(ghi)perylene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Benzo(k)fluoranthene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Benzyl butyl phthalate	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Bis(2-chloroethyl)ether	ND	380	ug/Kg	1	01/27/17	DD	SW8270D
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Caprolactam	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Carbazole	ND	380	ug/Kg	1	01/27/17	DD	SW8270D
Chrysene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Dibenz(a,h)anthracene	ND	190	ug/Kg	1	01/27/17	DD	SW8270D
Dibenzofuran	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Diethyl phthalate	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Dimethylphthalate	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Di-n-butylphthalate	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Di-n-octylphthalate	ND	260	ug/Kg	1	01/27/17	DD	SW8270D

1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluoranthene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Fluorene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Hexachlorobenzene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Hexachlorobutadiene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Hexachlorocyclopentadiene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Hexachloroethane	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Isophorone	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Naphthalene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Nitrobenzene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
N-Nitrosodimethylamine	ND	380	ug/Kg	1	01/27/17	DD	SW8270D
N-Nitrosodi-n-propylamine	ND	190	ug/Kg	1	01/27/17	DD	SW8270D
N-Nitrosodiphenylamine	ND	380	ug/Kg	1	01/27/17	DD	SW8270D
Pentachlorophenol	ND	380	ug/Kg	1	01/27/17	DD	SW8270D
Phenanthrene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Phenol	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
Pyrene	ND	260	ug/Kg	1	01/27/17	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	47		%	1	01/27/17	DD	30 - 130 %
% 2-Fluorobiphenyl	53		%	1	01/27/17	DD	30 - 130 %
% 2-Fluorophenol	51		%	1	01/27/17	DD	30 - 130 %
% Nitrobenzene-d5	48		%	1	01/27/17	DD	30 - 130 %
% Phenol-d5	46		%	1	01/27/17	DD	30 - 130 %
% Terphenyl-d14	64		%	1	01/27/17	DD	30 - 130 %
SVOA Library Search Top 15	Completed				01/27/17	DD	

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Pesticide Comment:

Due to matrix interference caused by the presence of PCBs in the sample, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

February 06, 2017

Reviewed and Released by: Ethan Lee, Project Manager

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT ID

STOCKPILE SB-22

Lab Name: Phoenix Environmental Labs

Client: H2M

Lab Code: Phoenix Case No.: _____

SAS No.: _____

SDG No.: GBX39282

Matrix:(soil/water) SOIL

Lab Sample ID: BX39285

Sample wt/vol: 3.81 (g/mL) g

Lab File ID: 0129M22.D

Level: (low/med) Meth

Date Received: 01/26/17

% Moisture: not dec. 5

Date Analyzed: 01/29/17

GC Column: rtx-vms ID: 0.18 (mm)

Dilution Factor: 50

Soil Extract Volume: 10000 (uL)

Soil Aliquot Vol (uL): 100

Number TICs found: 24 CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
	unknown	6.654	9300	J
103-65-1	n-Propylbenzene	7.088	8400	Q
000620-14-4	Benzene, 1-ethyl-3-methyl-	7.177	48000	JN
108-67-8	1,3,5-Trimethylbenzene	7.271	26000	Q
007154-80-5	Heptane, 3,3,5-trimethyl-	7.381	19000	JN
000611-14-3	Benzene, 1-ethyl-2-methyl-	7.465	24000	JN
98-06-6	tert-Butylbenzene	7.559	1700	Q
95-63-6	1,2,4-Trimethylbenzene	7.632	55000	Q
135-98-8	sec-Butylbenzene	7.726	5700	Q
99-87-6	p-Isopropyltoluene	7.867	6700	Q
527-84-4	2-Isopropyltoluene	8.102	2500	Q
001074-43-7	Benzene, 1-methyl-3-propyl-	8.187	31000	JN
104-51-8	n-Butylbenzene	8.27	7700	Q
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	8.516	14000	JN
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	8.537	19000	JN
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	8.605	21000	JN
	unknown	8.683	13000	J
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	9.002	9300	JN
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	9.055	21000	JN
	unknown	9.379	9100	J
	unknown	9.431	13000	J
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	9.458	11000	JN
017059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethyl-	9.693	23000	JN
000091-57-6	Naphthalene, 2-methyl-	10.948	13000	JN

FORM I VOA-TIC

CLIENT ID

Lab Name: Phoenix Environmental Labs

Client: H2M

Lab Code: Phoenix Case No.:

SAS No.:

SDG No.: GBX39282

Matrix:(soil/water) SOIL

Lab Sample ID: BX39289

Sample wt/vol: 5.71 (g/mL) g

Lab File ID: 0127_56.D

Level: (low/med) Low

Date Received: 01/26/17

% Moisture: not dec.	13
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Date Analyzed: 01/28/17

GC Column: rtx-vms ID: 0.18 (mm)

Dilution Factor: 1

Soil Extract Volume: 5000 (uL)

Soil Aliquot Vol (uL): 5000

Number TICs found: 14

CONCENTRATION UNITS:

(ug/L or ug/KG) ug/Kg

[illegible]

CLIENT ID

STOCKPILE SB-22

Client: H2M

SAS No.:

SDG No.: GBX39282

Lab Sample ID: BX39285

Lab File ID: 0127_26.D

Date Received: 01/26/17

Date Extracted: 01/27/17

Date Analyzed: 1/27/2017

Dilution Factor 20

CONCENTRATION UNITS:

(ug/L or ug/KG) ug/Kg

[illegible]

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

STOCKPILE SB-18

Client: H2M

SAS No.:

SDG No.: GBX39282

Lab Sample ID: BX39287

Lab File ID: 0126_39.D

Date Received: 01/26/17

Date Extracted: 01/27/17

Date Analyzed: 1/27/2017

Dilution Factor 1

CONCENTRATION UNITS:

(ug/L or ug/KG) ug/Kg

[illegible]

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.

CLIENT ID

STOCKPILE SB-18/19

Client: H2M

SAS No.:

SDG No.: GBX39282

Lab Sample ID: BX39289

Lab File ID: 0126_41.D

Date Received: 01/26/17

Date Extracted: 01/27/17

Date Analyzed: 1/27/2017

Dilution Factor 1

CONCENTRATION UNITS:

(ug/L or ug/KG) ug/Kg

[illegible]

FORM I SEMIVOA-TIC

A - Indicates that the tentatively identified compound is a suspected aldol condensation product. Aldol condensation products are produced during the extraction process.



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QA/QC Report

February 06, 2017

QA/QC Data

SDG I.D.: GBX39282

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 374513 (mg/kg), QC Sample No: BX23272 (BX39282, BX39283, BX39284, BX39285, BX39286)													
<u>ICP Metals - Soil</u>													
Aluminum	BRL	5.0	7380	6850	7.40	103			NC			75 - 125	30
Antimony	BRL	3.3	<3.6	<3.7	NC	87.7			95.0			75 - 125	30
Arsenic	BRL	0.67	1.22	0.96	NC	92.5			92.4			75 - 125	30
Barium	BRL	0.33	32.6	31.6	3.10	94.8			100			75 - 125	30
Beryllium	BRL	0.27	<0.28	<0.30	NC	97.0			100			75 - 125	30
Cadmium	BRL	0.33	<0.36	<0.37	NC	91.2			97.1			75 - 125	30
Calcium	BRL	5.0	903	999	10.1	92.5			NC			75 - 125	30
Chromium	BRL	0.33	5.82	7.68	27.6	98.1			101			75 - 125	30
Cobalt	BRL	0.33	2.57	3.03	16.4	96.2			99.7			75 - 125	30
Copper	BRL	0.33	6.00	7.16	17.6	99.8			107			75 - 125	30
Iron	BRL	5.0	7150	7450	4.10	94.7			NC			75 - 125	30
Lead	BRL	0.33	27.5	26.4	4.10	93.6			98.4			75 - 125	30
Magnesium	BRL	5.0	1150	1260	9.10	98.8			NC			75 - 125	30
Manganese	BRL	0.33	104	126	19.1	98.5			118			75 - 125	30
Nickel	BRL	0.33	3.92	7.59	63.8	96.9			99.5			75 - 125	30
Potassium	BRL	5.0	468	514	9.40	84.9			>130			75 - 125	30
Selenium	BRL	1.3	<1.4	<1.5	NC	77.0			79.4			75 - 125	30
Silver	BRL	0.33	<0.36	<0.37	NC	95.8			100			75 - 125	30
Sodium	BRL	5.0	57.1	44.1	25.7	101			124			75 - 125	30
Thallium	BRL	3.0	<3.2	<3.4	NC	97.1			99.8			75 - 125	30
Vanadium	BRL	0.33	14.9	27.3	58.8	103			102			75 - 125	30
Zinc	BRL	0.33	34.1	41.4	19.3	94.4			98.2			75 - 125	30

QA/QC Batch 374582 (mg/L), QC Sample No: BX39225 (BX39282, BX39283, BX39284, BX39285, BX39286, BX39287, BX39288, BX39289)

ICP Metals - TCLP Extraction

Arsenic	BRL	0.10	0.05 J	<0.10	NC	108			101			75 - 125	20
Barium	BRL	0.10	0.34	0.32	NC	96.8			98.9			75 - 125	20
Cadmium	BRL	0.050	<0.050	<0.050	NC	97.9			96.6			75 - 125	20
Chromium	BRL	0.10	<0.10	<0.10	NC	101			98.4			75 - 125	20
Lead	BRL	0.10	0.05 J	0.04	NC	103			99.2			75 - 125	20
Selenium	BRL	0.10	<0.10	<0.10	NC	112			104			75 - 125	20
Silver	BRL	0.10	<0.10	<0.10	NC	114			103			75 - 125	20

QA/QC Batch 374530 (mg/kg), QC Sample No: BX39281 (BX39287, BX39288, BX39289)

ICP Metals - Soil

Aluminum	BRL	4.9	7010	6810	2.90	112			NC			75 - 125	30
Antimony	BRL	3.3	<3.8	<4.0	NC	91.1			94.7			75 - 125	30
Arsenic	BRL	0.66	1.87	2.14	NC	95.1			93.6			75 - 125	30
Barium	BRL	0.33	23.7	21.9	7.90	105			104			75 - 125	30
Beryllium	BRL	0.26	0.22	0.21	NC	102			103			75 - 125	30
Cadmium	BRL	0.33	<0.38	<0.40	NC	98.4			98.5			75 - 125	30

QA/QC Data

SDG I.D.: GBX39282

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Calcium	BRL	4.9	79.7	81.5	2.20	96.6			>130			75 - 125	30	m
Chromium	BRL	0.33	7.83	8.54	8.70	103			103			75 - 125	30	
Cobalt	BRL	0.33	4.47	4.20	6.20	101			100			75 - 125	30	
Copper	BRL	0.33	3.62	3.72	2.70	106			108			75 - 125	30	
Iron	8.8	4.9	7800	8230	5.40	97.8			NC			75 - 125	30	
Lead	BRL	0.33	2.1	1.78	NC	98.4			99.8			75 - 125	30	
Magnesium	BRL	4.9	916	869	5.30	102			NC			75 - 125	30	
Manganese	BRL	0.33	97.4	87.9	10.3	107			101			75 - 125	30	
Nickel	BRL	0.33	4.57	4.53	0.90	103			101			75 - 125	30	
Potassium	BRL	4.9	283	288	1.80	94.9			>130			75 - 125	30	m
Selenium	BRL	1.3	<1.5	<1.6	NC	82.4			80.8			75 - 125	30	
Silver	BRL	0.33	<0.38	<0.40	NC	101			102			75 - 125	30	
Sodium	BRL	4.9	30.2	31.9	5.50	111			111			75 - 125	30	
Thallium	BRL	3.0	<3.4	<3.6	NC	106			103			75 - 125	30	
Vanadium	BRL	0.33	12.8	13.3	3.80	108			104			75 - 125	30	
Zinc	0.40	0.33	10.1	10.3	2.00	98.0			96.2			75 - 125	30	

QA/QC Batch 374590 (mg/kg), QC Sample No: BX39551 (BX39282, BX39283, BX39284, BX39285, BX39286, BX39287, BX39288, BX39289)

Mercury - Soil BRL 0.02 0.09 0.10 NC 87.0 87.4 0.5 103 70 - 130 30
Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.

QA/QC Batch 374585 (mg/L), QC Sample No: BX39570 (BX39282)

Mercury - Water BRL 0.0002 <0.0002 <0.0002 NC 107 92.8 70 - 130 20
Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.

QA/QC Batch 374593 (mg/L), QC Sample No: BX40034 (BX39283, BX39284, BX39285, BX39286, BX39287, BX39288, BX39289)

Mercury - Water BRL 0.0002 <0.0002 <0.0002 NC 84.3 79.8 70 - 130 20
Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.



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QA/QC Report

February 06, 2017

QA/QC Data

SDG I.D.: GBX39282

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 374388 (mg/kg), QC Sample No: BX38011 (BX39282, BX39283, BX39284, BX39285, BX39286, BX39287, BX39288, BX39289)

Extractable Petroleum Hydrocarbons - Soil

C9-C28	ND	50	73	66	10.1	70	72	2.8	40 - 140	30
>C28-C40	ND	50							40 - 140	30
% Terphenyl (surr)	84	%	111	92	18.7	106	106	0.0	40 - 140	30
% COD (surr)	81	%	81	64	23.4	82	75	8.9	40 - 140	30

Comment:

Additional EPH fractionation criteria: Breakthrough criteria (BT) is 0 to 5%

QA/QC Batch 374383 (ug/Kg), QC Sample No: BX38011 2X (BX39282, BX39283, BX39284, BX39285, BX39286, BX39287, BX39288)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33	66	73	10.1	70	66	5.9	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	74	76	2.7	76	71	6.8	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	86	%	91	95	4.3	93	91	2.2	30 - 150	30
% TCMX (Surrogate Rec)	80	%	78	87	10.9	84	79	6.1	30 - 150	30

QA/QC Batch 374380 (ug/kg), QC Sample No: BX38011 (BX39282, BX39283, BX39284, BX39285, BX39286, BX39287, BX39288)

Semivolatiles - Soil

1,1-Biphenyl	ND	230	47	48	2.1	42	43	2.4	30 - 130	30
1,2,4,5-Tetrachlorobenzene	ND	230	49	50	2.0	45	48	6.5	30 - 130	30
2,3,4,6-tetrachlorophenol	ND	230	54	53	1.9	45	48	6.5	30 - 130	30
2,4,5-Trichlorophenol	ND	230	55	51	7.5	48	51	6.1	30 - 130	30
2,4,6-Trichlorophenol	ND	130	50	48	4.1	41	48	15.7	30 - 130	30
2,4-Dichlorophenol	ND	130	55	54	1.8	44	50	12.8	30 - 130	30
2,4-Dimethylphenol	ND	230	45	45	0.0	41	41	0.0	30 - 130	30
2,4-Dinitrophenol	ND	230	<10	<10	NC	30	36	18.2	30 - 130	30
2,4-Dinitrotoluene	ND	130	52	52	0.0	46	51	10.3	30 - 130	30
2,6-Dinitrotoluene	ND	130	60	59	1.7	54	51	5.7	30 - 130	30
2-Chloronaphthalene	ND	230	49	50	2.0	45	48	6.5	30 - 130	30
2-Chlorophenol	ND	230	54	46	16.0	46	44	4.4	30 - 130	30
2-Methylnaphthalene	ND	230	48	47	2.1	43	45	4.5	30 - 130	30
2-Methylphenol (o-cresol)	ND	230	48	46	4.3	37	41	10.3	30 - 130	30
2-Nitroaniline	ND	330	47	50	6.2	45	47	4.3	30 - 130	30
2-Nitrophenol	ND	230	55	54	1.8	53	55	3.7	30 - 130	30
3&4-Methylphenol (m&p-cresol)	ND	230	53	49	7.8	45	48	6.5	30 - 130	30

QA/QC Data

SDG I.D.: GBX39282

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
3,3'-Dichlorobenzidine	ND	130	51	50	2.0	41	46	11.5	30 - 130	30
3-Nitroaniline	ND	330	46	50	8.3	44	44	0.0	30 - 130	30
4,6-Dinitro-2-methylphenol	ND	230	29	21	32.0	43	49	13.0	30 - 130	30
4-Bromophenyl phenyl ether	ND	230	58	56	3.5	50	59	16.5	30 - 130	30
4-Chloro-3-methylphenol	ND	230	48	49	2.1	43	50	15.1	30 - 130	30
4-Chloroaniline	ND	230	50	54	7.7	47	50	6.2	30 - 130	30
4-Chlorophenyl phenyl ether	ND	230	57	56	1.8	50	54	7.7	30 - 130	30
4-Nitroaniline	ND	230	57	57	0.0	51	53	3.8	30 - 130	30
4-Nitrophenol	ND	230	54	56	3.6	48	51	6.1	30 - 130	30
Acenaphthene	ND	230	55	51	7.5	47	49	4.2	30 - 130	30
Acenaphthylene	ND	130	55	53	3.7	48	50	4.1	30 - 130	30
Acetophenone	ND	230	51	44	14.7	42	44	4.7	30 - 130	30
Anthracene	ND	230	54	54	0.0	46	53	14.1	30 - 130	30
Atrazine	ND	130	54	54	0.0	45	54	18.2	30 - 130	30
Benz(a)anthracene	ND	230	55	53	3.7	47	52	10.1	30 - 130	30
Benzaldehyde	ND	230	22	17	25.6	39	51	26.7	30 - 130	30
Benzo(a)pyrene	ND	130	53	51	3.8	44	51	14.7	30 - 130	30
Benzo(b)fluoranthene	ND	160	54	53	1.9	47	50	6.2	30 - 130	30
Benzo(ghi)perylene	ND	230	58	56	3.5	50	55	9.5	30 - 130	30
Benzo(k)fluoranthene	ND	230	56	53	5.5	46	51	10.3	30 - 130	30
Benzyl butyl phthalate	ND	230	55	53	3.7	48	50	4.1	30 - 130	30
Bis(2-chloroethoxy)methane	ND	230	50	50	0.0	44	46	4.4	30 - 130	30
Bis(2-chloroethyl)ether	ND	130	44	40	9.5	41	39	5.0	30 - 130	30
Bis(2-chloroisopropyl)ether	ND	230	40	44	9.5	40	44	9.5	30 - 130	30
Bis(2-ethylhexyl)phthalate	ND	230	62	56	10.2	51	55	7.5	30 - 130	30
Caprolactam	ND	230	44	53	18.6	41	52	23.7	30 - 130	30
Carbazole	ND	230	53	52	1.9	43	50	15.1	30 - 130	30
Chrysene	ND	230	58	55	5.3	52	54	3.8	30 - 130	30
Dibenz(a,h)anthracene	ND	130	55	54	1.8	44	52	16.7	30 - 130	30
Dibenzofuran	ND	230	51	50	2.0	44	46	4.4	30 - 130	30
Diethyl phthalate	ND	230	56	55	1.8	49	52	5.9	30 - 130	30
Dimethylphthalate	ND	230	55	55	0.0	49	52	5.9	30 - 130	30
Di-n-butylphthalate	ND	230	61	58	5.0	50	55	9.5	30 - 130	30
Di-n-octylphthalate	ND	230	61	57	6.8	53	58	9.0	30 - 130	30
Fluoranthene	ND	230	55	57	3.6	46	56	19.6	30 - 130	30
Fluorene	ND	230	55	51	7.5	49	52	5.9	30 - 130	30
Hexachlorobenzene	ND	130	56	52	7.4	50	57	13.1	30 - 130	30
Hexachlorobutadiene	ND	230	51	45	12.5	44	46	4.4	30 - 130	30
Hexachlorocyclopentadiene	ND	230	50	47	6.2	45	51	12.5	30 - 130	30
Hexachloroethane	ND	130	44	41	7.1	42	42	0.0	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	57	54	5.4	47	53	12.0	30 - 130	30
Isophorone	ND	130	46	44	4.4	42	46	9.1	30 - 130	30
Naphthalene	ND	230	48	47	2.1	44	48	8.7	30 - 130	30
Nitrobenzene	ND	130	54	51	5.7	48	52	8.0	30 - 130	30
N-Nitrosodimethylamine	ND	230	43	34	23.4	38	40	5.1	30 - 130	30
N-Nitrosodi-n-propylamine	ND	130	58	52	10.9	48	50	4.1	30 - 130	30
N-Nitrosodiphenylamine	ND	130	62	61	1.6	53	55	3.7	30 - 130	30
Pentachlorophenol	ND	230	46	47	2.2	42	45	6.9	30 - 130	30
Phenanthrene	ND	130	54	54	0.0	46	50	8.3	30 - 130	30
Phenol	ND	230	50	48	4.1	44	44	0.0	30 - 130	30
Pyrene	ND	230	54	56	3.6	47	56	17.5	30 - 130	30
% 2,4,6-Tribromophenol	51	%	62	60	3.3	49	54	9.7	30 - 130	30
% 2-Fluorobiphenyl	47	%	50	49	2.0	43	46	6.7	30 - 130	30

QA/QC Data

SDG I.D.: GBX39282

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% 2-Fluorophenol	46	%	48	45	6.5	41	40	2.5	30 - 130	30
% Nitrobenzene-d5	46	%	51	47	8.2	47	50	6.2	30 - 130	30
% Phenol-d5	48	%	53	44	18.6	43	45	4.5	30 - 130	30
% Terphenyl-d14	55	%	55	57	3.6	48	54	11.8	30 - 130	30

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 374522 (ug/Kg), QC Sample No: BX39227 (BX39289)

Semivolatiles - Soil

1,1-Biphenyl	ND	230	44	46	4.4	48			30 - 130	30
1,2,4,5-Tetrachlorobenzene	ND	230	44	45	2.2	48			30 - 130	30
2,3,4,6-tetrachlorophenol	ND	230	48	50	4.1	51			30 - 130	30
2,4,5-Trichlorophenol	ND	230	49	50	2.0	53			30 - 130	30
2,4,6-Trichlorophenol	ND	130	48	50	4.1	49			30 - 130	30
2,4-Dichlorophenol	ND	130	46	47	2.2	51			30 - 130	30
2,4-Dimethylphenol	ND	230	45	45	0.0	48			30 - 130	30
2,4-Dinitrophenol	ND	230	<10	<10	NC	30			30 - 130	30
2,4-Dinitrotoluene	ND	130	53	53	0.0	53			30 - 130	30
2,6-Dinitrotoluene	ND	130	52	53	1.9	53			30 - 130	30
2-Chloronaphthalene	ND	230	47	50	6.2	51			30 - 130	30
2-Chlorophenol	ND	230	38	41	7.6	43			30 - 130	30
2-Methylnaphthalene	ND	230	43	44	2.3	48			30 - 130	30
2-Methylphenol (o-cresol)	ND	230	41	45	9.3	46			30 - 130	30
2-Nitroaniline	ND	330	49	49	0.0	53			30 - 130	30
2-Nitrophenol	ND	230	43	46	6.7	47			30 - 130	30
3&4-Methylphenol (m&p-cresol)	ND	230	42	44	4.7	40			30 - 130	30
3,3'-Dichlorobenzidine	ND	130	48	45	6.5	49			30 - 130	30
3-Nitroaniline	ND	330	44	44	0.0	46			30 - 130	30
4,6-Dinitro-2-methylphenol	ND	230	21	21	0.0	45			30 - 130	30
4-Bromophenyl phenyl ether	ND	230	53	53	0.0	56			30 - 130	30
4-Chloro-3-methylphenol	ND	230	50	48	4.1	50			30 - 130	30
4-Chloroaniline	ND	230	41	43	4.8	<10			30 - 130	30
4-Chlorophenyl phenyl ether	ND	230	51	49	4.0	53			30 - 130	30
4-Nitroaniline	ND	230	51	53	3.8	52			30 - 130	30
4-Nitrophenol	ND	230	50	53	5.8	51			30 - 130	30
Acenaphthene	ND	230	49	50	2.0	51			30 - 130	30
Acenaphthylene	ND	130	51	52	1.9	53			30 - 130	30
Acetophenone	ND	230	38	43	12.3	43			30 - 130	30
Anthracene	ND	230	53	54	1.9	56			30 - 130	30
Atrazine	ND	130	51	54	5.7	54			30 - 130	30
Benz(a)anthracene	ND	230	55	56	1.8	57			30 - 130	30
Benzaldehyde	ND	230	22	22	0.0	75			30 - 130	30
Benzo(a)pyrene	ND	130	52	51	1.9	53			30 - 130	30
Benzo(b)fluoranthene	ND	160	54	56	3.6	56			30 - 130	30
Benzo(ghi)perylene	ND	230	52	53	1.9	55			30 - 130	30
Benzo(k)fluoranthene	ND	230	54	52	3.8	57			30 - 130	30
Benzyl butyl phthalate	ND	230	55	55	0.0	56			30 - 130	30
Bis(2-chloroethoxy)methane	ND	230	47	49	4.2	51			30 - 130	30
Bis(2-chloroethyl)ether	ND	130	39	40	2.5	39			30 - 130	30
Bis(2-chloroisopropyl)ether	ND	230	33	36	8.7	38			30 - 130	30
Bis(2-ethylhexyl)phthalate	ND	230	57	54	5.4	59			30 - 130	30
Caprolactam	ND	230	50	46	8.3	48			30 - 130	30

QA/QC Data

SDG I.D.: GBX39282

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Carbazole	ND	230	51	53	3.8	53			30 - 130	30
Chrysene	ND	230	56	55	1.8	58			30 - 130	30
Dibenz(a,h)anthracene	ND	130	50	50	0.0	53			30 - 130	30
Dibenzofuran	ND	230	48	49	2.1	49			30 - 130	30
Diethyl phthalate	ND	230	53	52	1.9	54			30 - 130	30
Dimethylphthalate	ND	230	52	52	0.0	54			30 - 130	30
Di-n-butylphthalate	ND	230	58	57	1.7	57			30 - 130	30
Di-n-octylphthalate	ND	230	54	52	3.8	55			30 - 130	30
Fluoranthene	ND	230	55	57	3.6	57			30 - 130	30
Fluorene	ND	230	52	53	1.9	54			30 - 130	30
Hexachlorobenzene	ND	130	53	57	7.3	57			30 - 130	30
Hexachlorobutadiene	ND	230	42	48	13.3	54			30 - 130	30
Hexachlorocyclopentadiene	ND	230	42	44	4.7	51			30 - 130	30
Hexachloroethane	ND	130	34	39	13.7	41			30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	230	52	54	3.8	57			30 - 130	30
Isophorone	ND	130	42	45	6.9	48			30 - 130	30
Naphthalene	ND	230	43	46	6.7	50			30 - 130	30
Nitrobenzene	ND	130	39	42	7.4	44			30 - 130	30
N-Nitrosodimethylamine	ND	230	34	44	25.6	45			30 - 130	30
N-Nitrosodi-n-propylamine	ND	130	42	44	4.7	45			30 - 130	30
N-Nitrosodiphenylamine	ND	130	57	58	1.7	59			30 - 130	30
Pentachlorophenol	ND	230	41	43	4.8	48			30 - 130	30
Phenanthrene	ND	130	52	53	1.9	55			30 - 130	30
Phenol	ND	230	41	45	9.3	40			30 - 130	30
Pyrene	ND	230	57	59	3.4	59			30 - 130	30
% 2,4,6-Tribromophenol	53	%	52	51	1.9	54			30 - 130	30
% 2-Fluorobiphenyl	52	%	46	48	4.3	47			30 - 130	30
% 2-Fluorophenol	35	%	33	39	16.7	39			30 - 130	30
% Nitrobenzene-d5	46	%	39	44	12.0	45			30 - 130	30
% Phenol-d5	43	%	40	45	11.8	42			30 - 130	30
% Terphenyl-d14	58	%	55	56	1.8	56			30 - 130	30

Comment:

MSD not reported for this batch.

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 374535 (ug/Kg), QC Sample No: BX39229 10X (BX39282, BX39283, BX39284, BX39285, BX39286, BX39287, BX39288, BX39289)

Chlorinated Herbicides - Soil

2,4,5-T	ND	83	85	88	3.5	88	85	3.5	40 - 140	30
2,4,5-TP (Silvex)	ND	83	89	92	3.3	94	90	4.3	40 - 140	30
2,4-D	ND	170	81	85	4.8	82	81	1.2	40 - 140	30
2,4-DB	ND	1700	83	87	4.7	81	77	5.1	40 - 140	30
Dalapon	ND	83	51	56	9.3	40	42	4.9	40 - 140	30
Dicamba	ND	83	82	86	4.8	87	81	7.1	40 - 140	30
Dichloroprop	ND	170	101	105	3.9	102	103	1.0	40 - 140	30
Dinoseb	ND	170	70	74	5.6	77	76	1.3	40 - 140	30
% DCAA (Surrogate Rec)	72	%	75	81	7.7	83	80	3.7	30 - 150	30

QA/QC Batch 374525 (ug/Kg), QC Sample No: BX39229 2X (BX39282, BX39283, BX39284, BX39285, BX39286, BX39287, BX39288, BX39289)

Pesticides - Soil

4,4' -DDD	ND	1.7	79	80	1.3	83	80	3.7	40 - 140	30
4,4' -DDE	ND	1.7	80	78	2.5	77	76	1.3	40 - 140	30

QA/QC Data

SDG I.D.: GBX39282

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
4,4' -DDT	ND	1.7	82	79	3.7	84	81	3.6	40 - 140	30
a-BHC	ND	1.0	81	80	1.2	76	75	1.3	40 - 140	30
a-Chlordane	ND	3.3	77	75	2.6	74	73	1.4	40 - 140	30
Aldrin	ND	1.0	80	78	2.5	73	73	0.0	40 - 140	30
b-BHC	ND	1.0	82	82	0.0	82	79	3.7	40 - 140	30
Chlordane	ND	33	82	77	6.3	73	75	2.7	40 - 140	30
d-BHC	ND	3.3	74	71	4.1	69	70	1.4	40 - 140	30
Dieldrin	ND	1.0	76	74	2.7	80	76	5.1	40 - 140	30
Endosulfan I	ND	3.3	81	80	1.2	76	76	0.0	40 - 140	30
Endosulfan II	ND	3.3	82	80	2.5	82	80	2.5	40 - 140	30
Endosulfan sulfate	ND	3.3	73	75	2.7	84	73	14.0	40 - 140	30
Endrin	ND	3.3	88	85	3.5	88	88	0.0	40 - 140	30
Endrin aldehyde	ND	3.3	59	58	1.7	38	43	12.3	40 - 140	30
Endrin ketone	ND	3.3	82	80	2.5	83	80	3.7	40 - 140	30
g-BHC	ND	1.0	82	81	1.2	78	77	1.3	40 - 140	30
g-Chlordane	ND	3.3	82	77	6.3	73	75	2.7	40 - 140	30
Heptachlor	ND	3.3	83	81	2.4	79	77	2.6	40 - 140	30
Heptachlor epoxide	ND	3.3	75	75	0.0	75	73	2.7	40 - 140	30
Methoxychlor	ND	3.3	87	83	4.7	90	88	2.2	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	98	%	93	85	9.0	90	88	2.2	30 - 150	30
% TCMX	94	%	83	85	2.4	77	76	1.3	30 - 150	30

Comment:

Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane. Gamma chlordane recovery is reported as chlordane in the LCS, LCSD, MS and MSD.

QA/QC Batch 374524 (ug/Kg), QC Sample No: BX39229 2X (BX39289)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33	67	67	0.0	66	71	7.3	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	72	72	0.0	74	81	9.0	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	84	%	89	88	1.1	92	98	6.3	30 - 150	30
% TCMX (Surrogate Rec)	80	%	81	79	2.5	78	85	8.6	30 - 150	30

QA/QC Batch 374515 (mg/Kg), QC Sample No: BX39367 (BX39282, BX39283, BX39284, BX39285, BX39286, BX39287, BX39288, BX39289)

TPH by GC (Extractable Products) - Soil

Ext. Petroleum HC	ND	50	67	66	1.5	59	66	11.2	30 - 130	30
% n-Pentacosane	65	%	86	81	6.0	70	74	5.6	50 - 150	30

QA/QC Batch 374805 (ug/kg), QC Sample No: BX39574 (BX39285 (50X, 200X))

Volatiles - Soil

1,1,1-Trichloroethane	ND	5.0	84	88	4.7	83			70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	92	97	5.3	89			70 - 130	30
1,1,2-Trichloroethane	ND	5.0	89	95	6.5	85			70 - 130	30
1,1-Dichloroethane	ND	5.0	88	92	4.4	87			70 - 130	30
1,1-Dichloroethene	ND	5.0	94	96	2.1	86			70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	96	102	6.1	89			70 - 130	30

QA/QC Data

SDG I.D.: GBX39282

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2,4-Trichlorobenzene	ND	5.0	93	96	3.2	89			70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	90	100	10.5	82			70 - 130	30
1,2-Dibromoethane	ND	5.0	87	92	5.6	86			70 - 130	30
1,2-Dichlorobenzene	ND	5.0	94	100	6.2	94			70 - 130	30
1,2-Dichloroethane	ND	5.0	87	94	7.7	86			70 - 130	30
1,2-Dichloropropane	ND	5.0	90	94	4.3	87			70 - 130	30
1,3-Dichlorobenzene	ND	5.0	91	94	3.2	91			70 - 130	30
1,4-Dichlorobenzene	ND	5.0	96	100	4.1	95			70 - 130	30
1,4-dioxane	ND	100	81	89	9.4	92			70 - 130	30
2-Hexanone	ND	25	79	83	4.9	73			70 - 130	30
4-Methyl-2-pentanone	ND	25	89	94	5.5	82			70 - 130	30
Acetone	ND	10	80	87	8.4	80			70 - 130	30
Benzene	ND	1.0	89	93	4.4	88			70 - 130	30
Bromochloromethane	ND	5.0	83	90	8.1	84			70 - 130	30
Bromodichloromethane	ND	5.0	88	91	3.4	80			70 - 130	30
Bromoform	ND	5.0	79	82	3.7	67			70 - 130	30 m
Bromomethane	ND	5.0	85	87	2.3	52			70 - 130	30 m
Carbon Disulfide	ND	5.0	98	102	4.0	91			70 - 130	30
Carbon tetrachloride	ND	5.0	84	87	3.5	77			70 - 130	30
Chlorobenzene	ND	5.0	91	95	4.3	91			70 - 130	30
Chloroethane	ND	5.0	94	98	4.2	23			70 - 130	30 m
Chloroform	ND	5.0	82	85	3.6	75			70 - 130	30
Chloromethane	ND	5.0	84	89	5.8	88			70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	89	92	3.3	92			70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	91	95	4.3	86			70 - 130	30
Cyclohexane	ND	5.0	86	90	4.5	87			70 - 130	30
Dibromochloromethane	ND	3.0	87	90	3.4	78			70 - 130	30
Dichlorodifluoromethane	ND	5.0	88	93	5.5	91			70 - 130	30
Ethylbenzene	ND	1.0	90	92	2.2	90			70 - 130	30
Isopropylbenzene	ND	1.0	93	96	3.2	93			70 - 130	30
m&p-Xylene	ND	2.0	86	89	3.4	87			70 - 130	30
Methyl ethyl ketone	ND	5.0	80	84	4.9	73			70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	94	100	6.2	92			70 - 130	30
Methylacetate	ND	5.0	94	100	6.2	95			70 - 130	30
Methylcyclohexane	ND	5.0	98	102	4.0	97			70 - 130	30
Methylene chloride	ND	5.0	86	85	1.2	77			70 - 130	30
o-Xylene	ND	2.0	89	91	2.2	89			70 - 130	30
Styrene	ND	5.0	83	85	2.4	83			70 - 130	30
Tetrachloroethene	ND	5.0	95	99	4.1	95			70 - 130	30
Toluene	ND	1.0	93	96	3.2	92			70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	91	95	4.3	90			70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	85	90	5.7	79			70 - 130	30
Trichloroethene	ND	5.0	93	95	2.1	91			70 - 130	30
Trichlorofluoromethane	ND	5.0	104	108	3.8	30			70 - 130	30 m
Trichlorotrifluoroethane	ND	5.0	97	98	1.0	92			70 - 130	30
Vinyl chloride	ND	5.0	97	102	5.0	101			70 - 130	30
% 1,2-dichlorobenzene-d4	94	%	102	103	1.0	100			70 - 130	30
% Bromofluorobenzene	96	%	96	96	0.0	94			70 - 130	30
% Dibromofluoromethane	102	%	98	98	0.0	95			70 - 130	30
% Toluene-d8	88	%	101	102	1.0	101			70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Data

SDG I.D.: GBX39282

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 374835 (ug/kg), QC Sample No: BX39577 (BX39282, BX39283, BX39284, BX39286, BX39287, BX39289)										
<u>Volatiles - Soil</u>										
1,1,1-Trichloroethane	ND	5.0	103	103	0.0	106	105	0.9	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	105	112	6.5	99	95	4.1	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	106	109	2.8	105	100	4.9	70 - 130	30
1,1-Dichloroethane	ND	5.0	102	102	0.0	104	102	1.9	70 - 130	30
1,1-Dichloroethene	ND	5.0	102	99	3.0	102	99	3.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	103	107	3.8	81	79	2.5	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	100	101	1.0	77	74	4.0	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	108	123	13.0	106	101	4.8	70 - 130	30
1,2-Dibromoethane	ND	5.0	108	113	4.5	106	101	4.8	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	99	99	0.0	89	86	3.4	70 - 130	30
1,2-Dichloroethane	ND	5.0	107	108	0.9	106	102	3.8	70 - 130	30
1,2-Dichloropropane	ND	5.0	107	107	0.0	105	101	3.9	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	98	99	1.0	89	86	3.4	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	96	96	0.0	86	82	4.8	70 - 130	30
1,4-dioxane	ND	100	114	106	7.3	163	111	38.0	70 - 130	30
2-Hexanone	ND	25	100	112	11.3	99	94	5.2	70 - 130	30
4-Methyl-2-pentanone	ND	25	103	115	11.0	104	99	4.9	70 - 130	30
Acetone	ND	10	85	95	11.1	93	83	11.4	70 - 130	30
Benzene	ND	1.0	104	103	1.0	103	100	3.0	70 - 130	30
Bromochloromethane	ND	5.0	102	104	1.9	106	102	3.8	70 - 130	30
Bromodichloromethane	ND	5.0	113	112	0.9	110	108	1.8	70 - 130	30
Bromoform	ND	5.0	117	125	6.6	114	111	2.7	70 - 130	30
Bromomethane	ND	5.0	87	85	2.3	90	87	3.4	70 - 130	30
Carbon Disulfide	ND	5.0	115	112	2.6	113	112	0.9	70 - 130	30
Carbon tetrachloride	ND	5.0	111	109	1.8	112	111	0.9	70 - 130	30
Chlorobenzene	ND	5.0	101	102	1.0	98	94	4.2	70 - 130	30
Chloroethane	ND	5.0	109	106	2.8	114	110	3.6	70 - 130	30
Chloroform	ND	5.0	102	102	0.0	103	101	2.0	70 - 130	30
Chloromethane	ND	5.0	92	89	3.3	92	89	3.3	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	101	100	1.0	101	99	2.0	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	110	111	0.9	103	101	2.0	70 - 130	30
Cyclohexane	ND	5.0	90	89	1.1	91	89	2.2	70 - 130	30
Dibromochloromethane	ND	3.0	116	121	4.2	115	113	1.8	70 - 130	30
Dichlorodifluoromethane	ND	5.0	87	88	1.1	90	84	6.9	70 - 130	30
Ethylbenzene	ND	1.0	102	102	0.0	101	98	3.0	70 - 130	30
Isopropylbenzene	ND	1.0	101	101	0.0	100	96	4.1	70 - 130	30
m&p-Xylene	ND	2.0	99	99	0.0	97	94	3.1	70 - 130	30
Methyl ethyl ketone	ND	5.0	95	106	10.9	99	93	6.3	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	107	111	3.7	109	106	2.8	70 - 130	30
Methylacetate	ND	5.0	99	107	7.8	152	142	6.8	70 - 130	30
Methylcyclohexane	ND	5.0	102	100	2.0	102	99	3.0	70 - 130	30
Methylene chloride	ND	5.0	96	95	1.0	97	93	4.2	70 - 130	30
o-Xylene	ND	2.0	104	104	0.0	101	98	3.0	70 - 130	30
Styrene	ND	5.0	104	104	0.0	98	95	3.1	70 - 130	30
Tetrachloroethene	ND	5.0	105	104	1.0	103	101	2.0	70 - 130	30
Toluene	ND	1.0	103	102	1.0	101	99	2.0	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	104	103	1.0	102	101	1.0	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	110	111	0.9	103	100	3.0	70 - 130	30
Trichloroethene	ND	5.0	104	105	1.0	108	105	2.8	70 - 130	30
Trichlorofluoromethane	ND	5.0	113	111	1.8	119	114	4.3	70 - 130	30

QA/QC Data

SDG I.D.: GBX39282

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Trichlorotrifluoroethane	ND	5.0	101	100	1.0	104	99	4.9	70 - 130	30
Vinyl chloride	ND	5.0	105	101	3.9	99	99	0.0	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	99	102	3.0	100	99	1.0	70 - 130	30
% Bromofluorobenzene	96	%	101	103	2.0	100	101	1.0	70 - 130	30
% Dibromofluoromethane	100	%	102	102	0.0	102	103	1.0	70 - 130	30
% Toluene-d8	99	%	100	101	1.0	100	99	1.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 374909 (ug/kg), QC Sample No: BX41048 (BX39288)

Volatiles - Soil

1,1,1-Trichloroethane	ND	5.0	90	89	1.1	89	82	8.2	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	90	87	3.4	84	93	10.2	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	89	87	2.3	84	87	3.5	70 - 130	30	
1,1-Dichloroethane	ND	5.0	89	87	2.3	89	82	8.2	70 - 130	30	
1,1-Dichloroethene	ND	5.0	92	86	6.7	90	80	11.8	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	97	93	4.2	95	88	7.7	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	98	94	4.2	90	80	11.8	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	94	91	3.2	85	102	18.2	70 - 130	30	
1,2-Dibromoethane	ND	5.0	90	89	1.1	82	84	2.4	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	89	87	2.3	81	73	10.4	70 - 130	30	
1,2-Dichloroethane	ND	5.0	87	85	2.3	86	83	3.6	70 - 130	30	
1,2-Dichloropropane	ND	5.0	89	86	3.4	87	82	5.9	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	92	88	4.4	81	70	14.6	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	90	88	2.2	80	69	14.8	70 - 130	30	m
1,4-dioxane	ND	100	104	97	7.0	118	111	6.1	70 - 130	30	
2-Hexanone	ND	25	98	92	6.3	90	124	31.8	70 - 130	30	r
4-Methyl-2-pentanone	ND	25	94	92	2.2	100	144	36.1	70 - 130	30	m,r
Acetone	ND	10	84	78	7.4	53	75	34.4	70 - 130	30	m,r
Benzene	ND	1.0	89	88	1.1	88	80	9.5	70 - 130	30	
Bromochloromethane	ND	5.0	92	87	5.6	83	83	0.0	70 - 130	30	
Bromodichloromethane	ND	5.0	92	91	1.1	86	81	6.0	70 - 130	30	
Bromoform	ND	5.0	98	95	3.1	79	86	8.5	70 - 130	30	
Bromomethane	ND	5.0	91	87	4.5	86	70	20.5	70 - 130	30	
Carbon Disulfide	ND	5.0	102	98	4.0	97	88	9.7	70 - 130	30	
Carbon tetrachloride	ND	5.0	93	90	3.3	88	81	8.3	70 - 130	30	
Chlorobenzene	ND	5.0	90	87	3.4	84	75	11.3	70 - 130	30	
Chloroethane	ND	5.0	101	97	4.0	93	79	16.3	70 - 130	30	
Chloroform	ND	5.0	88	86	2.3	86	79	8.5	70 - 130	30	
Chloromethane	ND	5.0	92	86	6.7	91	86	5.6	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	87	85	2.3	85	79	7.3	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	93	93	0.0	89	82	8.2	70 - 130	30	
Cyclohexane	ND	5.0	116	113	2.6	113	102	10.2	70 - 130	30	
Dibromochloromethane	ND	3.0	95	93	2.1	83	83	0.0	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	86	82	4.8	84	78	7.4	70 - 130	30	
Ethylbenzene	ND	1.0	91	87	4.5	85	77	9.9	70 - 130	30	
Isopropylbenzene	ND	1.0	91	90	1.1	89	77	14.5	70 - 130	30	
m&p-Xylene	ND	2.0	89	86	3.4	84	75	11.3	70 - 130	30	
Methyl ethyl ketone	ND	5.0	89	86	3.4	82	112	30.9	70 - 130	30	r
Methyl t-butyl ether (MTBE)	ND	1.0	91	87	4.5	86	88	2.3	70 - 130	30	
Methylacetate	ND	5.0	95	89	6.5	83	100	18.6	70 - 130	30	
Methylcyclohexane	ND	5.0	101	99	2.0	102	93	9.2	70 - 130	30	
Methylene chloride	ND	5.0	88	84	4.7	87	81	7.1	70 - 130	30	

QA/QC Data

SDG I.D.: GBX39282

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
o-Xylene	ND	2.0	91	90	1.1	88	79	10.8	70 - 130	30
Styrene	ND	5.0	91	89	2.2	86	77	11.0	70 - 130	30
Tetrachloroethene	ND	5.0	91	88	3.4	86	76	12.3	70 - 130	30
Toluene	ND	1.0	89	88	1.1	88	79	10.8	70 - 130	30
trans-1,2-Dichloroethene	ND	5.0	92	88	4.4	87	78	10.9	70 - 130	30
trans-1,3-Dichloropropene	ND	5.0	93	91	2.2	85	82	3.6	70 - 130	30
Trichloroethene	ND	5.0	91	88	3.4	85	76	11.2	70 - 130	30
Trichlorofluoromethane	ND	5.0	99	94	5.2	92	81	12.7	70 - 130	30
Trichlorotrifluoroethane	ND	5.0	102	97	5.0	98	89	9.6	70 - 130	30
Vinyl chloride	ND	5.0	96	89	7.6	96	92	4.3	70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	100	101	1.0	101	103	2.0	70 - 130	30
% Bromofluorobenzene	96	%	98	100	2.0	104	103	1.0	70 - 130	30
% Dibromofluoromethane	98	%	102	100	2.0	100	105	4.9	70 - 130	30
% Toluene-d8	100	%	99	100	1.0	102	101	1.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

m = This parameter is outside laboratory MS/MSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

February 06, 2017

Monday, February 06, 2017

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBX39282 - H2M

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BX39283	TCLP-CD	TCLP Cadmium	EPA / 40 CFR 261.24 / Toxicity Characteristics	1.48	0.050	1	1	mg/L
BX39288	TCLP-CD	TCLP Cadmium	EPA / 40 CFR 261.24 / Toxicity Characteristics	4.35	0.050	1	1	mg/L

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



NY Temperature Narration

February 06, 2017

SDG I.D.: GBX39282

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Client Services (860) 645-8726



Customer: How Architects + Engineers
Address: 200 Broad Hollow Rd
Newville, NY 11747

Project: _____
Report to: _____
Invoice to: _____
Phone #: _____
Fax #: _____

DFCI BCRA Closure
Lily Wu Lwu@HAM.COM
Accounts payable@HAM.COM
631-156-8000

Project P.O.: DFCI 1701

This section MUST be completed with Bottle Quantities

Client Sample - Information - Identification

Sampler's
 Signature Anthony DiStasio Date: 12/26/17

Matrix Code:
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
 OIL=Oil B=Bulk L=Liquid

HOENIX USE ONLY	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
390282	8006 pile 720	S	12/17	13:25
390283	SB-46/47			13:35
390284	SB-7			13:05
390285	SB-22			13:25
390286	SB-20			12:30
390287	SB-18			12:55
390288	SB-36/38			12:50
390289	SB-18/19	→	→	12:45

Analysis Request

[illegible]

Relinquished by:

Accepted by:

Date:

Time:

R/

1

MA

Data Format

Comments. Special Requirements or Regulations:

Report Only

Turnaround:

☐	1 Day*
☐	2 Days*
☐	3 Days*
☒	Standard
☐	Other

* SURCHARGE APPLIES

State where samples were collected:

4

*** SURCHARGE APPLIES**

ATTACHMENT #3

NON-HAZARDOUS MANIFESTS

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/20/2017

Ticket No: 30052218

Scale Operator: 68246

Time Out: 12:37 PM

Time in: 12:37 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: SL11

Manifest #: 140753

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 97760.00

Tare Weight: 27840.00

Net Weight: 69920.00

(Tons): 34.96

Weighmaster:

License #:

68264

Signature:

Print Name:

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A		2. Page 1 of 1		3. Emergency Response Phone N/A		4. Waste Tracking Number N/A	
		5. Generator's Name and Mailing Address: DECT Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 116 Wd 631 756 8000		Generator's Site Address (if different than mailing address) DZUS Fasteners 425 Union Blvd. West Islip, NY 11795					
6. Transporter 1 Company Name		SLJ #1				U.S. EPA ID Number AS780S			
7. Transporter 2 Company Name						U.S. EPA ID Number			
8. Designated Facility Name and Site Address		Hazleton Creek Properties, LLC 282 South Church Street Hazleton, PA 18201 Facility's Phone: Phone: (570) 501-5050				U.S. EPA ID Number			
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.				
		No.	Type						
1. Material for Beneficial Use under permit #WMGR096NE001				EST. 22 Ton					
2.									
3.									
4.									
13. Special Handling Instructions and Additional Information None									
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
Generator's/Officer's Printed/Typed Name		Signature: <i>(Signature)</i> (Agent for DECT)				Month Day Year 3 20 17			
15. International Shipments		☐ Import to U.S.		☐ Export from U.S.		Port of entry/exit: Date leaving U.S.:			
16. Transporter Acknowledgment of Receipt of Materials		Transporter 1 Printed/Typed Name		Signature		Month Day Year			
		ANIC x AA		<i>(Signature)</i> AA		3 20 17			
		Transporter 2 Printed/Typed Name		Signature		Month Day Year			
17. Discrepancy									
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
17b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number									
Facility's Phone:									
17c. Signature of Alternate Facility (or Generator) Month Day Year									
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a									
Printed/Typed Name		Signature				Month Day Year			
Hazleton Creek Properties, LLC		<i>(Signature)</i>				3 20 17			

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/20/2017

Ticket No: 30052224

Scale Operator: 68246

Time Out: 12:54 PM

Time in: 12:54 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: JVS12

Manifest #: 140754

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 85380.00

Tare Weight: 27320.00

Net Weight: 58060.00

(Tons): 29.03

Weighmaster:

License #:

68264

Signature:

Print Name:

CUSTOMER COPY

140754

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>N/A</i>	2. Page 1 of <i>1</i>	3. Emergency Response Phone <i>N/A</i>	4. Waste Tracking Number <i>N/A</i>	
5. Generator's Name and Mailing Address: <i>WCS Solutions, Inc</i> <i>425 Union Blvd</i> <i>West Islip, NY 11795</i> Generator's Phone: <i>Lily Wu 631.750.8000</i>			Generator's Site Address (if different than mailing address) <i>17015 Fasteners</i> <i>425 Union Blvd</i> <i>West Islip, NY 11795</i>			
6. Transporter 1 Company Name <i>JV & Son's Trucking corp #12</i>			U.S. EPA ID Number <i>AT 842D</i>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <i>Hazleton Creek Properties, LLC</i> <i>282 South Church Street</i> <i>Hazleton, PA 18201</i> Facility's Phone: <i>Phone: (717) 504-5013</i>			U.S. EPA ID Number			
GENERATOR	9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	1. <i>Material for Beneficial Use</i> <i>under permit #WVNGR09GNE001</i>				<i>EST. 12 Ton</i>	
	2.					
	3.					
4.						
13. Special Handling Instructions and Additional Information <i>None</i>						
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Generator's/Officer's Printed/Typed Name <i>WCS Solutions, Inc for authorized agent (Diana de Luis)</i>			Signature <i>[Signature]</i>		Month <i>3</i>	Day <i>20</i>
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.			Port of entry/exit: Date leaving U.S.:		Year <i>17</i>	
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <i>Jorge Vargas</i>			Signature <i>[Signature]</i>		Month <i>3</i>	Day <i>20</i>
Transporter 2 Printed/Typed Name			Signature <i>[Signature]</i>		Year <i>17</i>	
17. Discrepancy						
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
17b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number						
Facility's Phone:						
17c. Signature of Alternate Facility (or Generator) Month Day Year						
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a						
Printed/Typed Name <i>Hazleton Creek Properties, LLC</i>			Signature <i>[Signature]</i>		Month <i>3</i>	Day <i>20</i>
Year <i>17</i>						

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street
Hazleton PA, 18201
Tel: (570) 501-5050



Ticket Date: 3/20/2017

Ticket No: 30052227

Scale Operator: 68246

Time Out: 1:01 PM

Time in: 1:01 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: SLJ02

Manifest #: 140756

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 89320.00

Tare Weight: 27900.00

Net Weight: 61420.00

(Tons): 30.71

Weighmaster:

License #:

68264

Signature:

Print Name:

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A	
5. Generator's Name and Mailing Address: DCL Solutions, Inc. 444 Union Blvd. West Islip, NY 11795 Generator's Phone: 631.756.8000			Generator's Site Address (if different than mailing address): DCL Solutions 425 Union Blvd. West Islip, NY 11795			
6. Transporter 1 Company Name SLJ Trucking LLC #2.			U.S. EPA ID Number ATD33E.			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address: Hazleton Creek Properties, LLC 182 South Church Street Hazleton, PA 18201 Facility's Phone: 717.831.5015			U.S. EPA ID Number			
GENERATOR	9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	1. Material for Beneficial Use under permit #WMGR096NE001				EST. 22 Ton	
	2.					
	3.					
4.						
13. Special Handling Instructions and Additional Information None						
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Generator's/Officer's Printed/Typed Name: Derek Lunn Signature: <i>[Signature]</i> (Agent for DCL) Month: 3 Day: 20 Year: 17						
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
	Transporter Signature (for exports only): _____					
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials					
	Transporter Printed/Typed Name: James Moliner Signature: <i>[Signature]</i> Month: 3 Day: 20 Year: 17		Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____			
DESIGNATED FACILITY	17. Discrepancy					
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
	Manifest Reference Number: _____					
	17b. Alternate Facility (or Generator) U.S. EPA ID Number: _____					
	Facility's Phone: _____					
17c. Signature of Alternate Facility (or Generator) Month: _____ Day: _____ Year: _____						
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name: Hazleton Creek Properties, LLC Signature: <i>[Signature]</i> Month: 3 Day: 20 Year: 17						

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street
Hazleton PA, 18201
Tel: (570) 501-5050



Ticket Date: 3/20/2017

Ticket No: 30052228

Scale Operator: 68246

Time Out: 1:11 PM

Time in: 1:11 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger
Columbia MD, 21046

Material ID: 400

Vehicle ID#: TORITO206

Manifest #: 140755

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 99660.00

Tare Weight: 28540.00

Net Weight: 71120.00

(Tons): 35.56

Weighmaster:

License #:

68264

Signature:

Print Name:

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A
5. Generator's Name and Mailing Address DECI Solutions, Inc. 425 Union Blvd West Islip, NY 11795 Generator's Phone: 631.756.8000			Generator's Site Address (if different than mailing address) DECI Fasteners 425 Union Blvd. West Islip, NY 11795		
6. Transporter 1 Company Name TORITO TRUCKING 206			U.S. EPA ID Number AS 380K		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 282 South Church Street Hazleton, PA 18201 Facility's Phone: (717) 504-5050			U.S. EPA ID Number		
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. Material for Beneficial Use under permit #WMGR096NE001				EST	22 Ton
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information None					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name DECI Solutions, Inc. for authorized agent		Signature <i>Derek L...</i>		Month 3	Day 20
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: Date leaving U.S.:		Year 17	
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name ROY PALIAN		Signature <i>Roy Palian</i>		Month 3	Day 20
Transporter 2 Printed/Typed Name		Signature		Year 17	
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
Manifest Reference Number:					
17b. Alternate Facility (or Generator) U.S. EPA ID Number					
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator) Month Day Year					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Hazleton Creek Properties, LLC		Signature <i>[Signature]</i>		Month 3	Day 20
				Year 17	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/20/2017

Ticket No: 30052229

Scale Operator: 68246

Time Out: 1:41 PM

Time in: 1:41 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: H&M75

Manifest #: 140760

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 86860.00

Tare Weight: 27280.00

Net Weight: 59580.00

(Tons): 29.79

Weighmaster:

License #:

68264

Signature:

Print Name:

CUSTOMER COPY

140760

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A
5. Generator's Name and Mailing Address: DFI Solutions, Inc. 825 Union Blvd West Islip, NY 11795 Generator's Phone: 116 Wd 631.756.5000			Generator's Site Address (if different than mailing address) DZUS Fasteners 425 Union Blvd. West Islip, NY 11795		
6. Transporter 1 Company Name H Sui Hocking LLC #75			U.S. EPA ID Number AT 640 D		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 282 South Church Street Hazleton, PA 18201 Facility's Phone: 610.704.0000			U.S. EPA ID Number		
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. Material for Beneficial Use under permit #WMGR096NE001				EST 22 Ton	
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information None					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name DFI Solutions, Inc. (an authorized agent) <i>Daniel Lunn</i> Signature <i>Daniel Lunn</i> (Agent for DFI) Month 3 Day 20 Year 17					
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Hector Muroz			Signature <i>Hector Muroz</i>		Month 3 Day 20 Year 17
Transporter 2 Printed/Typed Name			Signature		Month Day Year
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
17b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number					
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator) Month Day Year					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a.					
Printed/Typed Name Hazleton Creek Properties, LLC			Signature <i>[Signature]</i>		Month Day Year 3 20 17

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/20/2017

Ticket No: 30052231

Scale Operator: 68246

Time Out: 2:13 PM

Time in: 2:13 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: LUCAS10

Manifest #: 140762

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 93300.00

Tare Weight: 24800.00

Net Weight: 68500.00

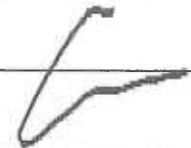
(Tons): 34.25

Weighmaster: 

License #: 68264

Signature: _____

Print Name: _____


CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A		2. Page 1 of 1		3. Emergency Response Phone N/A		4. Waste Tracking Number N/A	
5. Generator's Name and Mailing Address: DEF SOLUTIONS, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 631.756.8000						Generator's Site Address (if different than mailing address) DEF SOLUTIONS 425 Union Blvd. West Islip, NY 11795			
6. Transporter 1 Company Name Lucas Trucking LLC						U.S. EPA ID Number AS234U - NJ			
7. Transporter 2 Company Name						U.S. EPA ID Number			
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 282 South Church Street Hazleton, PA 18201 Facility's Phone: 717.451.5010						U.S. EPA ID Number			
9. Waste Shipping Name and Description						10. Containers		11. Total Quantity	12. Unit Wt./Vol.
						No.	Type		
1. Material for Beneficial Use under permit #WMGR096NE001								EST	12 Ton
2.									
3.									
4.									
13. Special Handling Instructions and Additional Information None									
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
Generator's/Officer's Printed/Typed Name Derek Lunn (Agent for DEF)									
Signature [Signature] Month Day Year 3 20 12									
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:									
Transporter Signature (for exports only):									
16. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Cesar Bedoya						Signature [Signature]		Month Day Year 3 20 17	
Transporter 2 Printed/Typed Name						Signature		Month Day Year	
17. Discrepancy									
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
Manifest Reference Number:									
17b. Alternate Facility (or Generator)						U.S. EPA ID Number			
Facility's Phone:									
17c. Signature of Alternate Facility (or Generator)						Month Day Year			
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a									
Printed/Typed Name Hazleton Creek Properties, LLC						Signature [Signature]		Month Day Year 3 20 17	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/20/2017

Ticket No: 30052253

Scale Operator: 79272

Time Out: 5:06 PM

Time in: 5:06 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: TORITO205

Manifest #: 147552

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 87020.00

Tare Weight: 27480.00

Net Weight: 59540.00

(Tons): 29.77

Weighmaster: Wilcox Varga

License #: 79272

Signature: _____

Print Name: _____

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of		3. Emergency Response Phone		4. Waste Tracking Number	
5. Generator's Name and Mailing Address: 425 Union Blvd West Islip, NY 11795 City Wg 631 756 8000						Generator's Site Address (if different than mailing address) 425 Union Blvd West Islip, NY 11795			
Generator's Phone:						U.S. EPA ID Number			
6. Transporter 1 Company Name: Orto Trucking #205						U.S. EPA ID Number: AS67114			
7. Transporter 2 Company Name						U.S. EPA ID Number			
8. Designated Facility Name and Site Address: Hazleton Creek Properties, LLC 282 South Church Street Hazleton, PA 16801 Phone: (717) 551-5060						U.S. EPA ID Number			
Facility's Phone:									
9. Waste Shipping Name and Description						10. Containers		11. Total Quantity	12. Unit Wt./Vol.
						No.	Type		
1. Material for Beneficial Use under permit #WMGR096NE001								EST 22 Ton	
2.									
3.									
4.									
13. Special Handling Instructions and Additional Information									
None									
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
Generator's/Officer's Printed/Typed Name: Derrick Lue						Signature: <i>[Signature]</i>		Month Day Year: 3 20 17	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:									
Transporter Signature (for exports only):									
16. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name: John Orocco						Signature: <i>[Signature]</i>		Month Day Year: 3 20 17	
Transporter 2 Printed/Typed Name						Signature		Month Day Year	
17. Discrepancy									
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
Manifest Reference Number:									
17b. Alternate Facility (or Generator)						U.S. EPA ID Number			
Facility's Phone:									
17c. Signature of Alternate Facility (or Generator)						Month Day Year			
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a									
Printed/Typed Name: Hazleton Creek Properties, LLC						Signature: <i>[Signature]</i>		Month Day Year: 3 20 17	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/20/2017

Ticket No: 30052255

Scale Operator: 79272

Time Out: 5:12 PM

Time in: 5:12 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: TORITO208

Manifest #: 140759

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 91740.00

Tare Weight: 28560.00

Net Weight: 63180.00

(Tons): 31.59

Weighmaster: Wilson Vargo

License #: 79272

Signature: _____

Print Name: _____

[Signature]
CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A		2. Page 1 of		3. Emergency Response Phone N/A		4. Waste Tracking Number N/A	
5. Generator's Name and Mailing Address: JFCI Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 631.756.8000						Generator's Site Address (if different than mailing address) JFCI Solutions 425 Union Blvd. West Islip, NY 11795			
6. Transporter 1 Company Name Torito II 208						U.S. EPA ID Number AS975U			
7. Transporter 2 Company Name						U.S. EPA ID Number			
8. Designated Facility Name and Site Address Hickton Creek Properties, LLC 202 South Church Street Hickory, NC 27601 Facility's Phone:						U.S. EPA ID Number			
9. Waste Shipping Name and Description						10. Containers		11. Total Quantity	12. Unit Wt./Vol.
						No.	Type		
1. Material for Beneficial Use under permit #WWMGR096NE001								EST. 12 Ton	
2.									
3.									
4.									
13. Special Handling Instructions and Additional Information None									
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
Generator's/Officer's Printed/Typed Name JFCI Solutions, Inc. (for authorized agent)						Signature Derrick Lun		Month Day Year 3 20 17	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:									
16. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Marciano Rodriguez						Signature [Signature]		Month Day Year 3 20 17	
Transporter 2 Printed/Typed Name						Signature		Month Day Year	
17. Discrepancy									
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
17b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number									
Facility's Phone:									
17c. Signature of Alternate Facility (or Generator) Month Day Year									
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a									
Printed/Typed Name Hickton Creek Properties, LLC						Signature W.V.		Month Day Year 3 20 17	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/20/2017

Ticket No: 30052256

Scale Operator: 79272

Time Out: 5:14 PM

Time in: 5:14 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: TORITO203

Manifest #: 140761

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 91180.00

Tare Weight: 29040.00

Net Weight: 62140.00

(Tons): 31.07

Weighmaster: Wilcox Vargo

License #: 79272

Signature: _____

Print Name: _____

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A
5. Generator's Name and Mailing Address: DFCI Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 631.756.8000			Generator's Site Address (if different than mailing address) 425 Union Blvd West Islip, NY 11795		
6. Transporter 1 Company Name TORITO AR4616 #203			U.S. EPA ID Number R04333		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Hazelton Creek Properties, LLC 262 South Church Street Hazelton, PA 18201 Facility's Phone: 717.331.3015			U.S. EPA ID Number		
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. Material for Beneficial Use under permit #WMGR096NE001				EST. 22 Ton	
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information None					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name Derek Linc			Signature <i>[Signature]</i>		Month Day Year 3 20 17
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name RAFAEL BLANCO			Signature <i>[Signature]</i>		Month Day Year 3 20 17
Transporter 2 Printed/Typed Name			Signature		Month Day Year
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
Manifest Reference Number:					
17b. Alternate Facility (or Generator)			U.S. EPA ID Number		
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)			Month Day Year		
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Hazelton Creek Properties, LLC			Signature <i>[Signature]</i>		Month Day Year 3 20 17

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/20/2017

Ticket No: 30052258

Scale Operator: 79272

Time Out: 5:18 PM

Time in: 5:18 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: TORITO207

Manifest #: 140764

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 96220.00

Tare Weight: 28800.00

Net Weight: 67420.00

(Tons): 33.71

Weighmaster: Wilson Varga

License #: 79272

Signature: _____

Print Name: _____

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A		2. Page 1 of 1		3. Emergency Response Phone N/A		4. Waste Tracking Number N/A				
5. Generator's Name and Mailing Address: W.T. Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 116 Wd 631.756.3000						Generator's Site Address (if different than mailing address) DZUS Fasteners 425 Union Blvd. West Islip, NY 11795						
6. Transporter 1 Company Name Torito trucking / ASBOIK / 207						U.S. EPA ID Number						
7. Transporter 2 Company Name						U.S. EPA ID Number						
8. Designated Facility Name and Site Address Hartleton Creek Properties, LLC 252 South Church Street Hartleton, PA 18001 Facility's Phone: (610) 201-0030						U.S. EPA ID Number						
9. Waste Shipping Name and Description						10. Containers		11. Total Quantity	12. Unit Wt./Vol.			
						No.	Type					
1. Material for Beneficial Use under permit #WMGR096NL001								EST 1/2 Ton				
13. Special Handling Instructions and Additional Information None												
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.												
Generator's/Officer's Printed/Typed Name Jerach Luna Signature <i>[Signature]</i> (Agent for DFCO) Month 3 Day 20 Year 17												
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:												
16. Transporter Acknowledgment of Receipt of Materials												
Transporter 1 Printed/Typed Name HECTOR						Signature <i>[Signature]</i>		Month 3 Day 20 Year 17				
Transporter 2 Printed/Typed Name						Signature		Month Day Year				
17. Discrepancy												
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection												
17b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number												
Facility's Phone:												
17c. Signature of Alternate Facility (or Generator) Month Day Year												
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a												
Printed/Typed Name Hartleton Creek Properties, LLC						Signature <i>[Signature]</i>		Month 3 Day 20 Year 17				

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/20/2017

Ticket No: 30052259

Scale Operator: 79272

Time Out: 5:22 PM

Time in: 5:22 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: VEGA06

Manifest #: 140758

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 98020.00

Tare Weight: 26700.00

Net Weight: 71320.00

(Tons): 35.66

Weighmaster: Wilson Vargo

License #: 79272

Signature: _____

Print Name: _____

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A	
5. Generator's Name and Mailing Address: HCL Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 516.756.8000		Generator's Site Address (if different than mailing address) DQUS Fasteners 425 Union Blvd. West Islip, NY 11795			
6. Transporter 1 Company Name Vega #6 AT826 C		U.S. EPA ID Number			
7. Transporter 2 Company Name		U.S. EPA ID Number			
8. Designated Facility Name and Site Address Hazelton Creek Properties, LLC 282 South Church Street Hazelton, PA 18701 Facility's Phone: (570) 501-6050		U.S. EPA ID Number			
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit WL/Vol.
		No.	Type		
1. Material for Beneficial Use under permit #WMGR099NE001				EST. 22 tons	
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information None					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name HCL Solutions, Inc. (for authorized agent)		Signature Derek Lee		Month 3	Day 20
15. International Shipments ☐ Import to U.S.		☐ Export from U.S.		Port of entry/exit:	Year 17
Transporter Signature (for exports only):		Date leaving U.S.:			
16. Transporter Acknowledgment of Receipt of Materials		Signature		Month 3	Day 20
Transporter 1 Printed/Typed Name Javier F		Signature		Year 18	
Transporter 2 Printed/Typed Name		Signature		Month	Day
				Year	
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
Manifest Reference Number:					
17b. Alternate Facility (or Generator)		U.S. EPA ID Number			
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)				Month	Day
				Year	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Hazelton Creek Properties, LLC		Signature W.L.V		Month 3	Day 20
				Year 17	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties



282 South Church Street
Hazleton PA, 18201
Tel: (570) 501-5050

Ticket Date: 3/20/2017
Scale Operator: 79272

Ticket No: 30052260

Time Out: 5:23 PM

Time in: 5:23 PM

Customer E141

Hauler:

Soil Safe
ATTN: Mr. Jeff Berger
Columbia MD, 21046

Material ID: 400

Vehicle ID#: VEGA04

Manifest #: 140763

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 97960.00

Tare Weight: 26820.00

Net Weight: 71140.00

(Tons): 35.57

Weighmaster: Wilcox Vargo

License #: 79272

Signature: _____

Print Name: _____

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A	
5. Generator's Name and Mailing Address: DFC Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: (631) 431-7568			Generator's Site Address (if different than mailing address) 425 Union Blvd. West Islip, NY 11795			
6. Transporter 1 Company Name U260 # 4			U.S. EPA ID Number 15915U			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address Hartleton Creek Properties, LLC 282 South Church Street Hartleton, PA 18001 Facility's Phone: (610) 421-5000			U.S. EPA ID Number			
9. Waste Shipping Name and Description			10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
1. Material for Beneficial Use under permit #WIMGR096NE001					151.22 Ton	
2.						
3.						
4.						
13. Special Handling Instructions and Additional Information None						
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste. Generator's/Officer's Printed/Typed Name: <u>Derrick Luan</u> Signature: <u>[Signature]</u> (Agent for DFC) Month: <u>3</u> Day: <u>20</u> Year: <u>17</u>						
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <u>JORGE A. POSSO</u> Signature: <u>[Signature]</u> Month: <u>03</u> Day: <u>20</u> Year: <u>17</u> Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____						
17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Manifest Reference Number: _____						
17b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____ Facility's Phone: _____						
17c. Signature of Alternate Facility (or Generator) _____ Month: _____ Day: _____ Year: _____						
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a Printed/Typed Name: <u>Hartleton Creek Properties, LLC</u> Signature: <u>[Signature]</u> Month: <u>3</u> Day: <u>20</u> Year: <u>17</u>						

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/20/2017

Ticket No: 30052263

Scale Operator: 79272

Time Out: 5:32 PM

Time in: 5:32 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: VEGA02

Manifest #: 140765

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 92520.00

Tare Weight: 25820.00

Net Weight: 66700.00

(Tons): 33.35

Weighmaster: Wilson Vargo

License #: 79272

Signature: _____

Print Name: _____

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A
5. Generator's Name and Mailing Address DECI Solutions, Inc. 425 Union Blvd West Islip, NY 11795 Generator's Phone: 116 W. 425 756 8000			Generator's Site Address (if different than mailing address) DECI Solutions 425 Union Blvd West Islip, NY 11795		
6. Transporter 1 Company Name Vega #2				U.S. EPA ID Number BS922A	
7. Transporter 2 Company Name				U.S. EPA ID Number	
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 282 South Church Street Hazleton, PA 18201 Facility's Phone: 717 321-5150				U.S. EPA ID Number	
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. Material for Beneficial Use under permit #WVGR096NE001				EST. 22 Ton	
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information None					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name DECI Solutions, Inc. (not authorized agent) Derrick Linn Signature Derrick Linn (Agent for DECI) Month Day Year 3 20 17					
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Pablo Z		Signature Pablo Z		Month Day Year 3 20 17	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
17b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number					
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator) Month Day Year					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Hazleton Creek Properties, LLC		Signature W.V		Month Day Year 3 20 17	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street
Hazleton PA, 18201
Tel: (570) 501-5050



Ticket Date: 3/20/2017
Scale Operator: 79272

Ticket No: 30052271

Time Out: 6:10 PM

Time in: 6:11 PM

Customer E141

Hauler:

Soil Safe
ATTN: Mr. Jeff Berger
Columbia MD, 21046

Material ID: 400

Vehicle ID#: VEGA05

Manifest #: 140767

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight:	93380.00
Tare Weight:	27980.00
Net Weight:	65400.00
(Tons):	32.70

Weighmaster: Wilcox Varga
License #: 79272

Signature: _____

Print Name: _____

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A
5. Generator's Name and Mailing Address: VEGA SOLUTIONS, INC. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 116 WIL 631 756 8000			Generator's Site Address (if different than mailing address) 425 Union Blvd. West Islip, NY 11795		
6. Transporter 1 Company Name VEGA LJS + 20 KIN			U.S. EPA ID Number		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 202 South Church Street Hazleton, PA 17820 Facility's Phone: 717 247 2000			U.S. EPA ID Number		
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. Material for Beneficial Use under permit #WMGR096NL001				PSL 22 tons	
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information None					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name Derrick Luna Signature <i>[Signature]</i> (Agent for VEGA) Month Day Year 3 20 17					
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name			Signature		Month Day Year 3 20 17
Transporter 2 Printed/Typed Name <i>[Signature]</i>			Signature <i>[Signature]</i>		Month Day Year 3 20 17
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
Manifest Reference Number:					
17b. Alternate Facility (or Generator)			U.S. EPA ID Number		
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)			Month Day Year		
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Hazleton Creek Properties, LLC			Signature <i>[Signature]</i>		Month Day Year 3 20 17

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties



282 South Church Street
Hazleton PA, 18201
Tel: (570) 501-5050

Ticket Date: 3/20/2017

Ticket No: 30052272

Scale Operator: 79272

Time Out: 6:13 PM

Time in: 6:13 PM

Customer E141

Hauler:

Soil Safe
ATTN: Mr. Jeff Berger
Columbia MD, 21046

Material ID: 400

Vehicle ID#: JGS08

Manifest #: 140757

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 80680.00

Tare Weight: 28100.00

Net Weight: 52580.00

(Tons): 26.29

Weighmaster: Wilson Varga

License #: 79272

Signature: _____

Print Name: _____

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A
5. Generator's Name and Mailing Address: JCS Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 631.756.8000			Generator's Site Address (if different than mailing address): JCS Fasteners 425 Union Blvd. West Islip, NY 11795		
6. Transporter 1 Company Name JCS #8			U.S. EPA ID Number AS986N		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address: Hazleton Creek Properties, LLC 282 South Church Street Hazleton, PA 18201 Facility's Phone: 717.782.5055			U.S. EPA ID Number		
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. Material for Beneficial Use under permit #WVWGR090NE001				151	12 Ton
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information None					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name: Derick L. [Signature] (Agent for JCS) Month: 3 Day: 20 Year: 17					
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name: Luis Ochoa		Signature: [Signature]		Month: 3 Day: 20 Year: 17	
Transporter 2 Printed/Typed Name:		Signature: [Signature]		Month: Day: Year:	
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
Manifest Reference Number:					
17b. Alternate Facility (or Generator) U.S. EPA ID Number:					
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator) Month: Day: Year:					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name: Hazleton Creek Properties, LLC		Signature: [Signature]		Month: 3 Day: 20 Year: 17	

DESIGNATED FACILITY TO GENERATOR

Customer Usage with Detail Summary

Date		Material	Tran #	Manifest #	Truck #	GrossWgt.	Tare Wgt.	Net Wgt.
E141 - Soil Safe								
2017-3-1 - DFCI West Islip								
03/21/17	12:30 PM	Beneficial Use Material	30052332	140783	GIANZA07	86,560.00	27,260.00	29.65
03/21/17	12:34 PM	Beneficial Use Material	30052333	140776	AMERICAN EAGL E07	84,980.00	27,560.00	28.71
03/21/17	1:25 PM	Beneficial Use Material	30052347	140782	GIANZA06	87,540.00	27,300.00	30.12
03/21/17	1:37 PM	Beneficial Use Material	30052350	140780	HALES2	94,320.00	30,580.00	31.87
03/21/17	2:21 PM	Beneficial Use Material	30052354	140191	DONAR01	89,580.00	28,760.00	30.41
03/21/17	2:27 PM	Beneficial Use Material	30052360	140186	ONTIME13	92,820.00	27,860.00	32.48
03/21/17	2:31 PM	Beneficial Use Material	30052356	140190	GMJ01	91,460.00	28,360.00	31.55
03/21/17	2:38 PM	Beneficial Use Material	30052364	140189	CTS18	82,620.00	26,240.00	28.19
03/21/17	4:01 PM	Beneficial Use Material	30052377	140188	VM01	84,800.00	29,980.00	27.41
03/21/17	5:31 PM	Beneficial Use Material	30052385	140777	JGS08	86,740.00	28,100.00	29.32
03/21/17	5:35 PM	Beneficial Use Material	30052386	140778	JGS07	89,620.00	28,700.00	30.46
03/21/17	5:44 PM	Beneficial Use Material	30052390	140779	GIANZA03	95,520.00	27,520.00	34.00
03/21/17	8:18 PM	Beneficial Use Material	30052396	140187	SKALAS03	94,580.00	26,280.00	34.15
03/21/17	8:21 PM	Beneficial Use Material	30052397	140781	SKALAS02	94,360.00	25,440.00	34.46
03/21/17	9:22 PM	Beneficial Use Material	30052398	140770	D104	93,860.00	30,260.00	31.80
2017-3-1 - DFCI West Islip Totals					Tickets: 15			464.58
E141 - Soil Safe Totals					Tickets: 15			464.58
Report Totals					Total Tickets: 15			464.58

Hazleton Creek Properties

282 South Church Street
Hazleton PA, 18201
Tel: (570) 501-5050



Ticket Date: 3/21/2017

Ticket No: 30052332

Scale Operator: 68246

Time Out: 12:29 PM

Time in: 12:29 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger
Columbia MD, 21046

Material ID: 400

Vehicle ID#: GIANZA07

Manifest #: 140783

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 86560.00

Tare Weight: 27260.00

Net Weight: 59300.00

(Tons): 29.65

Weighmaster:

License #:

68264

Signature:

Print Name:

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A		2. Page 1 of 1		3. Emergency Response Phone N/A		4. Waste Tracking Number N/A				
5. Generator's Name and Mailing Address: DECI Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 631 756 8000						Generator's Site Address (if different than mailing address) 425 Union Blvd. West Islip, NY 11795						
6. Transporter 1 Company Name GIANZA #7						U.S. EPA ID Number AT479F						
7. Transporter 2 Company Name						U.S. EPA ID Number						
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 282 South Church Street Hazleton, PA 18201 Facility's Phone: (570) 581-5050						U.S. EPA ID Number						
9. Waste Shipping Name and Description						10. Containers		11. Total Quantity	12. Unit Wt./Vol.			
						No.	Type					
1. Material for Beneficial Use under permit #WMGR096NE001								EST. 12 Ton				
13. Special Handling Instructions and Additional Information None												
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.												
Generator's/Officer's Printed/Typed Name Ashley Hastings						Signature <i>Ashley Hastings</i>		Month Day Year 3 21 17				
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____												
16. Transporter Acknowledgment of Receipt of Materials												
Transporter 1 Printed/Typed Name Andres F. Ocampo						Signature <i>[Signature]</i>		Month Day Year 3 21 17				
Transporter 2 Printed/Typed Name						Signature		Month Day Year				
17. Discrepancy												
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection												
17b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____												
Facility's Phone: _____												
17c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____												
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a												
Printed/Typed Name Hazleton Creek Properties, LLC						Signature <i>[Signature]</i>		Month Day Year 3 21 17				

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/21/2017

Ticket No: 30052333

Scale Operator: 68246

Time Out: 12:32 PM

Time in: 12:32 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: AMERICANEAGLE07

Manifest #: 140776

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 84980.00

Tare Weight: 27560.00

Net Weight: 57420.00

(Tons): 28.71

Weighmaster:

License #:

68264

Signature:

Print Name:

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A		2. Page 1 of 1		3. Emergency Response Phone N/A		4. Waste Tracking Number N/A	
5. Generator's Name and Mailing Address: US Squatters, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 631.756.4000						Generator's Site Address (if different than mailing address) US Squatters 425 Union Blvd. West Islip, NY 11795			
6. Transporter 1 Company Name AMERICAN EAGLE GROUP.						U.S. EPA ID Number AT 982 D #7			
7. Transporter 2 Company Name AT						U.S. EPA ID Number			
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 287 South Church Street Hazleton, PA 16831 Facility's Phone: 717.331.6050						U.S. EPA ID Number			
9. Waste Shipping Name and Description						10. Containers		11. Total Quantity	12. Unit Wt./Vol.
						No.	Type		
1. Material for Beneficial Use under permit #WVWGR096NE001								151	12 Ton
2.									
3.									
4.									
13. Special Handling Instructions and Additional Information None									
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
Generator's/Officer's Printed/Typed Name Ashley Hastings						Signature <i>Ashley Hastings</i>		Month Day Year 3 21 17	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter Signature (for exports only): _____ Date leaving U.S.: _____									
16. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Julio Quiridumbay						Signature <i>[Signature]</i>		Month Day Year 03 21 17	
Transporter 2 Printed/Typed Name						Signature		Month Day Year	
17. Discrepancy									
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
Manifest Reference Number:									
17b. Alternate Facility (or Generator)						U.S. EPA ID Number			
Facility's Phone:									
17c. Signature of Alternate Facility (or Generator)						Signature		Month Day Year	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a.									
Printed/Typed Name Hazleton Creek Properties, LLC						Signature <i>[Signature]</i>		Month Day Year 03 21 17	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/21/2017

Ticket No: 30052347

Scale Operator: 68246

Time Out: 1:24 PM

Time in: 1:24 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: GIANZA06

Manifest #: 140782

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 87540.00

Tare Weight: 27300.00

Net Weight: 60240.00

(Tons): 30.12

Weighmaster:

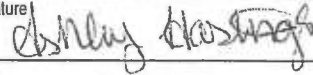
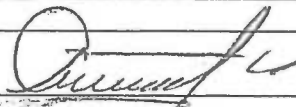
License #:

68264

Signature:

Print Name:

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A		2. Page 1 of 1		3. Emergency Response Phone N/A		4. Waste Tracking Number N/A				
5. Generator's Name and Mailing Address DECSolutions, Inc. 475 Union Blvd West Islip, NY 11795 Generator's Phone: 117 W 475 756 8000						Generator's Site Address (if different than mailing address) DECS Facilities 425 Union Blvd West Islip, NY 11795						
6. Transporter 1 Company Name GIANZA #6						U.S. EPA ID Number AS 6897						
7. Transporter 2 Company Name						U.S. EPA ID Number						
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 282 South Church Street Hazleton, PA 16707 Facility's Phone: 717 781 5011						U.S. EPA ID Number						
9. Waste Shipping Name and Description						10. Containers		11. Total Quantity	12. Unit WL/Vol.			
						No.	Type					
1. Material for Beneficial Use under permit #WVMO96NE001								EST. 12 Tons				
13. Special Handling Instructions and Additional Information None												
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.												
Generator's/Officer's Printed/Typed Name Ashley Hastings DECSolutions, Inc. for authorized agents						Signature 		Month Day Year 3/21/17				
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter Signature (for exports only): _____ Date leaving U.S.: _____												
16. Transporter Acknowledgment of Receipt of Materials												
Transporter 1 Printed/Typed Name Gilberto Salazar						Signature 		Month Day Year 3/21/17				
Transporter 2 Printed/Typed Name						Signature		Month Day Year				
17. Discrepancy												
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection												
17b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____ Facility's Phone: _____												
17c. Signature of Alternate Facility (or Generator) Month Day Year												
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a												
Printed/Typed Name Hazleton Creek Properties, LLC						Signature 		Month Day Year 3/21/17				

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/21/2017

Ticket No: 30052350

Scale Operator: 68246

Time Out: 1:35 PM

Time in: 1:35 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: HALES2

Manifest #: 140780

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 94320.00

Tare Weight: 30580.00

Net Weight: 63740.00

(Tons): 31.87

Weighmaster:

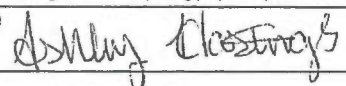
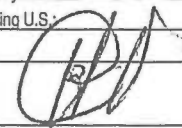
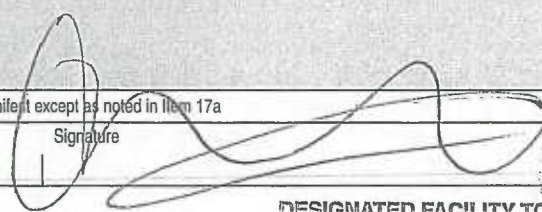
License #:

68264

Signature:

Print Name:

HEIMZ
CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A		2. Page 1 of 1		3. Emergency Response Phone N/A		4. Waste Tracking Number N/A				
5. Generator's Name and Mailing Address HCS Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 631.756.8000						Generator's Site Address (if different than mailing address) 425 Union Blvd. West Islip, NY 11795						
6. Transporter 1 Company Name						U.S. EPA ID Number						
7. Transporter 2 Company Name						U.S. EPA ID Number						
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 282 South Church Street Hazleton, PA 18201 Facility's Phone: 610.501.5050						U.S. EPA ID Number						
9. Waste Shipping Name and Description						10. Containers		11. Total Quantity	12. Unit Wt./Vol.			
						No.	Type					
1. Material for Beneficial Use under permit #WMGR096NE001								EST. 12 Ton				
13. Special Handling Instructions and Additional Information None												
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.												
Generator's/Officer's Printed/Typed Name Ashley Hastings						Signature 		Month Day Year 3/21/17				
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____												
16. Transporter Acknowledgment of Receipt of Materials												
Transporter 1 Printed/Typed Name HALES						Signature 		Month Day Year 3/21/17				
Transporter 2 Printed/Typed Name ALTON N. ELIZABETH						Signature		Month Day Year				
17. Discrepancy												
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection												
Manifest Reference Number: _____												
17b. Alternate Facility (or Generator)						U.S. EPA ID Number						
Facility's Phone: _____												
17c. Signature of Alternate Facility (or Generator)						Month Day Year						
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a												
Printed/Typed Name Hazleton Creek Properties, LLC						Signature 		Month Day Year 3/21/17				

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/21/2017

Ticket No: 30052354

Scale Operator: 68246

Time Out: 2:21 PM

Time in: 2:00 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: DONAR01

Manifest #: 140191

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 89580.00

Tare Weight: 28760.00

Net Weight: 60820.00

(Tons): 30.41

Weighmaster: 

License #: 68264

Signature: _____

Print Name: 

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A
5. Generator's Name and Mailing Address DECS Solutions, Inc. 475 Union Blvd. West Islip, NY 11795 Generator's Phone: 631 756 8000			Generator's Site Address (if different than mailing address) DECS Solutions 475 Union Blvd. West Islip, NY 11795		
6. Transporter 1 Company Name DONAR CONTRACTING #1			U.S. EPA ID Number M 230530		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Hazelton Creek Properties, LLC 282 South Church Street Hazelton, PA 16801 Facility's Phone: 814 751 3032			U.S. EPA ID Number		
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. Material for Beneficial Use under permit #WMGR096NE001				EST. 72 Ton	
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information None					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name ASHLEY HESTINGS		Signature <i>Ashley Hastings</i>		Month Day Year 3/21/17	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter Signature (for exports only): _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name JOSE G		Signature <i>JOSE G</i>		Month Day Year 3/21/17	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
Manifest Reference Number: _____					
17b. Alternate Facility (or Generator)				U.S. EPA ID Number	
Facility's Phone: _____					
17c. Signature of Alternate Facility (or Generator)				Month Day Year	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Hazelton Creek Properties, LLC		Signature <i>[Signature]</i>		Month Day Year 3/21/17	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/21/2017

Ticket No: 30052360

Scale Operator: 68246

Time Out: 2:26 PM

Time in: 2:26 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: ONTIME13

Manifest #: 140186

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 92820.00

Tare Weight: 27860.00

Net Weight: 64960.00

(Tons): 32.48

Weighmaster:

License #:

68264

Signature:

Print Name:

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number 474	2. Page 1 of 1	3. Emergency Response Phone 474	4. Waste Tracking Number 1474	
5. Generator's Name and Mailing Address B2 Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 516.756.9000		Generator's Site Address (if different than mailing address) B2S customers 425 Union Blvd. West Islip, NY 11795			
6. Transporter 1 Company Name ON TIME		13		U.S. EPA ID Number AT 967 M	
7. Transporter 2 Company Name				U.S. EPA ID Number	
8. Designated Facility Name and Site Address Hazelton Creek Properties, LLC 782 South Church Street Hazelton, PA 18201 Facility's Phone: 717.491.8050		U.S. EPA ID Number			
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit WL/Vol.
		No.	Type		
1. Material for Beneficial Use under permit #WMGR096NE001				EST 22 Ton	
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name Ashley Hastings		Signature Ashley Hastings		Month 13	Day 21
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit:		Year 17	
Transporter Signature (for exports only):		Date leaving U.S.:			
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Jose D. Rodriguez		Signature [Signature]		Month 13	Day 21
Transporter 2 Printed/Typed Name		Signature		Year 17	
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
Manifest Reference Number:					
17b. Alternate Facility (or Generator)		U.S. EPA ID Number			
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)				Month 13	Day 21
Year 17					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name		Signature [Signature]		Month 13	Day 21
				Year 17	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/21/2017

Ticket No: 30052356

Scale Operator: 68246

Time Out: 2:30 PM

Time in: 2:13 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: GMJ01

Manifest #: 140190

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 91460.00

Tare Weight: 28360.00

Net Weight: 63100.00

(Tons): 31.55

Weighmaster:

License #: 68264

Signature:

Print Name:

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A
5. Generator's Name and Mailing Address: <i>DEI Solutions, Inc.</i> <i>425 Union Blvd.</i> <i>West Islip, NY 11795</i>			Generator's Site Address (if different than mailing address) <i>425 Union Blvd.</i> <i>West Islip, NY 11795</i>		
Generator's Phone: <i>631.756.8000</i>					
6. Transporter 1 Company Name <i>EMJ3 Enterprises</i>			U.S. EPA ID Number <i>AT 757R</i>		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address <i>Hazleton Creek Properties, LLC</i> <i>282 South Church Street</i> <i>Hazleton, PA 18202</i>			U.S. EPA ID Number		
Facility's Phone: <i>Phone: (717) 883-5852</i>					
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. <i>Material for Beneficial Use</i> <i>under permit #WVGR096NE001</i>				<i>EST. 12 Ton</i>	
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information <i>None</i>					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name <i>Ashtley Hastings</i>		Signature <i>Ashtley Hastings</i>		Month Day Year <i>13 21 17</i>	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name <i>Wilson Viegas</i>		Signature <i>Wilson Viegas</i>		Month Day Year <i>03 21 17</i>	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
17b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____					
Facility's Phone: _____					
17c. Signature of Alternate Facility (or Generator) Month Day Year _____					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name <i>Hazleton Creek Properties, LLC</i>		Signature <i>[Signature]</i>		Month Day Year <i>03 21 17</i>	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street
Hazleton PA, 18201
Tel: (570) 501-5050



Ticket Date: 3/21/2017
Scale Operator: 68246

Ticket No: 30052364

Time Out: 2:37 PM

Time in: 2:37 PM

Customer E141
Soil Safe
ATTN: Mr. Jeff Berger
Columbia MD, 21046

Hauler:

Material ID: 400

Vehicle ID#: CTS18

Manifest #: 140189

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight:	82620.00
Tare Weight:	26240.00
Net Weight:	56380.00
(Tons):	28.19

Weighmaster:

License #:

68264

Signature:

Print Name:

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A
5. Generator's Name and Mailing Address PFC Solutions, Inc. 825 Union Blvd West Islip, NY 11795 Tel: 516-551-2560			Generator's Site Address (if different than mailing address) PFC Solutions 825 Union Blvd. West Islip, NY 11795		
Generator's Phone:					
6. Transporter 1 Company Name CTS Group #16			U.S. EPA ID Number AS544U		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Harleton Creek Properties, LLC 202 South Church Street Harleton, PA 18701 Phone: 610-330-8777			U.S. EPA ID Number		
Facility's Phone:					
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit WL/Vol.
		No.	Type		
1. Material for Beneficial Use under permit #W/MGR096NE001				EST. 22 Ton	
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information None					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name Ashley Hastings		Signature Ashley Hastings		Month Day Year 3/21/17	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name P3LO E Lowman		Signature		Month Day Year 03/21/17	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
Manifest Reference Number:					
17b. Alternate Facility (or Generator)			U.S. EPA ID Number		
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)			Month Day Year		
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Harleton Creek Properties, LLC		Signature		Month Day Year 03/21/17	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/21/2017

Ticket No: 30052377

Scale Operator: 79272

Time Out: 4:00 PM

Time in: 4:00 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: VM01

Manifest #: 140188

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 84800.00

Tare Weight: 29980.00

Net Weight: 54820.00

(Tons): 27.41

Weighmaster:

Wilson Varga

License #:

79272

Signature:

Print Name:

[Signature]
[Print Name]

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A		2. Page 1 of 1		3. Emergency Response Phone N/A		4. Waste Tracking Number N/A	
5. Generator's Name and Mailing Address: <i>RTI Solutions, Inc.</i> 425 Union Blvd. West Hemp, NY 11795 Generator's Phone: <i>631.756.3000</i>						Generator's Site Address (if different than mailing address) 425 Eastman 425 Union Blvd. West Hemp, NY 11795			
6. Transporter 1 Company Name <i>V. J. M. Transp. LLC.</i>						U.S. EPA ID Number <i>AT 7114</i>			
7. Transporter 2 Company Name						U.S. EPA ID Number			
8. Designated Facility Name and Site Address <i>Harleton Creek Properties, LLC</i> 232 South Church Street Harleton, PA 18201 Facility's Phone: <i>610.581.5858</i>						U.S. EPA ID Number			
9. Waste Shipping Name and Description						10. Containers		11. Total Quantity	12. Unit Wt./Vol.
						No.	Type		
1.								1 ST. 22 Ton	
Material for Beneficial Use under permit #W/MGR096NE001									
2.									
3.									
4.									
13. Special Handling Instructions and Additional Information None									
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
Generator's/Officer's Printed/Typed Name <i>Ashtey Hastings</i>						Signature <i>Ashtey Hastings</i>		Month Day Year <i>3 21 17</i>	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
16. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name <i>Angles Soto</i>						Signature <i>[Signature]</i>		Month Day Year <i>3 21 17</i>	
Transporter 2 Printed/Typed Name						Signature		Month Day Year	
17. Discrepancy									
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
17b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____									
Facility's Phone: _____									
17c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____									
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a									
Printed/Typed Name <i>Harleton Creek Properties, LLC</i>						Signature <i>U.V.</i>		Month Day Year <i>3 21 17</i>	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/21/2017

Ticket No: 30052385

Scale Operator: 79272

Time Out: 5:30 PM

Time in: 5:31 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: JGS08

Manifest #: 140777

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 86740.00

Tare Weight: 28100.00

Net Weight: 58640.00

(Tons): 29.32

Weighmaster: Wilson Varga

License #: 79272

Signature: _____

Print Name: _____

[Handwritten Signature]
CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>N/A</i>	2. Page 1 of	3. Emergency Response Phone <i>N/A</i>	4. Waste Tracking Number <i>N/A</i>
5. Generator's Name and Mailing Address: <i>DEI Solutions, Inc.</i> <i>425 Union Blvd.</i> <i>West Islip, NY 11795</i>			Generator's Site Address (if different than mailing address) <i>425 Union Blvd.</i> <i>West Islip, NY 11795</i>		
Generator's Phone: <i>1800 637 756 8000</i>			Generator's Site Phone: <i>1800 637 756 8000</i>		
6. Transporter 1 Company Name <i>JGS #8 AS986N</i>			U.S. EPA ID Number		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address <i>Harleton Creek Properties, LLC</i> <i>287 South Church Street</i> <i>Harleton, PA 16801</i>			U.S. EPA ID Number		
Facility's Phone: <i>Phone: 717 301 0000</i>					
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit WL/Vol.
		No.	Type		
1. <i>Material for Beneficial Use</i> <i>under permit #WIMGR096NE001</i>				<i>EST. 12 Ton</i>	
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information <i>None</i>					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name <i>Ashtley Hastings</i>		Signature <i>Ashtley Hastings</i>		Month Day Year <i>3 21 17</i>	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____					
Transporter Signature (for exports only): _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name <i>Luis Ochao</i>		Signature <i>[Signature]</i>		Month Day Year <i>3 21 17</i>	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
17b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____					
Facility's Phone: _____					
17c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name <i>Harleton Creek Properties, LLC</i>		Signature <i>[Signature]</i>		Month Day Year <i>3 21 17</i>	

Hazleton Creek Properties

282 South Church Street
Hazleton PA, 18201
Tel: (570) 501-5050



Ticket Date: 3/21/2017

Ticket No: 30052386

Scale Operator: 79272

Time Out: 5:33 PM

Time in: 5:34 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger
Columbia MD, 21046

Material ID: 400

Vehicle ID#: JGS07

Manifest #: 140778

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 89620.00

Tare Weight: 28700.00

Net Weight: 60920.00

(Tons): 30.46

Weighmaster: Wilson Varga

License #: 79272

Signature: _____

Print Name: _____


CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A
5. Generator's Name and Mailing Address: <i>W.C. Hastings, Inc.</i> <i>425 Union Blvd</i> <i>West Islip, NY 11795</i>		Generator's Site Address (if different than mailing address) <i>425 Union Blvd</i> <i>West Islip, NY 11795</i>		
Generator's Phone: <i>631 796 8000</i>		U.S. EPA ID Number <i>AS633V</i>		
6. Transporter 1 Company Name <i>J. F. S.</i>		U.S. EPA ID Number		
7. Transporter 2 Company Name		U.S. EPA ID Number		
8. Designated Facility Name and Site Address <i>Hazleton Creek Properties, LLC</i> <i>282 South Church Street</i> <i>Hazleton, PA 16801</i>		U.S. EPA ID Number		
Facility's Phone: <i>717 791 4343</i>				
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity
		No.	Type	
1. <i>Material for Beneficial Use</i> <i>under permit #WVWGR096NE001</i>				<i>EST. 22 Tons</i>
2.				
3.				
4.				
13. Special Handling Instructions and Additional Information <i>None</i>				
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.				
Generator's/Officer's Printed/Typed Name <i>Ashley Hastings</i>		Signature <i>Ashley Hastings</i>		Month Day Year <i>3/21/17</i>
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter Signature (for exports only): _____ Date leaving U.S.: _____				
16. Transporter Acknowledgment of Receipt of Materials				
Transporter 1 Printed/Typed Name <i>CESAR B.</i>		Signature <i>[Signature]</i>		Month Day Year <i>3/21/17</i>
Transporter 2 Printed/Typed Name		Signature		Month Day Year
17. Discrepancy				
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection				
Manifest Reference Number: _____				
17b. Alternate Facility (or Generator)		U.S. EPA ID Number		
Facility's Phone: _____				
17c. Signature of Alternate Facility (or Generator)		Month Day Year		
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a				
Printed/Typed Name <i>Hazleton Creek Properties, LLC</i>		Signature <i>W.V.</i>		Month Day Year <i>3/21/17</i>

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/21/2017

Ticket No: 30052390

Scale Operator: 79272

Time Out: 5:43 PM

Time in: 5:43 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: GIANZA03

Manifest #: 140779

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 95520.00

Tare Weight: 27520.00

Net Weight: 68000.00

(Tons): 34.00

Weighmaster: Wilson Vargo

License #: 79272

Signature: _____

Print Name: _____

gund
CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>N/A</i>		2. Page 1 of <i>1</i>		3. Emergency Response Phone <i>N/A</i>		4. Waste Tracking Number <i>N/A</i>		
5. Generator's Name and Mailing Address: <i>WCI Solutions, Inc.</i> <i>425 Union Blvd.</i> <i>West Milb, IN 46179</i> <i>425 Union Blvd.</i> <i>West Milb, NY 11795</i>						Generator's Site Address (if different than mailing address) <i>12315 Eastenders</i> <i>425 Union Blvd.</i> <i>West Milb, NY 11795</i>				
Generator's Phone: <i>416 W4 631 756 8000</i>						U.S. EPA ID Number <i>AS815W</i>				
6. Transporter 1 Company Name <i>German Trucking #3.</i>						U.S. EPA ID Number				
7. Transporter 2 Company Name						U.S. EPA ID Number				
8. Designated Facility Name and Site Address <i>Hazleton Creek Properties, LLC</i> <i>282 South Church Street</i> <i>Hazleton, PA 18201</i>						U.S. EPA ID Number				
Facility's Phone: <i>Phone: (717) 301-9050</i>										
9. Waste Shipping Name and Description						10. Containers		11. Total Quantity	12. Unit WL/Vol.	
						No.	Type			
1.								EST. 22 Ton		
Material for Beneficial Use under permit #WMGR096NE001										
2.										
3.										
4.										
13. Special Handling Instructions and Additional Information <i>None</i>										
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.										
Generator's/Officer's Printed/Typed Name <i>Ashtley Hastings</i>						Signature <i>Ashtley Hastings</i>		Month	Day	Year
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
16. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name <i>German Polache</i>						Signature <i>German Polache</i>		Month	Day	Year
Transporter 2 Printed/Typed Name						Signature		Month	Day	Year
17. Discrepancy										
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection										
17b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____										
Facility's Phone: _____										
17c. Signature of Alternate Facility (or Generator) Month Day Year										
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a										
Printed/Typed Name <i>Hazleton Creek Properties, LLC</i>						Signature <i>W.V.</i>		Month	Day	Year
								3	21	17

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street
Hazleton PA, 18201
Tel: (570) 501-5050



Ticket Date: 3/21/2017

Ticket No: 30052396

Scale Operator: 79272

Time Out: 8:17 PM

Time in: 8:17 PM

Customer E141

Hauler:

Soil Safe
ATTN: Mr. Jeff Berger
Columbia MD, 21046

Material ID: 400

Vehicle ID#: SKALAS03

Manifest #: 140187

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 94580.00

Tare Weight: 26280.00

Net Weight: 68300.00

(Tons): 34.15

Weighmaster: Wilson Vargo

License #: 79272

Signature: _____

Print Name: _____

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A
5. Generator's Name and Mailing Address DCCI Solutions, Inc. 475 Union Blvd. West Islip, NY 11795 Tel: 516-714-5000			Generator's Site Address (if different than mailing address) DCCI Solutions 475 Union Blvd. West Islip, NY 11795		
6. Transporter 1 Company Name Skaha #2			U.S. EPA ID Number A812C		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Hazelton Creek Properties, LLC 282 South Church Street Hazelton, PA 16801 Facility's Phone: 814-338-0870			U.S. EPA ID Number		
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. Material for Beneficial Use under permit #V/MGR096NE001				EST. 12 Ton	
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information None					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name Ashtley Hastings			Signature Ashtley Hastings		Month Day Year 3/21/17
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter Signature (for exports only): _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name phn paho			Signature phn		Month Day Year 3/21/17
Transporter 2 Printed/Typed Name			Signature		Month Day Year
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
Manifest Reference Number: _____					
17b. Alternate Facility (or Generator)			U.S. EPA ID Number		
Facility's Phone: _____					
17c. Signature of Alternate Facility (or Generator) _____ Month Day Year					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Hazelton Creek Properties, LLC			Signature ul-var		Month Day Year 3/21/17

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/21/2017

Ticket No: 30052397

Scale Operator: 79272

Time Out: 8:18 PM

Time in: 8:19 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: SKALAS02

Manifest #: 140781

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 94360.00

Tare Weight: 25440.00

Net Weight: 68920.00

(Tons): 34.46

Weighmaster: Wibron Varga

License #: 79272

Signature: _____

Print Name: _____

Cesar Lilla

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of		3. Emergency Response Phone		4. Waste Tracking Number	
5. Generator's Name and Mailing Address: 825 Union Road Westfield, NY 12194 Generator's Phone: 518-261-2561		Generator's Site Address (if different than mailing address): 125 Union Road Westfield, NY 12194							
		6. Transporter 1 Company Name		U.S. EPA ID Number					
7. Transporter 2 Company Name SKAIAS TRUCKING #2		U.S. EPA ID Number							
		AS823W							
8. Designated Facility Name and Site Address: Hamilton Park Properties, LLC 282 South Church Street Hamilton, NY 12051 Facility's Phone: 518-537-0010		U.S. EPA ID Number							
9. Waste Shipping Name and Description 1. Material for Beneficial Use under permit NYMGR096NE002		10. Containers No. Type		11. Total Quantity		12. Unit Wt./Vol.			
2.									
3.									
4.									
13. Special Handling Instructions and Additional Information None									
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: Date leaving U.S.:		Signature Ashley Hastings		Month Day Year 3 21 17			
16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Cesar A Villa		Signature Cesar Villa		Month Day Year 3 21 17					
Transporter 2 Printed/Typed Name		Signature		Month Day Year					
17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
Manifest Reference Number:									
17b. Alternate Facility (or Generator) Facility's Phone:		U.S. EPA ID Number							
17c. Signature of Alternate Facility (or Generator)								Month Day Year 3 21 17	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a Printed/Typed Name: Hamilton Park Properties, LLC Signature: W.U. Month Day Year: 3 21 17									

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street
Hazleton PA, 18201
Tel: (570) 501-5050



Ticket Date: 3/21/2017
Scale Operator: 79272

Ticket No: 30052398

Time Out: 9:21 PM

Time in: 9:21 PM

Customer E141

Hauler:

Soil Safe
ATTN: Mr. Jeff Berger
Columbia MD, 21046

Material ID: 400

Vehicle ID#: D104

Manifest #: 140770

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight:	93860.00
Tare Weight:	30260.00
Net Weight:	63600.00
(Tons):	31.80

Weighmaster: Wilcox Vargo
License #: 79272

Signature: _____

Print Name: _____

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A		2. Page 1 of 1		3. Emergency Response Phone N/A		4. Waste Tracking Number N/A	
5. Generator's Name and Mailing Address: DCS Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 631.256.8000						Generator's Site Address (if different than mailing address): DCS Fasteners 425 Union Blvd. West Islip, NY 11795			
6. Transporter 1 Company Name D1 Trucking LLC #43 (vega)						U.S. EPA ID Number AT 2936			
7. Transporter 2 Company Name						U.S. EPA ID Number			
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 202 South Church Street Hazleton, PA 18201 Facility's Phone: 610.501.5050						U.S. EPA ID Number			
9. Waste Shipping Name and Description						10. Containers		11. Total Quantity	12. Unit WL/Vol.
						No.	Type		
1. Material for Beneficial Use under permit #WIMGR096NE001								EST. 12 Ton	
2.									
3.									
4.									
13. Special Handling Instructions and Additional Information None									
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
Generator's/Officer's Printed/Typed Name Ashley Hastings						Signature <i>Ashley Hastings</i>		Month Day Year 13 21 17	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:									
16. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name D1 Trucking LLC #43 (vega)						Signature <i>Mario Bedoya</i>		Month Day Year 13 21 17	
Transporter 2 Printed/Typed Name MARINO Bedoya						Signature <i>Mario Bedoya</i>		Month Day Year 13 21 17	
17. Discrepancy									
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
Manifest Reference Number:									
17b. Alternate Facility (or Generator)						U.S. EPA ID Number			
Facility's Phone:									
17c. Signature of Alternate Facility (or Generator)						Month Day Year			
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a									
Printed/Typed Name Hazleton Creek Properties, LLC						Signature <i>WLV</i>		Month Day Year 13 21 17	

DESIGNATED FACILITY TO GENERATOR

Date Range 3/22/2017 to 3/22/2017
Customer Range E141 to E141

Hazleton Creek Properties

3/23/2017
7:09:53 AM

Customer Usage with Detail Summary

Date		Material	Tran #	Manifest #	Truck #	GrossWgt.	Tare Wgt.	Net Wgt.
E141 - Soil Safe								
2017-3-1 - DFCI West Islip								
03/22/17	1:35 AM	Beneficial Use Material	30052401	140774	LOGITECH05	83,580.00	26,200.00	28.69
03/22/17	1:39 AM	Beneficial Use Material	30052402	140773	RLS38	92,060.00	29,140.00	31.46
03/22/17	2:43 AM	Beneficial Use Material	30052403	140772	JID01	91,800.00	26,880.00	32.46
03/22/17	3:39 AM	Beneficial Use Material	30052404	140775	SHIRLEY14	95,120.00	27,540.00	33.79
03/22/17	3:43 AM	Beneficial Use Material	30052405	140197	RLS27	100,580.00	27,400.00	36.59
03/22/17	3:46 AM	Beneficial Use Material	30052406	140195	SHIRLEY21	98,100.00	27,540.00	35.28
03/22/17	3:48 AM	Beneficial Use Material	30052407	140771	JID02	94,440.00	27,120.00	33.66
03/22/17	3:51 AM	Beneficial Use Material	30052408	140196	JID05	94,440.00	27,020.00	33.71
03/22/17	3:56 AM	Beneficial Use Material	30052409	140769	JID08	99,200.00	27,000.00	36.10
03/22/17	3:59 AM	Beneficial Use Material	30052410	140193	JID03	96,400.00	27,060.00	34.67
03/22/17	4:02 AM	Beneficial Use Material	30052411	140194	SHIRLEY06	95,480.00	29,440.00	33.02
03/22/17	4:42 AM	Beneficial Use Material	30052414	140198	RLS13	97,000.00	27,100.00	34.95
03/22/17	5:53 AM	Beneficial Use Material	30052416	140192	VEGA03	93,240.00	26,240.00	33.50
03/22/17	3:38 PM	Beneficial Use Material	30052538	140766	RLS68	75,000.00	27,320.00	23.84
03/22/17	3:41 PM	Beneficial Use Material	30052539	140200	SHIRLEY14	87,720.00	27,540.00	30.09
03/22/17	11:34 PM	Beneficial Use Material	30052600	140768	JID01	90,960.00	26,880.00	32.04
2017-3-1 - DFCI West Islip Totals					Tickets: 16	523.85		
E141 - Soil Safe Totals					Tickets: 16	523.85		
Report Totals					Total Tickets: 16	523.85		

Hazleton Creek Properties

282 South Church Street
Hazleton PA, 18201
Tel: (570) 501-5050



Ticket Date: 3/22/2017
Scale Operator: 81451

Ticket No: 30052401

Time Out: 1:34 AM

Time in: 1:34 AM

Customer E141

Hauler:

Soil Safe
ATTN: Mr. Jeff Berger
Columbia MD, 21046

Material ID: 400

Vehicle ID#: LOGITECH05

Manifest #: 140774

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight:	83580.00
Tare Weight:	26200.00
Net Weight:	57380.00
(Tons):	28.69

Weighmaster:

License #:

81451

Signature:

Print Name:

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A
5. Generator's Name and Mailing Address: Waste Solutions, Inc. 424 Union Blvd. West Islip, NY 11795 Generator's Phone: 831.756.8000			Generator's Site Address (If different than mailing address) 101A Easton Rd. 125 Union Blvd. West Islip, NY 11795		
6. Transporter 1 Company Name LOGITECH AS368X #5				U.S. EPA ID Number	
7. Transporter 2 Company Name				U.S. EPA ID Number	
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 252 South Church Street Hazleton, PA 18201 Facility's Phone: (717) 541-2000				U.S. EPA ID Number	
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. Material for Beneficial Use under permit #VWMGR096NE001				EST	
2. LOGITECH					
3. AS368X #5					
4.					
13. Special Handling Instructions and Additional Information None					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name Asnely Hastings		Signature <i>Asnely Hastings</i>		Month Day Year 13 21 17	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter Signature (for exports only): _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Napoleon Codena		Signature <i>Napoleon Codena</i>		Month Day Year 13 21 17	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
Manifest Reference Number: _____					
17b. Alternate Facility (or Generator)				U.S. EPA ID Number	
Facility's Phone: _____					
17c. Signature of Alternate Facility (or Generator)				Month Day Year	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Hazleton Creek Properties, LLC		Signature <i>[Signature]</i>		Month Day Year 13 21 17	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties



282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050

Ticket Date: 3/22/2017

Ticket No: 30052402

Scale Operator: 81451

Time Out: 1:37 AM

Time in: 1:37 AM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: RLS38

Manifest #: 140773

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 92060.00

Tare Weight: 29140.00

Net Weight: 62920.00

(Tons): 31.46

Weighmaster:

A handwritten signature in black ink, appearing to be 'G. E.', is written over a horizontal line.

License #: 81451

Signature: _____

Print Name: _____

A handwritten signature in black ink is written over a horizontal line. Below the signature, the words 'CUSTOMER COPY' are printed in a bold, sans-serif font.

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A
5. Generator's Name and Mailing Address DFCI Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 631.756.8000			Generator's Site Address (if different than mailing address) DZUS Fasteners 425 Union Blvd. West Islip, NY 11795		
6. Transporter 1 Company Name P.L.S.			U.S. EPA ID Number AT-9806		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 287 South Church Street Hazleton, PA 18202 Facility's Phone: (717) 504-5000			U.S. EPA ID Number		
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt/Vol.
		No.	Type		
1. Material for Beneficial Use under permit #WMGR09GNE001				EST. 22 Ton	
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information None					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name Ashley Hastings		Signature Ashley Hastings		Month 3	Day 21
15. International Shipments ☐ Import to U.S.		☐ Export from U.S.		Port of entry/exit: Date leaving U.S.:	
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name		Signature		Month	Day
Transporter 2 Printed/Typed Name Gale Simone		Signature Gale Simone		Month 3	Day 21
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
17b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number					
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator) Month Day Year					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Hazleton Creek Properties, LLC		Signature		Month 3	Day 22

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/22/2017

Ticket No: 30052403

Scale Operator: 81451

Time Out: 2:42 AM

Time in: 2:42 AM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: JID01

Manifest #: 140772

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 91800.00

Tare Weight: 26880.00

Net Weight: 64920.00

(Tons): 32.46

Weighmaster:

License #:

81451

Signature:

Print Name:

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A
5. Generator's Name and Mailing Address: DECI Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: Lily Wu 631.756.8000			Generator's Site Address (if different than mailing address) DZUS Fasteners 425 Union Blvd. West Islip, NY 11795		
6. Transporter 1 Company Name JID #01			U.S. EPA ID Number A+680D		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 282 South Church Street Hazleton, PA 16801 Facility's Phone: (570) 501-5050			U.S. EPA ID Number		
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit WL/Vol.
		No.	Type		
1. Material for Beneficial Use under permit #WMGR096ME001				EST. 22 Ton	
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information None					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name Ashley Hastings		Signature <i>Ashley Hastings</i>		Month Day Year 13/21/17	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name JID		Signature <i>[Signature]</i>		Month Day Year 03/21/17	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
17b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____					
Facility's Phone: _____					
17c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Hazleton Creek Properties, LLC		Signature <i>[Signature]</i>		Month Day Year 13/23/17	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/22/2017

Ticket No: 30052404

Scale Operator: 81451

Time Out: 3:38 AM

Time in: 3:38 AM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: SHIRLEY14

Manifest #: 140775

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 95120.00

Tare Weight: 27540.00

Net Weight: 67580.00

(Tons): 33.79

Weighmaster: 

License #: 81451

Signature: _____

Print Name: _____


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NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>N/A</i>	2. Page 1 of <i>1</i>	3. Emergency Response Phone <i>N/A</i>	4. Waste Tracking Number <i>N/A</i>
5. Generator's Name and Mailing Address <i>DETI Solutions, Inc.</i> 425 Union Blvd. West Islip, NY 11795 Generator's Phone: <i>1161 756 8800</i>			Generator's Site Address (if different than mailing address) <i>1215 Faceters</i> 425 Union Blvd. West Islip, NY 11795		
6. Transporter 1 Company Name <i>Shirley Express</i>			U.S. EPA ID Number <i>#14 AP752U</i>		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address <i>Hartleton Creek Properties, LLC</i> 282 South Church Street Hartleton, PA 18021 Facility's Phone: <i>(610) 501-6120</i>			U.S. EPA ID Number		
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit WL/Vol.
		No.	Type		
1. Material for Beneficial Use under permit #WVGIR096NE001				EST. 22 Ton	
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information <i>None</i>					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name <i>Ashley Hastings</i>			Signature <i>Ashley Hastings</i>		Month Day Year <i>3/21/17</i>
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name <i>Shirley Express</i>			Signature <i>Christhem Sales</i>		Month Day Year <i>3/21/17</i>
Transporter 2 Printed/Typed Name			Signature		Month Day Year
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
Manifest Reference Number:					
17b. Alternate Facility (or Generator)			U.S. EPA ID Number		
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)			Month Day Year		
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name <i>Hartleton Creek Properties, LLC</i>			Signature <i>[Signature]</i>		Month Day Year <i>3/22/17</i>

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/22/2017

Ticket No: 30052405

Scale Operator: 81451

Time Out: 3:42 AM

Time in: 3:42 AM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: RLS27

Manifest #: 140197

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 100580.00

Tare Weight: 27400.00

Net Weight: 73180.00

(Tons): 36.59

Weighmaster:

License #:

81451

Signature:

Print Name:

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NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A		2. Page 1 of 1		3. Emergency Response Phone N/A		4. Waste Tracking Number N/A	
5. Generator's Name and Mailing Address: DECI Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 631 756 8000						Generator's Site Address (if different than mailing address) OZUS Fasteners 425 Union Blvd. West Islip, NY 11795			
6. Transporter 1 Company Name RLS 22 AT 854J						U.S. EPA ID Number			
7. Transporter 2 Company Name						U.S. EPA ID Number			
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 232 South Church Street Hazleton, PA 18201 Facility's Phone: 570 501-5050						U.S. EPA ID Number			
9. Waste Shipping Name and Description						10. Containers		11. Total Quantity	12. Unit Wt./Vol.
						No.	Type		
1. Material for Beneficial Use under permit #WMGR096NE001								EST. 22 Ton	
2.									
3.									
4.									
13. Special Handling Instructions and Additional Information None									
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
Generator's/Officer's Printed/Typed Name Ashley Hastings						Signature <i>Ashley Hastings</i>		Month Day Year 3 21 17	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter Signature (for exports only): _____ Date leaving U.S.: _____									
16. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Lubs						Signature <i>[Signature]</i>		Month Day Year 3 21 17	
Transporter 2 Printed/Typed Name						Signature		Month Day Year	
17. Discrepancy									
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
Manifest Reference Number: _____									
17b. Alternate Facility (or Generator)						U.S. EPA ID Number			
Facility's Phone: _____									
17c. Signature of Alternate Facility (or Generator)						Month Day Year			
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a									
Printed/Typed Name Hazleton Creek Properties, LLC						Signature <i>[Signature]</i>		Month Day Year 3 22 17	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/22/2017

Ticket No: 30052406

Scale Operator: 81451

Time Out: 3:45 AM

Time in: 3:45 AM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: SHIRLEY21

Manifest #: 140195

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 98100.00

Tare Weight: 27540.00

Net Weight: 70560.00

(Tons): 35.28

Weighmaster:

License #:

81451

Signature:

Print Name:

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A
5. Generator's Name and Mailing Address DFCI Solutions, Inc. 425 Union Blvd West Islip, NY 11795 Generator's Phone: 631 756 8000			Generator's Site Address (if different than mailing address) DZUS Fasteners 425 Union Blvd. West Islip, NY 11795		
6. Transporter 1 Company Name <i>Shirley Ennes LLC</i>			U.S. EPA ID Number <i>AS837 B</i>		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Hazleton Creek Properties LLC 282 South Church Street Hazleton, PA 18201 Facility's Phone: (570) 501-5050			U.S. EPA ID Number		
GENERATOR	9. Waste Shipping Name and Description		10. Containers		11. Total Quantity
			No.	Type	12. Unit WL/Vol.
	1. Material for Beneficial Use under permit #WWMGR09GNE001				EST. 12 Ton
	2.				
	3.				
4.					
13. Special Handling Instructions and Additional Information None					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name <i>Ashley Hastings</i>			Signature <i>Ashley Hastings</i>		Month Day Year <i>3 21 17</i>
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name <i>Tara Harris</i>			Signature <i>Tara Harris</i>		Month Day Year <i>3 21 17</i>
Transporter 2 Printed/Typed Name			Signature		Month Day Year
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
17b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number					
17c. Signature of Alternate Facility (or Generator) Month Day Year					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Hazleton Creek Properties, LLC			Signature <i>[Signature]</i>		Month Day Year <i>3 22 17</i>

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/22/2017

Ticket No: 30052407

Scale Operator: 81451

Time Out: 3:47 AM

Time in: 3:47 AM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: JID02

Manifest #: 140771

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 94440.00

Tare Weight: 27120.00

Net Weight: 67320.00

(Tons): 33.66

Weighmaster:

License #:

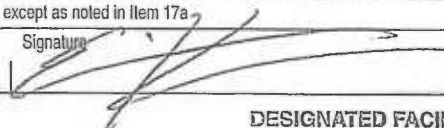
81451

Signature:

Print Name:

CUSTOMER COPY

140771

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A
5. Generator's Name and Mailing Address DFCI Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 1161 756 8000			Generator's Site Address (if different than mailing address) DZUS Fasteners 425 Union Blvd. West Islip, NY 11795		
6. Transporter 1 Company Name				U.S. EPA ID Number	
7. Transporter 2 Company Name TID-02				U.S. EPA ID Number AT465M	
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 182 South Church Street Hazleton, PA 18201 Facility's Phone: 717 371-5050				U.S. EPA ID Number	
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit WL/Vol.
		No.	Type		
1. Material for Beneficial Use under permit #WWMGR096NE001				151.22	ton
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information None					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name Ashley Hastings		Signature 		Month Day Year 13 12 17	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name TID-02		Signature 		Month Day Year / /	
Transporter 2 Printed/Typed Name		Signature		Month Day Year / /	
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
Manifest Reference Number:					
17b. Alternate Facility (or Generator)				U.S. EPA ID Number	
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator)				Month Day Year / /	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Hazleton Creek Properties, LLC		Signature 		Month Day Year 13 12 17	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/22/2017

Ticket No: 30052408

Scale Operator: 81451

Time Out: 3:50 AM

Time in: 3:50 AM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: JID05

Manifest #: 140196

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 94440.00

Tare Weight: 27020.00

Net Weight: 67420.00

(Tons): 33.71

Weighmaster:

License #:

81451

Signature:

Print Name:

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A	
5. Generator's Name and Mailing Address: DFL Solutions, Inc 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 631.756.8000				Generator's Site Address (if different than mailing address) 425 Union Blvd. West Islip, NY 11795		
6. Transporter 1 Company Name J I D Transportation				U.S. EPA ID Number ASBRY HOS		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 282 South Church Street Hazleton, PA 18101 Facility's Phone: 610.709.8010				U.S. EPA ID Number		
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit WL/Vol.	
		No.	Type			
1. Material for Beneficial Use under permit #WMGR096NE001				EST.	12 Ton	
2.						
3.						
4.						
13. Special Handling Instructions and Additional Information None						
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Generator's/Officer's Printed/Typed Name Ashley Hastings				Signature <i>Ashley Hastings</i>		Month Day Year 3 21 17
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter Signature (for exports only): _____ Date leaving U.S.: _____						
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Sale L.				Signature <i>[Signature]</i>		Month Day Year 3 21 17
Transporter 2 Printed/Typed Name				Signature		Month Day Year
17. Discrepancy						
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
Manifest Reference Number:						
17b. Alternate Facility (or Generator)				U.S. EPA ID Number		
Facility's Phone:						
17c. Signature of Alternate Facility (or Generator)				Month Day Year		
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name Hazleton Creek Properties, LLC				Signature <i>[Signature]</i>		Month Day Year 3 22 17

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/22/2017

Ticket No: 30052409

Scale Operator: 81451

Time Out: 3:55 AM

Time in: 3:55 AM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: JID08

Manifest #: 140769

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 99200.00

Tare Weight: 27000.00

Net Weight: 72200.00

(Tons): 36.10

Weighmaster:

License #:

81451

Signature:

Print Name:

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A
5. Generator's Name and Mailing Address: DFCI Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 516 Wt. 631.756.8000			Generator's Site Address (if different than mailing address) DZUS Fasteners 425 Union Blvd. West Islip, NY 11795		
6. Transporter 1 Company Name				U.S. EPA ID Number	
7. Transporter 2 Company Name <i>SLD Transport</i>				U.S. EPA ID Number <i>#8</i>	
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 282 South Church Street Hazleton, PA 18201 Facility's Phone: (570) 504-5050				U.S. EPA ID Number	
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit WL/Vol.
		No.	Type		
1. Material for Beneficial Use under permit #WMGR096NE001				EST. 22 Ton	
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information None					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste. Generator's/Officer's Printed/Typed Name: <i>Ashley Hastings</i> Signature: <i>Ashley Hastings</i> Month: <i>13</i> Day: <i>21</i> Year: <i>17</i>					
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <i>Ise1</i> Signature: <i>[Signature]</i> Month: _____ Day: _____ Year: _____ Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____					
17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Manifest Reference Number: _____ U.S. EPA ID Number: _____ 17b. Alternate Facility (or Generator) _____ U.S. EPA ID Number: _____ Facility's Phone: _____ 17c. Signature of Alternate Facility (or Generator) _____ Month: _____ Day: _____ Year: _____					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a Printed/Typed Name: Hazleton Creek Properties, LLC Signature: <i>[Signature]</i> Month: <i>13</i> Day: <i>22</i> Year: <i>17</i>					

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/22/2017

Ticket No: 30052410

Scale Operator: 81451

Time Out: 3:58 AM

Time in: 3:58 AM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: JID03

Manifest #: 140193

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 96400.00

Tare Weight: 27060.00

Net Weight: 69340.00

(Tons): 34.67

Weighmaster:

License #:

81451

Signature:

Print Name:

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A		2. Page 1 of 1		3. Emergency Response Phone N/A		4. Waste Tracking Number N/A	
5. Generator's Name and Mailing Address: DECI Solutions, Inc. 425 Union Blvd West Islip, NY 11795 Generator's Phone: 116 Wn 631 756 8000						Generator's Site Address (if different than mailing address) 1215 Eastman 425 Union Blvd. West Islip, NY 11795			
6. Transporter 1 Company Name: SID #03-AS816Y						U.S. EPA ID Number			
7. Transporter 2 Company Name						U.S. EPA ID Number			
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 282 South Church Street Hazleton, PA 18201 Facility's Phone: Phone: (717) 501-5050						U.S. EPA ID Number			
9. Waste Shipping Name and Description						10. Containers		11. Total Quantity	12. Unit WL/Vol.
						No.	Type		
1. Material for Beneficial Use under permit #WWMGR096NE001								EST. 22 Ton	
2.									
3.									
4.									
13. Special Handling Instructions and Additional Information None									
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
Generator's/Officer's Printed/Typed Name: Ashtley Hastings						Signature: <i>Ashtley Hastings</i>		Month Day Year: 13 01 17	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
16. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name: Luis D						Signature: <i>[Signature]</i>		Month Day Year: 13 21 17	
Transporter 2 Printed/Typed Name						Signature		Month Day Year	
17. Discrepancy									
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
17b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number									
17c. Signature of Alternate Facility (or Generator) _____ Month Day Year									
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a									
Printed/Typed Name: Hazleton Creek Properties, LLC						Signature: <i>[Signature]</i>		Month Day Year: 13 22 17	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/22/2017

Ticket No: 30052411

Scale Operator: 81451

Time Out: 4:01 AM

Time in: 4:01 AM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: SHIRLEY06

Manifest #: 140194

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 95480.00

Tare Weight: 29440.00

Net Weight: 66040.00

(Tons): 33.02

Weighmaster:

License #:

81451

Signature:

Print Name:

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A		2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A		
5. Generator's Name and Mailing Address: DFC Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 631.756.8000					Generator's Site Address (if different than mailing address) 0215 Eastman 425 Union Blvd. West Islip, NY 11795			
6. Transporter 1 Company Name <i>Shirley Express</i>					U.S. EPA ID Number <i>Hillside N.S.</i>			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Designated Facility Name and Site Address <i>Hazleton Creek Properties, LLC</i> 282 South Church Street Hazleton, PA 18201 Facility's Phone: 610.414.0050					U.S. EPA ID Number			
GENERATOR	9. Waste Shipping Name and Description				10. Containers		11. Total Quantity	12. Unit WL/Vol.
					No.	Type		
	1.	Material for Beneficial Use under permit #WMGR096NE001						EST. 12 Ton
	2.							
	3.							
4.								
13. Special Handling Instructions and Additional Information None								
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.								
Generator's/Officer's Printed/Typed Name <i>Ashley Hastings</i>					Signature <i>Ashley Hastings</i>		Month Day Year <i>3/21/17</i>	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter Signature (for exports only): _____ Date leaving U.S.: _____								
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name <i>Shirley Express</i>					Signature <i>Fawcett</i>		
Transporter 2 Printed/Typed Name					Signature		Month Day Year	
DESIGNATED FACILITY	17. Discrepancy							
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection							
	17b. Alternate Facility (or Generator) Facility's Phone: _____							
17c. Signature of Alternate Facility (or Generator)							Month Day Year	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a								
Printed/Typed Name <i>Hazleton Creek Properties, LLC</i>					Signature <i>[Signature]</i>		Month Day Year <i>3/22/17</i>	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties



282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050

Ticket Date: 3/22/2017

Ticket No: 30052414

Scale Operator: 81451

Time Out: 4:41 AM

Time in: 4:41 AM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: RLS13

Manifest #: 140198

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 97000.00

Tare Weight: 27100.00

Net Weight: 69900.00

(Tons): 34.95

Weighmaster:

License #:

81451

Signature:

Print Name:

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A
5. Generator's Name and Mailing Address: DCL Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 631.756.0000			Generator's Site Address (if different than mailing address) DCL Fasteners 425 Union Blvd. West Islip, NY 11795		
6. Transporter 1 Company Name R.L-S transportation			U.S. EPA ID Number 13-AS487Z		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 282 South Church Street Hazleton, PA 18201 Facility's Phone: 610.781.0010			U.S. EPA ID Number		
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit WL/Vol.
		No.	Type		
1. Material for Beneficial Use under permit #WMGR096NE001				EST.	22 Ton
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information None					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name Ashtey Hastings		Signature <i>Ashtey Hastings</i>		Month Day Year 3 21 17	
DCL Solutions, Inc. (for authorized agent)					
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter Signature (for exports only): _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name R.L-S transportation NJ 04088		Signature Julio Rivera		Month Day Year 3 21 17	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
Manifest Reference Number: _____					
17b. Alternate Facility (or Generator) U.S. EPA ID Number					
Facility's Phone: _____					
17c. Signature of Alternate Facility (or Generator) Month Day Year					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Hazleton Creek Properties, LLC		Signature <i>[Signature]</i>		Month Day Year 3 22 17	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/22/2017

Ticket No: 30052416

Scale Operator: 81451

Time Out: 5:51 AM

Time in: 5:52 AM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: VEGA03

Manifest #: 140192

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 93240.00

Tare Weight: 26240.00

Net Weight: 67000.00

(Tons): 33.50

Weighmaster:

License #:

81451

Signature:

Print Name:

CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A		2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A	
5. Generator's Name and Mailing Address: DFCI Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 631.756.8000				Generator's Site Address (if different than mailing address) 425 Union Blvd. West Islip, NY 11795			
6. Transporter 1 Company Name D1 (VE6A)				D1#3		U.S. EPA ID Number AT133F	
7. Transporter 2 Company Name						U.S. EPA ID Number	
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 282 South Church Street Hazleton, PA 18201 Facility's Phone: (610) 501-5000						U.S. EPA ID Number	
9. Waste Shipping Name and Description				10. Containers		11. Total Quantity	12. Unit Wt./Vol.
				No.	Type		
1. Material for Beneficial Use under permit #WMGR095NE001						EST. 22 Ton	
2.							
3.							
4.							
13. Special Handling Instructions and Additional Information None							
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.							
Generator's/Officer's Printed/Typed Name Ashley Hastings				Signature Ashley Hastings		Month Day Year 13 01 17	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
16. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Bedoya Tiborrio				Signature		Month Day Year 13 02 17	
Transporter 2 Printed/Typed Name				Signature		Month Day Year 13 02 17	
17. Discrepancy							
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection							
Manifest Reference Number: _____							
17b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone: _____							
17c. Signature of Alternate Facility (or Generator) _____ Month Day Year							
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a							
Printed/Typed Name Hazleton Creek Properties, LLC				Signature		Month Day Year 13 02 17	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/22/2017

Ticket No: 30052538

Scale Operator: 74455

Time Out: 3:38 PM

Time in: 3:38 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: RLS68

Manifest #: 140766

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 75000.00

Tare Weight: 27320.00

Net Weight: 47680.00

(Tons): 23.84

Weighmaster:

And Savadge

License #:

74455

Signature: _____

Print Name: _____

[Signature]
CUSTOMER COPY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A		2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A	
5. Generator's Name and Mailing Address: DECI Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 631.756.8000				Generator's Site Address (if different than mailing address) DECI Fasteners 425 Union Blvd. West Islip, NY 11795			
6. Transporter 1 Company Name RLS 68 A58067				U.S. EPA ID Number			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 282 South Church Street Hazleton, PA 18201 Facility's Phone: 610.579.0000				U.S. EPA ID Number			
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit WL/Vol.		
		No.	Type				
1. Material for Beneficial Use under permit #WIMGR096NE001				EST. 22.1			
2.							
3.							
4.							
13. Special Handling Instructions and Additional Information None							
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.							
Generator's/Officer's Printed/Typed Name Ashtley Hastings				Signature <i>Ashtley Hastings</i>		Month Day Year 3 22 17	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
16. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name RLS				Signature <i>[Signature]</i>		Month Day Year 3 22 17	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
17. Discrepancy							
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection							
Manifest Reference Number: _____							
17b. Alternate Facility (or Generator)				U.S. EPA ID Number			
Facility's Phone: _____							
17c. Signature of Alternate Facility (or Generator)				Month Day Year			
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a							
Printed/Typed Name Hazleton Creek Properties, LLC				Signature <i>[Signature]</i>		Month Day Year 3 22 17	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/22/2017

Ticket No: 30052539

Scale Operator: 74455

Time Out: 3:40 PM

Time in: 3:40 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: SHIRLEY14

Manifest #: 140200

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 87720.00

Tare Weight: 27540.00

Net Weight: 60180.00

(Tons): 30.09

Weighmaster:

Fred Savadge

License #:

74455

Signature:

Print Name:

Christina 14
CUSTOMER SIGNATURE

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A		2. Page 1 of 1		3. Emergency Response Phone N/A		4. Waste Tracking Number N/A	
5. Generator's Name and Mailing Address DECI Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 631.756.8000						Generator's Site Address (if different than mailing address) DZUS Fasteners 425 Union Blvd. West Islip, NY 11795			
6. Transporter 1 Company Name <i>Shirley Express</i>						U.S. EPA ID Number			
7. Transporter 2 Company Name						U.S. EPA ID Number			
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 282 South Church Street Hazleton, PA 18201 Facility's Phone: (717) 501-5050						U.S. EPA ID Number			
9. Waste Shipping Name and Description						10. Containers		11. Total Quantity	12. Unit Wt./Vol.
						No.	Type		
1. Material for Beneficial Use under permit #WVWGR09GNE001								EST.	12 Ton
2.									
3.									
4.									
13. Special Handling Instructions and Additional Information None									
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
Generator's/Officer's Printed/Typed Name <i>Ashley Hastings</i>						Signature <i>Ashley Hastings</i>		Month Day Year <i>13 22 17</i>	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter Signature (for exports only): _____ Date leaving U.S.: _____									
16. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name <i>Christian Satus</i>						Signature <i>Christian Satus</i>		Month Day Year <i>13 22 17</i>	
Transporter 2 Printed/Typed Name						Signature		Month Day Year	
17. Discrepancy									
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
17b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____									
17c. Signature of Alternate Facility (or Generator) Month Day Year									
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a									
Printed/Typed Name Hazleton Creek Properties, LLC						Signature <i>W.V.</i>		Month Day Year <i>13 22 17</i>	

DESIGNATED FACILITY TO GENERATOR

Hazleton Creek Properties

282 South Church Street

Hazleton PA, 18201

Tel: (570) 501-5050



Ticket Date: 3/22/2017

Ticket No: 30052600

Scale Operator: 81451

Time Out: 11:33 PM

Time in: 11:33 PM

Customer E141

Hauler:

Soil Safe

ATTN: Mr. Jeff Berger

Columbia MD, 21046

Material ID: 400

Vehicle ID#: JID01

Manifest #: 140768

Plate #:

Order #: 2017-3-1

Order Descr: DFCI West Islip

Gross Weight: 90960.00

Tare Weight: 26880.00

Net Weight: 64080.00

(Tons): 32.04

Weighmaster:

License #:

81451

Signature:

Print Name:

CUSTOMER COPY



NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number N/A	2. Page 1 of 1	3. Emergency Response Phone N/A	4. Waste Tracking Number N/A
5. Generator's Name and Mailing Address: JH Solutions, Inc. 425 Union Blvd. West Islip, NY 11795 Generator's Phone: 631.756.8000			Generator's Site Address (if different than mailing address) DZUS Fasteners 425 Union Blvd. West Islip, NY 11795		
6. Transporter 1 Company Name JID #01			U.S. EPA ID Number A7680D		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address Hazleton Creek Properties, LLC 282 South Church Street Hazleton, PA 18201 Facility's Phone: 610.781.8010			U.S. EPA ID Number		
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. Material for Beneficial Use under permit JWMGR096NE001				EST. 22 Ton	
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information None					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name Ashley Hastings			Signature Ashley Hastings		Month Day Year 3 22 17
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Didier			Signature [Signature]		Month Day Year 03 22 17
Transporter 2 Printed/Typed Name			Signature		Month Day Year
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
17b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____					
Facility's Phone: _____					
17c. Signature of Alternate Facility (or Generator) _____ Month Day Year					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Hazleton Creek Properties, LLC			Signature [Signature]		Month Day Year

DESIGNATED FACILITY TO GENERATOR

ATTACHMENT #4

ENDPOINT SAMPLING LABORATORY DATA EXCERPTS



Wednesday, June 28, 2017

Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Project ID: DFCI1701
Sample ID#s: BX39244 - BX39264

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



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Tel. (860) 645-1102 Fax (860) 645-0823



**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: H2M Architects and Engineers

Project: DFCI1701

Laboratory Project: GBX39244



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NY Analytical Services Protocol Format

June 28, 2017

SDG I.D.: GBX39244

H2M Architects and Engineers DFCI1701

Methodology Summary

Hexavalent Chromium in Soils

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update III, Alkaline Digestion Method 3060A and Colorimetric method 7196A.

Mercury Prep

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 7471B.

Metals

ICP :

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 6010C.

Mercury:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7471

Waste Characterization Parameters

pH, Flashpoint, Reactive Sulfide, Reactive Cyanide, USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed., Method 9045D, 1010, 7.3,.

BTU - ASTM D-240.

Specific Gravity : Standard Methods 2710F.



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SDG I.D.: GBX39244

H2M Architects and Engineers DFCI1701

Sample Id Cross Reference

Client Id	Lab Id	Matrix
KEROSENE SW W	BX39244	SOIL
KEROSENE SW N	BX39245	SOIL
SB-46/47 W	BX39246	SOIL
SUMP-SW-E	BX39247	SOIL
H.T. ENTRANCE	BX39248	SOIL
SB-22/18/19/N1	BX39249	SOIL
SB-22/18/19/N2	BX39250	SOIL
SB-22/18/19/N3	BX39251	SOIL
SB-22/18/19/N4	BX39252	SOIL
SB-22/18/19/N5	BX39253	SOIL
SB-22/18/19-S1	BX39254	SOIL
SB-38 BOTTOM	BX39255	SOIL
SB-38-S	BX39256	SOIL
SB-38-E	BX39257	SOIL
SB-38-W	BX39258	SOIL
SB-46/47-S1	BX39259	SOIL
SB-46/47-S2	BX39260	SOIL
SB-46/47-N1	BX39261	SOIL
SB-46/47-N2	BX39262	SOIL
SB-46/47-E	BX39263	SOIL
SB-46/47-BOTTOM	BX39264	SOIL



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NY Analytical Services Protocol Format

June 28, 2017

SDG I.D.: GBX39244

H2M Architects and Engineers DFCI1701

Laboratory Chronicle

The samples in this delivery group were received at 4°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
BX39244	Arsenic	01/20/17	01/26/17	01/27/17	TH	Y
BX39244	Barium	01/20/17	01/26/17	01/27/17	TH	Y
BX39244	Cadmium	01/20/17	01/26/17	01/27/17	TH	Y
BX39244	Chromium	01/20/17	01/26/17	01/27/17	TH	Y
BX39244	Lead	01/20/17	01/26/17	01/27/17	TH	Y
BX39244	Mercury	01/20/17	01/27/17	01/27/17	RS	Y
BX39244	Percent Solid	01/20/17	01/26/17	01/26/17	Q	Y
BX39244	Selenium	01/20/17	01/26/17	01/27/17	TH	Y
BX39244	Silver	01/20/17	01/26/17	01/27/17	TH	Y
BX39245	Arsenic	01/20/17	01/26/17	01/27/17	TH	Y
BX39245	Barium	01/20/17	01/26/17	01/27/17	TH	Y
BX39245	Cadmium	01/20/17	01/26/17	01/27/17	TH	Y
BX39245	Chromium	01/20/17	01/26/17	01/27/17	TH	Y
BX39245	Lead	01/20/17	01/26/17	01/27/17	TH	Y
BX39245	Mercury	01/20/17	01/27/17	01/27/17	RS	Y
BX39245	Percent Solid	01/20/17	01/26/17	01/26/17	Q	Y
BX39245	Selenium	01/20/17	01/26/17	01/27/17	TH	Y
BX39245	Silver	01/20/17	01/26/17	01/27/17	TH	Y
BX39246	Arsenic	01/23/17	01/26/17	01/27/17	TH	Y
BX39246	Barium	01/23/17	01/26/17	01/27/17	TH	Y
BX39246	Cadmium	01/23/17	01/26/17	01/27/17	TH	Y
BX39246	Chromium	01/23/17	01/26/17	01/27/17	TH	Y
BX39246	Lead	01/23/17	01/26/17	01/27/17	TH	Y
BX39246	Mercury	01/23/17	01/27/17	01/27/17	RS	Y
BX39246	Percent Solid	01/23/17	01/26/17	01/26/17	Q	Y
BX39246	Selenium	01/23/17	01/26/17	01/27/17	TH	Y
BX39246	Silver	01/23/17	01/26/17	01/27/17	TH	Y
BX39247	Arsenic	01/23/17	01/26/17	01/27/17	TH	Y
BX39247	Barium	01/23/17	01/26/17	01/27/17	TH	Y
BX39247	Cadmium	01/23/17	01/26/17	01/27/17	TH	Y
BX39247	Chromium	01/23/17	01/26/17	01/27/17	TH	Y
BX39247	Lead	01/23/17	01/26/17	01/27/17	TH	Y



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SDG I.D.: GBX39244

H2M Architects and Engineers DFCI1701

BX39247	Mercury	01/23/17	01/27/17	01/27/17	RS	Y
BX39247	Percent Solid	01/23/17	01/26/17	01/26/17	Q	Y
BX39247	Selenium	01/23/17	01/26/17	01/27/17	TH	Y
BX39247	Silver	01/23/17	01/26/17	01/27/17	TH	Y
BX39248	Arsenic	01/23/17	01/26/17	01/27/17	TH	Y
BX39248	Barium	01/23/17	01/26/17	01/27/17	TH	Y
BX39248	Cadmium	01/23/17	01/26/17	01/27/17	TH	Y
BX39248	Chromium	01/23/17	01/26/17	01/27/17	TH	Y
BX39248	Lead	01/23/17	01/26/17	01/27/17	TH	Y
BX39248	Mercury	01/23/17	01/27/17	01/27/17	RS	Y
BX39248	Percent Solid	01/23/17	01/26/17	01/26/17	Q	Y
BX39248	Selenium	01/23/17	01/26/17	01/27/17	TH	Y
BX39248	Silver	01/23/17	01/26/17	01/27/17	TH	Y
BX39249	Arsenic	01/24/17	01/26/17	01/27/17	TH	Y
BX39249	Barium	01/24/17	01/26/17	01/27/17	TH	Y
BX39249	Cadmium	01/24/17	01/26/17	01/27/17	TH	Y
BX39249	Chromium	01/24/17	01/26/17	01/27/17	TH	Y
BX39249	Lead	01/24/17	01/26/17	01/27/17	TH	Y
BX39249	Mercury	01/24/17	01/27/17	01/27/17	RS	Y
BX39249	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39249	Selenium	01/24/17	01/26/17	01/27/17	TH	Y
BX39249	Silver	01/24/17	01/26/17	01/27/17	TH	Y
BX39250	Arsenic	01/24/17	01/26/17	01/27/17	TH	Y
BX39250	Barium	01/24/17	01/26/17	01/27/17	TH	Y
BX39250	Cadmium	01/24/17	01/26/17	01/27/17	TH	Y
BX39250	Chromium	01/24/17	01/26/17	01/27/17	TH	Y
BX39250	Lead	01/24/17	01/26/17	01/27/17	TH	Y
BX39250	Mercury	01/24/17	01/27/17	01/27/17	RS	Y
BX39250	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39250	Selenium	01/24/17	01/26/17	01/27/17	TH	Y
BX39250	Silver	01/24/17	01/26/17	01/27/17	TH	Y
BX39251	Arsenic	01/24/17	01/26/17	01/27/17	TH	Y
BX39251	Barium	01/24/17	01/26/17	01/27/17	TH	Y
BX39251	Cadmium	01/24/17	01/26/17	01/27/17	TH	Y
BX39251	Chromium	01/24/17	01/26/17	01/27/17	TH	Y
BX39251	Lead	01/24/17	01/26/17	01/27/17	TH	Y
BX39251	Mercury	01/24/17	01/27/17	01/27/17	RS	Y



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SDG I.D.: GBX39244

H2M Architects and Engineers DFCI1701

BX39251	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39251	Selenium	01/24/17	01/26/17	01/27/17	TH	Y
BX39251	Silver	01/24/17	01/26/17	01/27/17	TH	Y
BX39252	Arsenic	01/24/17	01/26/17	01/27/17	TH	Y
BX39252	Barium	01/24/17	01/26/17	01/27/17	TH	Y
BX39252	Cadmium	01/24/17	01/26/17	01/27/17	TH	Y
BX39252	Chromium	01/24/17	01/26/17	01/27/17	TH	Y
BX39252	Lead	01/24/17	01/26/17	01/27/17	TH	Y
BX39252	Mercury	01/24/17	01/27/17	01/27/17	RS	Y
BX39252	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39252	Selenium	01/24/17	01/26/17	01/27/17	TH	Y
BX39252	Silver	01/24/17	01/26/17	01/27/17	TH	Y
BX39253	Arsenic	01/24/17	01/26/17	01/27/17	TH	Y
BX39253	Barium	01/24/17	01/26/17	01/27/17	TH	Y
BX39253	Cadmium	01/24/17	01/26/17	01/27/17	TH	Y
BX39253	Chromium	01/24/17	01/26/17	01/27/17	TH	Y
BX39253	Client MS/MSD	01/24/17	01/27/17	01/27/17		Y
BX39253	Lead	01/24/17	01/26/17	01/27/17	TH	Y
BX39253	Mercury	01/24/17	01/27/17	01/27/17	RS	Y
BX39253	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39253	Selenium	01/24/17	01/26/17	01/27/17	TH	Y
BX39253	Silver	01/24/17	01/26/17	01/27/17	TH	Y
BX39254	Arsenic	01/24/17	01/26/17	01/27/17	TH	Y
BX39254	Barium	01/24/17	01/26/17	01/27/17	TH	Y
BX39254	Cadmium	01/24/17	01/26/17	01/27/17	TH	Y
BX39254	Chromium	01/24/17	01/26/17	01/27/17	TH	Y
BX39254	Lead	01/24/17	01/26/17	01/27/17	TH	Y
BX39254	Mercury	01/24/17	01/27/17	01/27/17	RS	Y
BX39254	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39254	Selenium	01/24/17	01/26/17	01/27/17	TH	Y
BX39254	Silver	01/24/17	01/26/17	01/27/17	TH	Y
BX39255	Arsenic	01/19/17	01/26/17	01/27/17	TH	Y
BX39255	Barium	01/19/17	01/26/17	01/27/17	TH	Y
BX39255	Cadmium	01/19/17	01/26/17	01/27/17	TH	Y
BX39255	Chromium	01/19/17	01/26/17	01/27/17	TH	Y
BX39255	Chromium, Hex. (SW3060 digestion)	01/19/17	01/30/17	01/30/17	KH	Y
BX39255	Lead	01/19/17	01/26/17	01/27/17	TH	Y



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June 28, 2017

SDG I.D.: GBX39244

H2M Architects and Engineers DFCI1701

BX39255	Mercury	01/19/17	01/27/17	01/27/17	RS	Y
BX39255	Percent Solid	01/19/17	01/26/17	01/26/17	Q	Y
BX39255	pH at 25C - Soil	01/19/17	01/27/17	01/27/17	O	Y
BX39255	Redox Potential	01/19/17	01/27/17	01/27/17	O	Y
BX39255	Selenium	01/19/17	01/26/17	01/27/17	TH	Y
BX39255	Silver	01/19/17	01/26/17	01/27/17	TH	Y
BX39256	Arsenic	01/19/17	01/26/17	01/27/17	TH	Y
BX39256	Barium	01/19/17	01/26/17	01/27/17	TH	Y
BX39256	Cadmium	01/19/17	01/26/17	01/27/17	TH	Y
BX39256	Chromium	01/19/17	01/26/17	01/27/17	TH	Y
BX39256	Lead	01/19/17	01/26/17	01/27/17	TH	Y
BX39256	Mercury	01/19/17	01/27/17	01/27/17	RS	Y
BX39256	Percent Solid	01/19/17	01/26/17	01/26/17	Q	Y
BX39256	Selenium	01/19/17	01/26/17	01/27/17	TH	Y
BX39256	Silver	01/19/17	01/26/17	01/27/17	TH	Y
BX39257	Arsenic	01/19/17	01/26/17	01/27/17	TH	Y
BX39257	Barium	01/19/17	01/26/17	01/27/17	TH	Y
BX39257	Cadmium	01/19/17	01/26/17	01/27/17	TH	Y
BX39257	Chromium	01/19/17	01/26/17	01/27/17	TH	Y
BX39257	Lead	01/19/17	01/26/17	01/27/17	TH	Y
BX39257	Mercury	01/19/17	01/27/17	01/27/17	RS	Y
BX39257	Percent Solid	01/19/17	01/26/17	01/26/17	Q	Y
BX39257	Selenium	01/19/17	01/26/17	01/27/17	TH	Y
BX39257	Silver	01/19/17	01/26/17	01/27/17	TH	Y
BX39258	Arsenic	01/19/17	01/26/17	01/27/17	TH	Y
BX39258	Barium	01/19/17	01/26/17	01/27/17	TH	Y
BX39258	Cadmium	01/19/17	01/26/17	01/27/17	TH	Y
BX39258	Chromium	01/19/17	01/26/17	01/27/17	TH	Y
BX39258	Lead	01/19/17	01/26/17	01/27/17	TH	Y
BX39258	Mercury	01/19/17	01/27/17	01/27/17	RS	Y
BX39258	Percent Solid	01/19/17	01/26/17	01/26/17	Q	Y
BX39258	Selenium	01/19/17	01/26/17	01/27/17	TH	Y
BX39258	Silver	01/19/17	01/26/17	01/27/17	TH	Y
BX39259	Arsenic	01/20/17	01/26/17	01/27/17	TH	Y
BX39259	Barium	01/20/17	01/26/17	01/27/17	TH	Y
BX39259	Cadmium	01/20/17	01/26/17	01/27/17	TH	Y
BX39259	Chromium	01/20/17	01/26/17	01/27/17	TH	Y



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June 28, 2017

SDG I.D.: GBX39244

H2M Architects and Engineers DFCI1701

BX39259	Lead	01/20/17	01/26/17	01/27/17	TH	Y
BX39259	Mercury	01/20/17	01/27/17	01/27/17	RS	Y
BX39259	Percent Solid	01/20/17	01/26/17	01/26/17	Q	Y
BX39259	Selenium	01/20/17	01/26/17	01/27/17	TH	Y
BX39259	Silver	01/20/17	01/26/17	01/27/17	TH	Y
BX39260	Arsenic	01/20/17	01/26/17	01/27/17	TH	Y
BX39260	Barium	01/20/17	01/26/17	01/27/17	TH	Y
BX39260	Cadmium	01/20/17	01/26/17	01/27/17	TH	Y
BX39260	Chromium	01/20/17	01/26/17	01/27/17	TH	Y
BX39260	Lead	01/20/17	01/26/17	01/27/17	TH	Y
BX39260	Mercury	01/20/17	01/27/17	01/27/17	RS	Y
BX39260	Percent Solid	01/20/17	01/26/17	01/26/17	Q	Y
BX39260	Selenium	01/20/17	01/26/17	01/27/17	TH	Y
BX39260	Silver	01/20/17	01/26/17	01/27/17	TH	Y
BX39261	Arsenic	01/20/17	01/26/17	01/30/17	LK	Y
BX39261	Barium	01/20/17	01/26/17	01/30/17	LK	Y
BX39261	Cadmium	01/20/17	01/26/17	01/30/17	LK	Y
BX39261	Chromium	01/20/17	01/26/17	01/30/17	LK	Y
BX39261	Lead	01/20/17	01/26/17	01/30/17	LK	Y
BX39261	Mercury	01/20/17	01/27/17	01/27/17	RS	Y
BX39261	Percent Solid	01/20/17	01/26/17	01/26/17	Q	Y
BX39261	Selenium	01/20/17	01/26/17	01/30/17	LK	Y
BX39261	Silver	01/20/17	01/26/17	01/30/17	LK	Y
BX39262	Arsenic	01/20/17	01/26/17	01/30/17	LK	Y
BX39262	Barium	01/20/17	01/26/17	01/30/17	LK	Y
BX39262	Cadmium	01/20/17	01/26/17	01/30/17	LK	Y
BX39262	Chromium	01/20/17	01/26/17	01/30/17	LK	Y
BX39262	Lead	01/20/17	01/26/17	01/30/17	LK	Y
BX39262	Mercury	01/20/17	01/27/17	01/27/17	RS	Y
BX39262	Percent Solid	01/20/17	01/26/17	01/26/17	Q	Y
BX39262	Selenium	01/20/17	01/26/17	01/30/17	LK	Y
BX39262	Silver	01/20/17	01/26/17	01/30/17	LK	Y
BX39263	Arsenic	01/20/17	01/26/17	01/30/17	LK	Y
BX39263	Barium	01/20/17	01/26/17	01/30/17	LK	Y
BX39263	Cadmium	01/20/17	01/26/17	01/30/17	LK	Y
BX39263	Chromium	01/20/17	01/26/17	01/30/17	LK	Y
BX39263	Chromium, Hex. (SW3060 digestion)	01/20/17	01/30/17	01/30/17	KH	Y



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NY Analytical Services Protocol Format

June 28, 2017

SDG I.D.: GBX39244

H2M Architects and Engineers DFCI1701

BX39263	Lead	01/20/17	01/26/17	01/30/17	LK	Y
BX39263	Mercury	01/20/17	01/27/17	01/27/17	RS	Y
BX39263	Percent Solid	01/20/17	01/26/17	01/26/17	Q	Y
BX39263	pH at 25C - Soil	01/20/17	01/27/17	01/27/17	O	Y
BX39263	Redox Potential	01/20/17	01/27/17	01/27/17	O	Y
BX39263	Selenium	01/20/17	01/26/17	01/30/17	LK	Y
BX39263	Silver	01/20/17	01/26/17	01/30/17	LK	Y
BX39264	Arsenic	01/20/17	01/26/17	01/30/17	LK	Y
BX39264	Barium	01/20/17	01/26/17	01/30/17	LK	Y
BX39264	Cadmium	01/20/17	01/26/17	01/30/17	LK	Y
BX39264	Chromium	01/20/17	01/26/17	01/30/17	LK	Y
BX39264	Lead	01/20/17	01/26/17	01/30/17	LK	Y
BX39264	Mercury	01/20/17	01/27/17	01/27/17	RS	Y
BX39264	Percent Solid	01/20/17	01/26/17	01/26/17	Q	Y
BX39264	Selenium	01/20/17	01/26/17	01/30/17	LK	Y
BX39264	Silver	01/20/17	01/26/17	01/30/17	LK	Y



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



SDG Comments

June 28, 2017

SDG I.D.: GBX39244

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

Version 3: Updated collection dates.

Version 4: Updated data package with collection dates.



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Analysis Report

June 28, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#:

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

Date

01/24/17 10:31
01/26/17 15:20

Time

Laboratory Data

SDG ID: GBX39244
Phoenix ID: BX39249

Project ID: DFCI1701
Client ID: SB-22/18/19/N1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	2.48	0.74	0.74	mg/Kg	1	01/27/17	TH	SW6010C
Barium	23.3	0.7	0.37	mg/Kg	1	01/27/17	TH	SW6010C
Cadmium	ND	0.37	0.37	mg/Kg	1	01/27/17	TH	SW6010C
Chromium	8.95	0.37	0.37	mg/Kg	1	01/27/17	TH	SW6010C
Lead	2.2	0.7	0.37	mg/Kg	1	01/27/17	TH	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.5	1.3	mg/Kg	1	01/27/17	TH	SW6010C
Silver	ND	0.37	0.37	mg/Kg	1	01/27/17	TH	SW6010C
Percent Solid	92			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services.

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Phyllis Shiller, Laboratory Director

June 28, 2017

Reviewed and Released by: Jon Carlson, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

June 28, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#:

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

Date

01/24/17 10:36
01/26/17 15:20

Time

Laboratory Data

SDG ID: GBX39244
Phoenix ID: BX39250

Project ID: DFCI1701
Client ID: SB-22/18/19/N2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	2.30	0.76	0.76	mg/Kg	1	01/27/17	TH	SW6010C
Barium	21.8	0.8	0.38	mg/Kg	1	01/27/17	TH	SW6010C
Cadmium	ND	0.38	0.38	mg/Kg	1	01/27/17	TH	SW6010C
Chromium	8.85	0.38	0.38	mg/Kg	1	01/27/17	TH	SW6010C
Lead	2.5	0.8	0.38	mg/Kg	1	01/27/17	TH	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.5	1.3	mg/Kg	1	01/27/17	TH	SW6010C
Silver	ND	0.38	0.38	mg/Kg	1	01/27/17	TH	SW6010C
Percent Solid	89			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

June 28, 2017

Reviewed and Released by: Jon Carlson, Project Manager



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Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

June 28, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#:

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

Date

01/24/17
01/26/17

Time

10:38
15:20

Laboratory Data

SDG ID: GBX39244
Phoenix ID: BX39251

Project ID: DFCI1701
Client ID: SB-22/18/19/N3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	1.64	0.69	0.69	mg/Kg	1	01/27/17	TH	SW6010C
Barium	18.2	0.7	0.34	mg/Kg	1	01/27/17	TH	SW6010C
Cadmium	0.39	0.34	0.34	mg/Kg	1	01/27/17	TH	SW6010C
Chromium	6.95	0.34	0.34	mg/Kg	1	01/27/17	TH	SW6010C
Lead	2.3	0.7	0.34	mg/Kg	1	01/27/17	TH	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.4	1.2	mg/Kg	1	01/27/17	TH	SW6010C
Silver	ND	0.34	0.34	mg/Kg	1	01/27/17	TH	SW6010C
Percent Solid	89			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

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Phyllis Shiller, Laboratory Director

June 28, 2017

Reviewed and Released by: Jon Carlson, Project Manager



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Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

June 28, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#:

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

Date

01/24/17 10:45
01/26/17 15:20

Time

Laboratory Data

SDG ID: GBX39244
Phoenix ID: BX39252

Project ID: DFCI1701
Client ID: SB-22/18/19/N4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	2.73	0.72	0.72	mg/Kg	1	01/27/17	TH	SW6010C
Barium	20.7	0.7	0.36	mg/Kg	1	01/27/17	TH	SW6010C
Cadmium	ND	0.36	0.36	mg/Kg	1	01/27/17	TH	SW6010C
Chromium	9.34	0.36	0.36	mg/Kg	1	01/27/17	TH	SW6010C
Lead	2.3	0.7	0.36	mg/Kg	1	01/27/17	TH	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.4	1.2	mg/Kg	1	01/27/17	TH	SW6010C
Silver	ND	0.36	0.36	mg/Kg	1	01/27/17	TH	SW6010C
Percent Solid	91			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

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Phyllis Shiller, Laboratory Director

June 28, 2017

Reviewed and Released by: Jon Carlson, Project Manager



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Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

June 28, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#:

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

Date

01/24/17 10:47
01/26/17 15:20

Time

Laboratory Data

SDG ID: GBX39244
Phoenix ID: BX39253

Project ID: DFCI1701
Client ID: SB-22/18/19/N5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	1.52	0.72	0.72	mg/Kg	1	01/27/17	TH	SW6010C
Barium	19.4	0.7	0.36	mg/Kg	1	01/27/17	TH	SW6010C
Cadmium	ND	0.36	0.36	mg/Kg	1	01/27/17	TH	SW6010C
Chromium	6.93	0.36	0.36	mg/Kg	1	01/27/17	TH	SW6010C
Lead	1.6	0.7	0.36	mg/Kg	1	01/27/17	TH	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.4	1.2	mg/Kg	1	01/27/17	TH	SW6010C
Silver	ND	0.36	0.36	mg/Kg	1	01/27/17	TH	SW6010C
Percent Solid	86			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B
Client MS/MSD	Completed					01/27/17		

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

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Phyllis Shiller, Laboratory Director

June 28, 2017

Reviewed and Released by: Jon Carlson, Project Manager



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Analysis Report

June 28, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#:

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

Date

01/24/17
01/26/17

Time

10:32
15:20

Laboratory Data

SDG ID: GBX39244
Phoenix ID: BX39254

Project ID: DFCI1701
Client ID: SB-22/18/19-S1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	ND	0.74	0.74	mg/Kg	1	01/27/17	TH	SW6010C
Barium	3.5	0.7	0.37	mg/Kg	1	01/27/17	TH	SW6010C
Cadmium	ND	0.37	0.37	mg/Kg	1	01/27/17	TH	SW6010C
Chromium	2.62	0.37	0.37	mg/Kg	1	01/27/17	TH	SW6010C
Lead	1.0	0.7	0.37	mg/Kg	1	01/27/17	TH	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.5	1.3	mg/Kg	1	01/27/17	TH	SW6010C
Silver	ND	0.37	0.37	mg/Kg	1	01/27/17	TH	SW6010C
Percent Solid	97			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

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Phyllis Shiller, Laboratory Director

June 28, 2017

Reviewed and Released by: Jon Carlson, Project Manager



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Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

June 28, 2017

QA/QC Data

SDG I.D.: GBX39244

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 374528 (mg/kg), QC Sample No: BX39253 (BX39244, BX39245, BX39246, BX39247, BX39248, BX39249, BX39250, BX39251, BX39252, BX39253, BX39254, BX39255, BX39256, BX39257, BX39258, BX39259, BX39260)

ICP Metals - Soil

Arsenic	BRL	0.67	1.52	2.25	NC	93.4			93.7			80 - 120	30
Barium	BRL	0.33	19.4	21.0	7.90	95.0			103			80 - 120	30
Cadmium	BRL	0.33	<0.36	<0.37	NC	92.8			99.0			80 - 120	30
Chromium	BRL	0.33	6.93	7.47	7.50	100			102			80 - 120	30
Lead	BRL	0.33	1.6	2.18	NC	94.9			99.7			80 - 120	30
Selenium	BRL	1.3	<1.4	<1.5	NC	76.7			80.5			80 - 120	30
Silver	BRL	0.33	<0.36	<0.37	NC	93.7			99.4			70 - 130	30

QA/QC Batch 374583 (mg/kg), QC Sample No: BX39253 (BX39244, BX39245, BX39246, BX39247, BX39248, BX39249, BX39250, BX39251, BX39252, BX39253, BX39254, BX39255)

Mercury - Soil	BRL	0.02	<0.03	<0.03	NC	92.2	86.4	6.5	99.7			75 - 125	30
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QA/QC Batch 374766 (mg/kg), QC Sample No: BX39255 40X (BX39255, BX39263)

Chromium, Hexavalent - Soil

Chromium, Hexavalent	BRL	0.40	<0.38	<0.39	NC	98.7						90 - 110	30
Chromium, Hexavalent (Ins)						99.8			91.6			90 - 110	30
Chromium, Hexavalent (Sol)						95.5			92.5			90 - 110	30

QA/QC Batch 374584 (mg/kg), QC Sample No: BX39260 (BX39256, BX39257, BX39258, BX39259, BX39260, BX39261, BX39262, BX39263, BX39264)

Mercury - Soil	BRL	0.02	<0.03	<0.03	NC	88.7	93.8	5.6	91.6			75 - 125	30
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QA/QC Batch 374529 (mg/kg), QC Sample No: BX39268 (BX39261, BX39262, BX39263, BX39264)

ICP Metals - Soil

Arsenic	BRL	0.67	2.44	2.37	NC	91.3			86.0			80 - 120	30
Barium	BRL	0.33	22.0 *	31.4	35.2	104			104			80 - 120	30
Cadmium	BRL	0.33	0.52	<0.36	NC	93.0			96.7			80 - 120	30
Chromium	BRL	0.33	9.57	11.9	21.7	104			99.1			80 - 120	30
Lead	BRL	0.33	2.1	2.24	NC	102			98.0			80 - 120	30
Selenium	BRL	1.3	<1.3	<1.4	NC	76.6			75.5			80 - 120	30
Silver	BRL	0.33	<0.32	<0.36	NC	97.8			94.2			70 - 130	30

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.



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Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

June 28, 2017

QA/QC Data

SDG I.D.: GBX39244

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 374699 (PH), QC Sample No: BX39976 (BX39255, BX39263)													
pH at 25C - Soil			5.64	5.61	0.50	99.3						85 - 115	20
Comment:													
Additional: LCS acceptance range is 85-115% MS acceptance range 75-125%.													

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference


Phyllis Shiller, Laboratory Director
June 28, 2017

Wednesday, June 28, 2017

Criteria: None

State: NY

Sample Criteria Exceedances Report
GBX39244 - H2M

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----------------	-------------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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Tel. (860) 645-1102 Fax (860) 645-0823



NY Temperature Narration

June 28, 2017

SDG I.D.: GBX39244

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)



NY/NJ CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Cooler: Yes ☒ No ☐
Coolant: IPK ☐ ICE ☒ No ☐

Temp 17 °C Pg of

Contact Options:

Fax: ☐
Phone: ☒ (631) 756-8000
Email: ☒ LAL@h2m.com

Project P.O.: DFC E 1761

This section **MUST** be completed with Bottle Quantities.

Customer: H2M architects + engineers
Address: 290 Broadhollow Rd. 400E
Melville, NY 11747
Project: DFC E 1761
Report to: Lily Wu
Invoice to: accounts payable@h2m.com

Client Sample - Information - Identification					Analysis Request	RCRA Metals
Sampler's Signature <u>Joseph Synth.</u>		Date: <u>1/19/17</u>				
Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe OIL=Oil B=Bulk L=Liquid						
PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled		
302244	HEROSENE-SW-W	S	1/20/17	13:24	X	
302245	HEROSENE-SW-N	S	1/20/17	13:23	X	
302246	SB-46/47-W	S	1/23/17	11:30	X	
302247	supp-SW-E	S	1/23/17	14:35	X	
302248	H.T. Entrance	S	1/23/17	14:41	X	
302249	SB-22/18/19-N1	S	1/24/17	10:31	X	
302250	SB-22/18/19-N2	S		10:36	X	
302251	SB-22/18/19-N3	S		10:38	X	
302252	SB-22/18/19-N4	S		10:45	X	
302253	SB-22/18/19-N5	S		10:47	X	
302254	SB-22/18/19-S1	S		10:32	X	

GL VOA Vial ()	GL Soil container ()	GL Amber 100ml ()	PL As is ()	PL H2SO4 ()	PL HNO3 250ml ()	PL NaOH 250ml ()	Bacteria Bottle
40 ml VOA Vial ()	GL Soil container ()	GL Amber 100ml ()	PL As is ()	PL H2SO4 ()	PL HNO3 250ml ()	PL NaOH 250ml ()	Bacteria Bottle
40 ml VOA Vial ()	GL Soil container ()	GL Amber 100ml ()	PL As is ()	PL H2SO4 ()	PL HNO3 250ml ()	PL NaOH 250ml ()	Bacteria Bottle
40 ml VOA Vial ()	GL Soil container ()	GL Amber 100ml ()	PL As is ()	PL H2SO4 ()	PL HNO3 250ml ()	PL NaOH 250ml ()	Bacteria Bottle
40 ml VOA Vial ()	GL Soil container ()	GL Amber 100ml ()	PL As is ()	PL H2SO4 ()	PL HNO3 250ml ()	PL NaOH 250ml ()	Bacteria Bottle
40 ml VOA Vial ()	GL Soil container ()	GL Amber 100ml ()	PL As is ()	PL H2SO4 ()	PL HNO3 250ml ()	PL NaOH 250ml ()	Bacteria Bottle
40 ml VOA Vial ()	GL Soil container ()	GL Amber 100ml ()	PL As is ()	PL H2SO4 ()	PL HNO3 250ml ()	PL NaOH 250ml ()	Bacteria Bottle
40 ml VOA Vial ()	GL Soil container ()	GL Amber 100ml ()	PL As is ()	PL H2SO4 ()	PL HNO3 250ml ()	PL NaOH 250ml ()	Bacteria Bottle
40 ml VOA Vial ()	GL Soil container ()	GL Amber 100ml ()	PL As is ()	PL H2SO4 ()	PL HNO3 250ml ()	PL NaOH 250ml ()	Bacteria Bottle
40 ml VOA Vial ()	GL Soil container ()	GL Amber 100ml ()	PL As is ()	PL H2SO4 ()	PL HNO3 250ml ()	PL NaOH 250ml ()	Bacteria Bottle
40 ml VOA Vial ()	GL Soil container ()	GL Amber 100ml ()	PL As is ()	PL H2SO4 ()	PL HNO3 250ml ()	PL NaOH 250ml ()	Bacteria Bottle
40 ml VOA Vial ()	GL Soil container ()	GL Amber 100ml ()	PL As is ()	PL H2SO4 ()	PL HNO3 250ml ()	PL NaOH 250ml ()	Bacteria Bottle
40 ml VOA Vial ()	GL Soil container ()	GL Amber 100ml ()	PL As is ()	PL H2SO4 ()	PL HNO3 250ml ()	PL NaOH 250ml ()	Bacteria Bottle
40 ml VOA Vial ()	GL Soil container ()	GL Amber 100ml ()	PL As is ()	PL H2SO4 ()	PL HNO3 250ml ()	PL NaOH 250ml ()	Bacteria Bottle
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40 ml VOA Vial ()	GL Soil container ()	GL Amber 100ml ()	PL As is ()	PL H2SO4 ()	PL HNO3 250ml ()	PL NaOH 250ml ()	Bacteria Bottle
40 ml VOA Vial ()	GL Soil container ()	GL Amber 100ml ()	PL As is ()	PL H2SO4 ()	PL HNO3 250ml ()	PL NaOH 250ml ()	Bacteria Bottle
40 ml VOA Vial ()	GL Soil container ()	GL Amber 100ml ()	PL As is ()	PL H2SO4 ()	PL HNO3 250ml ()	PL NaOH 250ml ()	Bacteria Bottle
40 ml VOA Vial ()	GL Soil container ()	GL Amber 100ml ()	PL As is ()	PL H2SO4 ()	PL HNO3 250ml ()	PL NaOH 250ml ()	Bacteria Bottle
40 ml VOA Vial ()	GL Soil container ()	GL Amber 100ml ()	PL As is ()	PL H			

Relinquished by: <u>Joe Synth (H2M)</u>	Accepted by: <u>[Signature]</u>	Date: <u>1/26/17</u>	Time: <u>1:31:17</u>
Comments, Special Requirements or Regulations:		Turnaround: ☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☒ 5 Days ☐ 10 Days ☐ Other	NY ☐ Res. Criteria ☐ Non-Res. Criteria ☐ Impact to GW Soil Cleanup Criteria ☐ GW Criteria
		NY ☐ TAGM 4046 GW ☐ TAGM 4046 SOIL ☐ NY375 Unrestricted Use Soil ☐ NY375 Residential Soil ☐ Restricted/Residential Commercial ☐ Industrial	NY ☐ Phoenix Std Report ☐ Excel ☒ PDF ☐ GIS/Key ☒ EQUIS ☐ NJ Hazsite EDD ☐ NY EZ EDD (ASP) ☐ Other
		Data Package ☐ NJ Reduced Deliv. * ☒ NY Enhanced (ASP B) * ☐ Other	

NY

State where samples were collected:

Category B

NY/NJ CHAIN OF CUSTODY RECORD



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Email: info@phoenixlabs.com Fax (860) 645-0823
 Client Services (860) 645-8726

Cooler: Yes ☒ No ☐
 Coolant: IPK ☐ ICE ☒
 Temp ☐ °C ☐ Pg of

Contact Options:

Fax: ☐
 Phone: ☒ (631) 756-8000
 Email: ☒ LWu@h2m.com

Project P.O.: DFCI 1701

Customer: H2M architects + engineers
 Address: 290 Broadhollow Rd., 400 E
 Melville, NY 11747
 Project: DFCI 1701
 Report to: Lily Wu
 Invoice to: accounts payable@h2m.com

This section **MUST** be completed with Bottle Quantities.

Client Sample - Information - Identification				Analysis Request	
Sampler's Signature	Customer Identification	Sample Matrix	Date Sampled	Time Sampled	
Joseph Spurrell	SB-38-Bottom	S	1/19/17	14:15	X
	SB-38-N	S	1/19/17	14:16	X
	SB-38-S	S	1/19/17	14:17	X
	SB-38-E	S	1/19/17	14:18	X
	SB-38-W	S	1/19/17	14:18	X
	SB-46/47-S1	S	1/20/17	12:39	X
	SB-46/47-S2	S	1/20/17	12:40	X
	SB-46/47-N1	S	1/20/17	12:38	X
	SB-46/47-N2	S	1/20/17	12:37	X
	SB-46/47-E	S	1/20/17	12:32	X
	SB-46/47-Bottom	S	1/20/17	12:36	X

Relinquished by: <u>Joe Spurr (H2M)</u>	Accepted by: <u>LWu</u>	Date: <u>1/26/17</u>	Time: <u>11:40</u>
Comments, Special Requirements or Regulations:			
Turnaround: ☐ 1 Day* ☐ 2 Days* ☐ 3 Days* ☒ 5 Days ☐ 10 Days ☐ Other * SURCHARGE APPLIES			
NJ Res. Criteria ☐ Non-Res. Criteria ☐ Impact to GW Soil Cleanup Criteria ☐ GW Criteria ☐		NY TAGM 4046 GW ☐ TAGM 4046 SOIL ☐ NY375 Unrestricted Use Soil ☐ NY375 Residential Soil ☐ Restricted/Residential Commercial ☐ Industrial ☐	
Data Format: ☐ Phoenix Std Report ☐ Excel ☒ PDF ☐ GIS/Key ☒ EQUIS ☐ NJ Hazsite EDD ☐ NY EZ EDD (ASP) ☐ Other		Data Package: ☐ NJ Reduced Deliv. * ☒ NY Enhanced (ASP B) * ☐ Other	
State where samples were collected: <u>NY</u>			

Category B



Friday, February 03, 2017

Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Project ID: DFCI RCRA CLOSURE
Sample ID#s: BX39265 - BX39281

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: H2M Architects and Engineers
Project: DFCI RCRA CLOSURE
Laboratory Project: GBX39265



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NY Analytical Services Protocol Format

February 03, 2017

SDG I.D.: GBX39265

H2M Architects and Engineers DFCI RCRA CLOSURE

Methodology Summary

Mercury Prep

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 7471B.

Metals

ICP :

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 6010C.

Mercury:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7471

Sample Id Cross Reference

Client Id	Lab Id	Matrix
SB-22/18/19-S2	BX39265	SOIL
SB-22/18/19-S3	BX39266	SOIL
SB-22/18/19-S4	BX39267	SOIL
SB-22/18/19-S5	BX39268	SOIL
SB-22/18/19-E1	BX39269	SOIL
SB-22/18/19-E2	BX39270	SOIL
SB-22/18/19-W1	BX39271	SOIL
SB-22/18/19-W2	BX39272	SOIL
SB-22/18/19-B1	BX39273	SOIL
SB-22/18/19-B2	BX39274	SOIL
SB-22/18/19-B3	BX39275	SOIL
SB-22/18/19-B4	BX39276	SOIL
SB-22/18/19-B5	BX39277	SOIL
SB-22/18/19-B6	BX39278	SOIL
SB-22/18/19-B7	BX39279	SOIL
SB-22/18/19-B8	BX39280	SOIL
DUPLICATE #4	BX39281	SOIL



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NY Analytical Services Protocol Format

February 03, 2017

SDG I.D.: GBX39265

H2M Architects and Engineers DFCI RCRA CLOSURE

Laboratory Chronicle

The samples in this delivery group were received at 4°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
BX39265	Arsenic	01/24/17	01/26/17	01/30/17	LK	Y
BX39265	Barium	01/24/17	01/26/17	01/30/17	LK	Y
BX39265	Cadmium	01/24/17	01/26/17	01/30/17	LK	Y
BX39265	Chromium	01/24/17	01/26/17	01/30/17	LK	Y
BX39265	Lead	01/24/17	01/26/17	01/30/17	LK	Y
BX39265	Mercury	01/24/17	01/27/17	01/27/17	RS	Y
BX39265	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39265	Selenium	01/24/17	01/26/17	01/30/17	LK	Y
BX39265	Silver	01/24/17	01/26/17	01/30/17	LK	Y
BX39266	Arsenic	01/24/17	01/26/17	01/30/17	LK	Y
BX39266	Barium	01/24/17	01/26/17	01/30/17	LK	Y
BX39266	Cadmium	01/24/17	01/26/17	01/30/17	LK	Y
BX39266	Chromium	01/24/17	01/26/17	01/30/17	LK	Y
BX39266	Lead	01/24/17	01/26/17	01/30/17	LK	Y
BX39266	Mercury	01/24/17	01/27/17	01/27/17	RS	Y
BX39266	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39266	Selenium	01/24/17	01/26/17	01/30/17	LK	Y
BX39266	Silver	01/24/17	01/26/17	01/30/17	LK	Y
BX39267	Arsenic	01/24/17	01/26/17	01/30/17	LK	Y
BX39267	Barium	01/24/17	01/26/17	01/30/17	LK	Y
BX39267	Cadmium	01/24/17	01/26/17	01/30/17	LK	Y
BX39267	Chromium	01/24/17	01/26/17	01/30/17	LK	Y
BX39267	Lead	01/24/17	01/26/17	01/30/17	LK	Y
BX39267	Mercury	01/24/17	01/27/17	01/27/17	RS	Y
BX39267	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39267	Selenium	01/24/17	01/26/17	01/30/17	LK	Y
BX39267	Silver	01/24/17	01/26/17	01/30/17	LK	Y
BX39268	Arsenic	01/24/17	01/26/17	01/30/17	LK	Y
BX39268	Barium	01/24/17	01/26/17	01/30/17	LK	Y
BX39268	Cadmium	01/24/17	01/26/17	01/30/17	LK	Y
BX39268	Chromium	01/24/17	01/26/17	01/30/17	LK	Y
BX39268	Lead	01/24/17	01/26/17	01/30/17	LK	Y



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H2M Architects and Engineers DFCI RCRA CLOSURE

BX39268	Mercury	01/24/17	01/27/17	01/27/17	RS	Y
BX39268	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39268	Selenium	01/24/17	01/26/17	01/30/17	LK	Y
BX39268	Silver	01/24/17	01/26/17	01/30/17	LK	Y
BX39269	Arsenic	01/24/17	01/26/17	01/30/17	LK	Y
BX39269	Barium	01/24/17	01/26/17	01/30/17	LK	Y
BX39269	Cadmium	01/24/17	01/26/17	01/30/17	LK	Y
BX39269	Chromium	01/24/17	01/26/17	01/30/17	LK	Y
BX39269	Lead	01/24/17	01/26/17	01/30/17	LK	Y
BX39269	Mercury	01/24/17	01/27/17	01/27/17	RS	Y
BX39269	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39269	Selenium	01/24/17	01/26/17	01/30/17	LK	Y
BX39269	Silver	01/24/17	01/26/17	01/30/17	LK	Y
BX39270	Arsenic	01/24/17	01/26/17	01/30/17	LK	Y
BX39270	Barium	01/24/17	01/26/17	01/30/17	LK	Y
BX39270	Cadmium	01/24/17	01/26/17	01/30/17	LK	Y
BX39270	Chromium	01/24/17	01/26/17	01/30/17	LK	Y
BX39270	Lead	01/24/17	01/26/17	01/30/17	LK	Y
BX39270	Mercury	01/24/17	01/27/17	01/27/17	RS	Y
BX39270	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39270	Selenium	01/24/17	01/26/17	01/30/17	LK	Y
BX39270	Silver	01/24/17	01/26/17	01/30/17	LK	Y
BX39271	Arsenic	01/24/17	01/26/17	01/30/17	LK	Y
BX39271	Barium	01/24/17	01/26/17	01/30/17	LK	Y
BX39271	Cadmium	01/24/17	01/26/17	01/30/17	LK	Y
BX39271	Chromium	01/24/17	01/26/17	01/30/17	LK	Y
BX39271	Lead	01/24/17	01/26/17	01/30/17	LK	Y
BX39271	Mercury	01/24/17	01/27/17	01/27/17	RS	Y
BX39271	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39271	Selenium	01/24/17	01/26/17	01/30/17	LK	Y
BX39271	Silver	01/24/17	01/26/17	01/30/17	LK	Y
BX39272	Arsenic	01/24/17	01/26/17	01/30/17	LK	Y
BX39272	Barium	01/24/17	01/26/17	01/30/17	LK	Y
BX39272	Cadmium	01/24/17	01/26/17	01/30/17	LK	Y
BX39272	Chromium	01/24/17	01/26/17	01/30/17	LK	Y
BX39272	Lead	01/24/17	01/26/17	01/30/17	LK	Y
BX39272	Mercury	01/24/17	01/27/17	01/27/17	RS	Y



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NY Analytical Services Protocol Format

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H2M Architects and Engineers DFCI RCRA CLOSURE

BX39272	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39272	Selenium	01/24/17	01/26/17	01/30/17	LK	Y
BX39272	Silver	01/24/17	01/26/17	01/30/17	LK	Y
BX39273	Arsenic	01/24/17	01/26/17	01/30/17	LK	Y
BX39273	Barium	01/24/17	01/26/17	01/30/17	LK	Y
BX39273	Cadmium	01/24/17	01/26/17	01/30/17	LK	Y
BX39273	Chromium	01/24/17	01/26/17	01/30/17	LK	Y
BX39273	Lead	01/24/17	01/26/17	01/30/17	LK	Y
BX39273	Mercury	01/24/17	01/27/17	01/27/17	RS	Y
BX39273	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39273	Selenium	01/24/17	01/26/17	01/30/17	LK	Y
BX39273	Silver	01/24/17	01/26/17	01/30/17	LK	Y
BX39274	Arsenic	01/24/17	01/26/17	01/30/17	LK	Y
BX39274	Barium	01/24/17	01/26/17	01/30/17	LK	Y
BX39274	Cadmium	01/24/17	01/26/17	01/30/17	LK	Y
BX39274	Chromium	01/24/17	01/26/17	01/30/17	LK	Y
BX39274	Lead	01/24/17	01/26/17	01/30/17	LK	Y
BX39274	Mercury	01/24/17	01/27/17	01/27/17	RS	Y
BX39274	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39274	Selenium	01/24/17	01/26/17	01/30/17	LK	Y
BX39274	Silver	01/24/17	01/26/17	01/30/17	LK	Y
BX39275	Arsenic	01/24/17	01/26/17	01/30/17	LK	Y
BX39275	Barium	01/24/17	01/26/17	01/30/17	LK	Y
BX39275	Cadmium	01/24/17	01/26/17	01/30/17	LK	Y
BX39275	Chromium	01/24/17	01/26/17	01/30/17	LK	Y
BX39275	Lead	01/24/17	01/26/17	01/30/17	LK	Y
BX39275	Mercury	01/24/17	01/27/17	01/27/17	RS	Y
BX39275	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39275	Selenium	01/24/17	01/26/17	01/30/17	LK	Y
BX39275	Silver	01/24/17	01/26/17	01/30/17	LK	Y
BX39276	Arsenic	01/24/17	01/26/17	01/30/17	LK	Y
BX39276	Barium	01/24/17	01/26/17	01/30/17	LK	Y
BX39276	Cadmium	01/24/17	01/26/17	01/30/17	LK	Y
BX39276	Chromium	01/24/17	01/26/17	01/30/17	LK	Y
BX39276	Lead	01/24/17	01/26/17	01/30/17	LK	Y
BX39276	Mercury	01/24/17	01/27/17	01/27/17	RS	Y
BX39276	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y



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February 03, 2017

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BX39276	Selenium	01/24/17	01/26/17	01/30/17	LK	Y
BX39276	Silver	01/24/17	01/26/17	01/30/17	LK	Y
BX39277	Arsenic	01/24/17	01/26/17	01/30/17	LK	Y
BX39277	Barium	01/24/17	01/26/17	01/30/17	LK	Y
BX39277	Cadmium	01/24/17	01/26/17	01/30/17	LK	Y
BX39277	Chromium	01/24/17	01/26/17	01/30/17	LK	Y
BX39277	Lead	01/24/17	01/26/17	01/30/17	LK	Y
BX39277	Mercury	01/24/17	01/27/17	01/27/17	RS	Y
BX39277	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39277	Selenium	01/24/17	01/26/17	01/30/17	LK	Y
BX39277	Silver	01/24/17	01/26/17	01/30/17	LK	Y
BX39278	Arsenic	01/24/17	01/26/17	01/30/17	LK	Y
BX39278	Barium	01/24/17	01/26/17	01/30/17	LK	Y
BX39278	Cadmium	01/24/17	01/26/17	01/30/17	LK	Y
BX39278	Chromium	01/24/17	01/26/17	01/30/17	LK	Y
BX39278	Lead	01/24/17	01/26/17	01/30/17	LK	Y
BX39278	Mercury	01/24/17	01/27/17	01/27/17	RS	Y
BX39278	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39278	Selenium	01/24/17	01/26/17	01/30/17	LK	Y
BX39278	Silver	01/24/17	01/26/17	01/30/17	LK	Y
BX39279	Arsenic	01/24/17	01/26/17	01/30/17	LK	Y
BX39279	Barium	01/24/17	01/26/17	01/30/17	LK	Y
BX39279	Cadmium	01/24/17	01/26/17	01/30/17	LK	Y
BX39279	Chromium	01/24/17	01/26/17	01/30/17	LK	Y
BX39279	Lead	01/24/17	01/26/17	01/30/17	LK	Y
BX39279	Mercury	01/24/17	01/27/17	01/27/17	RS	Y
BX39279	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39279	Selenium	01/24/17	01/26/17	01/30/17	LK	Y
BX39279	Silver	01/24/17	01/26/17	01/30/17	LK	Y
BX39280	Arsenic	01/24/17	01/26/17	01/30/17	LK	Y
BX39280	Barium	01/24/17	01/26/17	01/30/17	LK	Y
BX39280	Cadmium	01/24/17	01/26/17	01/30/17	LK	Y
BX39280	Chromium	01/24/17	01/26/17	01/30/17	LK	Y
BX39280	Lead	01/24/17	01/26/17	01/30/17	LK	Y
BX39280	Mercury	01/24/17	01/27/17	01/27/17	RS	Y
BX39280	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39280	Selenium	01/24/17	01/26/17	01/30/17	LK	Y



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NY Analytical Services Protocol Format

February 03, 2017

SDG I.D.: GBX39265

H2M Architects and Engineers DFCI RCRA CLOSURE

BX39280	Silver	01/24/17	01/26/17	01/30/17	LK	Y
BX39281	Arsenic	01/24/17	01/26/17	01/27/17	TH	Y
BX39281	Barium	01/24/17	01/26/17	01/27/17	TH	Y
BX39281	Cadmium	01/24/17	01/26/17	01/27/17	TH	Y
BX39281	Chromium	01/24/17	01/26/17	01/27/17	TH	Y
BX39281	Lead	01/24/17	01/26/17	01/27/17	TH	Y
BX39281	Mercury	01/24/17	01/27/17	01/27/17	RS	Y
BX39281	Percent Solid	01/24/17	01/26/17	01/26/17	Q	Y
BX39281	Selenium	01/24/17	01/26/17	01/27/17	TH	Y
BX39281	Silver	01/24/17	01/26/17	01/27/17	TH	Y



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SDG Comments

February 03, 2017

SDG I.D.: GBX39265

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.



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Analysis Report

February 03, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#: DFCI1701

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

Date	Time
01/24/17	10:20
01/26/17	15:20

Laboratory Data

SDG ID: GBX39265
Phoenix ID: BX39265

Project ID: DFCI RCRA CLOSURE
Client ID: SB-22/18/19-S2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	ND	0.71	0.71	mg/Kg	1	01/30/17	LK	SW6010C
Barium	9.6	* 0.7	0.35	mg/Kg	1	01/30/17	LK	SW6010C
Cadmium	18.5	0.35	0.35	mg/Kg	1	01/30/17	LK	SW6010C
Chromium	7.20	0.35	0.35	mg/Kg	1	01/30/17	LK	SW6010C
Lead	9.4	0.7	0.35	mg/Kg	1	01/30/17	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.4	1.2	mg/Kg	1	01/30/17	LK	SW6010C
Silver	ND	0.35	0.35	mg/Kg	1	01/30/17	LK	SW6010C
Percent Solid	94			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

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Phyllis Shiller, Laboratory Director

February 03, 2017

Reviewed and Released by: Jon Carlson, Project Manager



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Analysis Report

February 03, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#: DFCI1701

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

Date

01/24/17
01/26/17

Time

10:31
15:20

Laboratory Data

SDG ID: GBX39265
Phoenix ID: BX39266

Project ID: DFCI RCRA CLOSURE
Client ID: SB-22/18/19-S3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	0.68	0.63	0.63	mg/Kg	1	01/30/17	LK	SW6010C
Barium	6.9	* 0.6	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Cadmium	3.01	0.32	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Chromium	4.35	0.32	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Lead	6.4	0.6	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.3	1.1	mg/Kg	1	01/30/17	LK	SW6010C
Silver	ND	0.32	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Percent Solid	95			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

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Phyllis Shiller, Laboratory Director

February 03, 2017

Reviewed and Released by: Jon Carlson, Project Manager



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Analysis Report

February 03, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#: DFCI1701

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

Date

01/24/17 10:40
01/26/17 15:20

Time

Laboratory Data

SDG ID: GBX39265
Phoenix ID: BX39267

Project ID: DFCI RCRA CLOSURE
Client ID: SB-22/18/19-S4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	1.88	0.64	0.64	mg/Kg	1	01/30/17	LK	SW6010C
Barium	14.8	* 0.6	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Cadmium	0.66	0.32	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Chromium	8.54	0.32	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Lead	2.8	0.6	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.3	1.1	mg/Kg	1	01/30/17	LK	SW6010C
Silver	ND	0.32	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Percent Solid	93			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

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Phyllis Shiller, Laboratory Director

February 03, 2017

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Analysis Report

February 03, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#: DFCI1701

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

Date

01/24/17
01/26/17

Time

10:44
15:20

Laboratory Data

SDG ID: GBX39265
Phoenix ID: BX39268

Project ID: DFCI RCRA CLOSURE
Client ID: SB-22/18/19-S5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	2.44	0.64	0.64	mg/Kg	1	01/30/17	LK	SW6010C
Barium	22.0	* 0.6	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Cadmium	0.52	0.32	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Chromium	9.57	0.32	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Lead	2.1	0.6	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.3	1.1	mg/Kg	1	01/30/17	LK	SW6010C
Silver	ND	0.32	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Percent Solid	92			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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Analysis Report

February 03, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#: DFCI1701

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

Date	Time
01/24/17	10:50
01/26/17	15:20

Laboratory Data

SDG ID: GBX39265
Phoenix ID: BX39269

Project ID: DFCI RCRA CLOSURE
Client ID: SB-22/18/19-E1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	3.07	0.74	0.74	mg/Kg	1	01/30/17	LK	SW6010C
Barium	30.9	* 0.7	0.37	mg/Kg	1	01/30/17	LK	SW6010C
Cadmium	ND	0.37	0.37	mg/Kg	1	01/30/17	LK	SW6010C
Chromium	11.0	0.37	0.37	mg/Kg	1	01/30/17	LK	SW6010C
Lead	2.1	0.7	0.37	mg/Kg	1	01/30/17	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.5	1.3	mg/Kg	1	01/30/17	LK	SW6010C
Silver	ND	0.37	0.37	mg/Kg	1	01/30/17	LK	SW6010C
Percent Solid	90			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

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Phyllis Shiller, Laboratory Director

February 03, 2017

Reviewed and Released by: Jon Carlson, Project Manager



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Analysis Report

February 03, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#: DFCI1701

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

Date

01/24/17
01/26/17

Time

10:48
15:20

Laboratory Data

SDG ID: GBX39265
Phoenix ID: BX39270

Project ID: DFCI RCRA CLOSURE
Client ID: SB-22/18/19-E2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	2.27	0.69	0.69	mg/Kg	1	01/30/17	LK	SW6010C
Barium	22.7	* 0.7	0.34	mg/Kg	1	01/30/17	LK	SW6010C
Cadmium	ND	0.34	0.34	mg/Kg	1	01/30/17	LK	SW6010C
Chromium	9.03	0.34	0.34	mg/Kg	1	01/30/17	LK	SW6010C
Lead	2.2	0.7	0.34	mg/Kg	1	01/30/17	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.4	1.2	mg/Kg	1	01/30/17	LK	SW6010C
Silver	ND	0.34	0.34	mg/Kg	1	01/30/17	LK	SW6010C
Percent Solid	91			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

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Phyllis Shiller, Laboratory Director

February 03, 2017

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Analysis Report

February 03, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#: DFCI1701

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
01/24/17	12:46
01/26/17	15:20

Laboratory Data

SDG ID: GBX39265
Phoenix ID: BX39271

Project ID: DFCI RCRA CLOSURE
Client ID: SB-22/18/19-W1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	3.15	0.73	0.73	mg/Kg	1	01/30/17	LK	SW6010C
Barium	31.6	* 0.7	0.37	mg/Kg	1	01/30/17	LK	SW6010C
Cadmium	0.51	0.37	0.37	mg/Kg	1	01/30/17	LK	SW6010C
Chromium	13.3	0.37	0.37	mg/Kg	1	01/30/17	LK	SW6010C
Lead	2.9	0.7	0.37	mg/Kg	1	01/30/17	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.5	1.2	mg/Kg	1	01/30/17	LK	SW6010C
Silver	ND	0.37	0.37	mg/Kg	1	01/30/17	LK	SW6010C
Percent Solid	90			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

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February 03, 2017

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Analysis Report

February 03, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#: DFCI1701

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
01/24/17	10:20
01/26/17	15:20

Laboratory Data

SDG ID: GBX39265
Phoenix ID: BX39272

Project ID: DFCI RCRA CLOSURE
Client ID: SB-22/18/19-W2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	0.74	0.67	0.67	mg/Kg	1	01/30/17	LK	SW6010C
Barium	7.2	* 0.7	0.34	mg/Kg	1	01/30/17	LK	SW6010C
Cadmium	ND	0.34	0.34	mg/Kg	1	01/30/17	LK	SW6010C
Chromium	3.16	0.34	0.34	mg/Kg	1	01/30/17	LK	SW6010C
Lead	1.1	0.7	0.34	mg/Kg	1	01/30/17	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.3	1.1	mg/Kg	1	01/30/17	LK	SW6010C
Silver	ND	0.34	0.34	mg/Kg	1	01/30/17	LK	SW6010C
Percent Solid	95			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

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Phyllis Shiller, Laboratory Director

February 03, 2017

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Analysis Report

February 03, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#: DFCI1701

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

Date

01/24/17 10:24
01/26/17 15:20

Time

Laboratory Data

SDG ID: GBX39265
Phoenix ID: BX39273

Project ID: DFCI RCRA CLOSURE
Client ID: SB-22/18/19-B1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	ND	0.64	0.64	mg/Kg	1	01/30/17	LK	SW6010C
Barium	2.4	* 0.6	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Cadmium	ND	0.32	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Chromium	2.19	0.32	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Lead	1.0	0.6	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.3	1.1	mg/Kg	1	01/30/17	LK	SW6010C
Silver	ND	0.32	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Percent Solid	96			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

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Phyllis Shiller, Laboratory Director

February 03, 2017

Reviewed and Released by: Jon Carlson, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

February 03, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#: DFCI1701

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

Date

01/24/17
01/26/17

Time

10:26
15:20

Laboratory Data

SDG ID: GBX39265
Phoenix ID: BX39274

Project ID: DFCI RCRA CLOSURE
Client ID: SB-22/18/19-B2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	ND	0.69	0.69	mg/Kg	1	01/30/17	LK	SW6010C
Barium	2.4	* 0.7	0.35	mg/Kg	1	01/30/17	LK	SW6010C
Cadmium	ND	0.35	0.35	mg/Kg	1	01/30/17	LK	SW6010C
Chromium	1.59	0.35	0.35	mg/Kg	1	01/30/17	LK	SW6010C
Lead	0.9	0.7	0.35	mg/Kg	1	01/30/17	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.4	1.2	mg/Kg	1	01/30/17	LK	SW6010C
Silver	ND	0.35	0.35	mg/Kg	1	01/30/17	LK	SW6010C
Percent Solid	96			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

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Phyllis Shiller, Laboratory Director

February 03, 2017

Reviewed and Released by: Jon Carlson, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

February 03, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#: DFCI1701

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

Date	Time
01/24/17	10:22
01/26/17	15:20

Laboratory Data

SDG ID: GBX39265
Phoenix ID: BX39275

Project ID: DFCI RCRA CLOSURE
Client ID: SB-22/18/19-B3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	ND	0.78	0.78	mg/Kg	1	01/30/17	LK	SW6010C
Barium	2.7	* 0.8	0.39	mg/Kg	1	01/30/17	LK	SW6010C
Cadmium	1.17	0.39	0.39	mg/Kg	1	01/30/17	LK	SW6010C
Chromium	2.76	0.39	0.39	mg/Kg	1	01/30/17	LK	SW6010C
Lead	1.2	0.8	0.39	mg/Kg	1	01/30/17	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.6	1.3	mg/Kg	1	01/30/17	LK	SW6010C
Silver	ND	0.39	0.39	mg/Kg	1	01/30/17	LK	SW6010C
Percent Solid	85			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

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Phyllis Shiller, Laboratory Director

February 03, 2017

Reviewed and Released by: Jon Carlson, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

February 03, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#: DFCI1701

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

Date

01/24/17 10:28
01/26/17 15:20

Time

Laboratory Data

SDG ID: GBX39265
Phoenix ID: BX39276

Project ID: DFCI RCRA CLOSURE
Client ID: SB-22/18/19-B4

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	0.80	0.69	0.69	mg/Kg	1	01/30/17	LK	SW6010C
Barium	4.4	* 0.7	0.34	mg/Kg	1	01/30/17	LK	SW6010C
Cadmium	ND	0.34	0.34	mg/Kg	1	01/30/17	LK	SW6010C
Chromium	2.78	0.34	0.34	mg/Kg	1	01/30/17	LK	SW6010C
Lead	1.4	0.7	0.34	mg/Kg	1	01/30/17	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.4	1.2	mg/Kg	1	01/30/17	LK	SW6010C
Silver	ND	0.34	0.34	mg/Kg	1	01/30/17	LK	SW6010C
Percent Solid	96			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

February 03, 2017

Reviewed and Released by: Jon Carlson, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

February 03, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#: DFCI1701

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

Date

01/24/17
01/26/17

Time

10:39
15:20

Laboratory Data

SDG ID: GBX39265
Phoenix ID: BX39277

Project ID: DFCI RCRA CLOSURE
Client ID: SB-22/18/19-B5

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	ND	0.72	0.72	mg/Kg	1	01/30/17	LK	SW6010C
Barium	3.3	* 0.7	0.36	mg/Kg	1	01/30/17	LK	SW6010C
Cadmium	ND	0.36	0.36	mg/Kg	1	01/30/17	LK	SW6010C
Chromium	2.75	0.36	0.36	mg/Kg	1	01/30/17	LK	SW6010C
Lead	1.2	0.7	0.36	mg/Kg	1	01/30/17	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.4	1.2	mg/Kg	1	01/30/17	LK	SW6010C
Silver	ND	0.36	0.36	mg/Kg	1	01/30/17	LK	SW6010C
Percent Solid	95			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

February 03, 2017

Reviewed and Released by: Jon Carlson, Project Manager



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

February 03, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#: DFCI1701

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

Date

01/24/17 10:46
01/26/17 15:20

Time

Laboratory Data

SDG ID: GBX39265
Phoenix ID: BX39278

Project ID: DFCI RCRA CLOSURE
Client ID: SB-22/18/19-B6

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	ND	0.64	0.64	mg/Kg	1	01/30/17	LK	SW6010C
Barium	2.7	* 0.6	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Cadmium	ND	0.32	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Chromium	0.80	0.32	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Lead	0.7	0.6	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.3	1.1	mg/Kg	1	01/30/17	LK	SW6010C
Silver	ND	0.32	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Percent Solid	96			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

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Phyllis Shiller, Laboratory Director

February 03, 2017

Reviewed and Released by: Jon Carlson, Project Manager



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Analysis Report

February 03, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#: DFCI1701

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

Date

01/24/17 10:43
01/26/17 15:20

Time

Laboratory Data

SDG ID: GBX39265
Phoenix ID: BX39279

Project ID: DFCI RCRA CLOSURE
Client ID: SB-22/18/19-B7

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	ND	0.66	0.66	mg/Kg	1	01/30/17	LK	SW6010C
Barium	3.5	* 0.7	0.33	mg/Kg	1	01/30/17	LK	SW6010C
Cadmium	ND	0.33	0.33	mg/Kg	1	01/30/17	LK	SW6010C
Chromium	1.73	0.33	0.33	mg/Kg	1	01/30/17	LK	SW6010C
Lead	1.1	0.7	0.33	mg/Kg	1	01/30/17	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.3	1.1	mg/Kg	1	01/30/17	LK	SW6010C
Silver	ND	0.33	0.33	mg/Kg	1	01/30/17	LK	SW6010C
Percent Solid	97			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

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Phyllis Shiller, Laboratory Director

February 03, 2017

Reviewed and Released by: Jon Carlson, Project Manager



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Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

February 03, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#: DFCI1701

Custody Information

Collected by: JS
Received by: LB
Analyzed by: see "By" below

Date

01/24/17 10:49
01/26/17 15:20

Time

Laboratory Data

SDG ID: GBX39265
Phoenix ID: BX39280

Project ID: DFCI RCRA CLOSURE
Client ID: SB-22/18/19-B8

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Arsenic	ND	0.65	0.65	mg/Kg	1	01/30/17	LK	SW6010C
Barium	2.2	* 0.6	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Cadmium	ND	0.32	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Chromium	1.07	0.32	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Lead	0.7	0.6	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Mercury	ND	0.03	0.02	mg/Kg	1	01/27/17	RS	SW7471B
Selenium	ND	1.3	1.1	mg/Kg	1	01/30/17	LK	SW6010C
Silver	ND	0.32	0.32	mg/Kg	1	01/30/17	LK	SW6010C
Percent Solid	98			%		01/26/17	Q	SW846-%Solid
Mercury Digestion	Completed					01/27/17	Q/Q	SW7471B
Total Metals Digest	Completed					01/26/17	N/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

February 03, 2017

Reviewed and Released by: Jon Carlson, Project Manager



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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

February 03, 2017

QA/QC Data

SDG I.D.: GBX39265

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
-----------	-------	-----------	------------------	---------------	------------	----------	-----------	------------	---------	----------	-----------	--------------------	--------------------

QA/QC Batch 374584 (mg/kg), QC Sample No: BX39260 (BX39265, BX39266, BX39267, BX39268, BX39269, BX39270, BX39271, BX39272, BX39273, BX39274, BX39275)

Mercury - Soil	BRL	0.02	<0.03	<0.03	NC	88.7	93.8	5.6	91.6			75 - 125	30
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QA/QC Batch 374529 (mg/kg), QC Sample No: BX39268 (BX39265, BX39266, BX39267, BX39268, BX39269, BX39270, BX39271, BX39272, BX39273, BX39274, BX39275, BX39276, BX39277, BX39278, BX39279, BX39280)

ICP Metals - Soil

Arsenic	BRL	0.67	2.44	2.37	NC	91.3			86.0			80 - 120	30
Barium	BRL	0.33	22.0 *	31.4	35.2	104			104			80 - 120	30
Cadmium	BRL	0.33	0.52	<0.36	NC	93.0			96.7			80 - 120	30
Chromium	BRL	0.33	9.57	11.9	21.7	104			99.1			80 - 120	30
Lead	BRL	0.33	2.1	2.24	NC	102			98.0			80 - 120	30
Selenium	BRL	1.3	<1.3	<1.4	NC	76.6			75.5			80 - 120	30
Silver	BRL	0.33	<0.32	<0.36	NC	97.8			94.2			70 - 130	30

QA/QC Batch 374530 (mg/kg), QC Sample No: BX39281 (BX39281)

ICP Metals - Soil

Arsenic	BRL	0.66	1.87	2.14	NC	95.1			93.6			80 - 120	30
Barium	BRL	0.33	23.7	21.9	7.90	105			104			80 - 120	30
Cadmium	BRL	0.33	<0.38	<0.40	NC	98.4			98.5			80 - 120	30
Chromium	BRL	0.33	7.83	8.54	8.70	103			103			80 - 120	30
Lead	BRL	0.33	2.1	1.78	NC	98.4			99.8			80 - 120	30
Selenium	BRL	1.3	<1.5	<1.6	NC	82.4			80.8			80 - 120	30
Silver	BRL	0.33	<0.38	<0.40	NC	101			102			70 - 130	30

QA/QC Batch 374590 (mg/kg), QC Sample No: BX39551 (BX39276, BX39277, BX39278, BX39279, BX39280, BX39281)

Mercury - Soil	BRL	0.02	0.09	0.10	NC	87.0	87.4	0.5	103			75 - 125	30
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l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

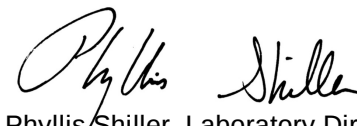
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference


Phyllis Shiller, Laboratory Director
February 03, 2017

Friday, February 03, 2017

Criteria: None

State: NY

Sample Criteria Exceedances Report
GBX39265 - H2M

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----------------	-------------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



NY Temperature Narration

February 03, 2017

SDG I.D.: GBX39265

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

CHAIN OF CUSTODY RECORD



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Customer: HAN Architects + Engineers
 Address: 200 Broadhollow Rd.
NEVILLE, NY 11747

Project: DCI RCRA CLOSURE
 Report to: LIN WU LWW@HQM.COM
 Invoice to: ACCOUNTS PAYABLE@HQM.COM
 Phone #: (631) 756-8000
 Fax #:

Project P.O: DCI HQ

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification
 Sampler's Signature: for Jilly Date: 1/26/17

Matrix Code:
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
 OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
30217	SB-22/18/19-B5	S	1/24/17	10:39
30218	↓ -B6	S	↓	10:46
30219	↓ -B7	S	↓	10:43
30280	↓ -B8	S	↓	10:49
30281	Duplicate #4	S	↓	—

Analysis Request

RCRA Metals

40 ml VOA Vial (As is) HCl
 GL Soil container (As is) HCl
 GL Soil container (As is) HCl
 GL Amber 1000ml (As is) HCl
 PL As is (As is) HCl
 PL H2SO4 (As is) HCl
 PL HNO3 250ml (As is) HCl
 PL HNO3 250ml (As is) HCl
 Bacteria Bottle

Relinquished by: for Jilly (HAN) Accepted by: for Jilly

Date: 1/26/17 Time: 11:41
1/26/17 15:20

Data Format

☐ Excel
☒ PDF
☐ GIS/Key
☒ EQUIS
☐ Other

MA

☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

CT

☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

RI

☐ Direct Exposure (Residential)
☐ GW
☐ Other

Comments, Special Requirements or Regulations:

Date Package: NY Enhanced
(ASB)
(Category B)

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other

5 days
 * SURCHARGE APPLIES

State where samples were collected: NY

* SURCHARGE APPLIES



Friday, March 03, 2017

Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Project ID: DFCI RCRA CLOSURE
Sample ID#s: BX72664 - BX72667

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



**NY ANALYTICAL SERVICES PROTOCOL
DATA PACKAGE**

Client: H2M Architects and Engineers
Project: DFCI RCRA CLOSURE
Laboratory Project: GBX72664



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823



NY Analytical Services Protocol Format

March 03, 2017

SDG I.D.: GBX72664

H2M Architects and Engineers DFCI RCRA CLOSURE

Methodology Summary

Metals

ICP :

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods 3rd Ed. Update IV, Method 6010C.

Mercury:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, 7471

Sample Id Cross Reference

Client Id	Lab Id	Matrix
SB-38-B-BOT	BX72664	SOIL
SB-22/18/19B-S2	BX72665	SOIL
HT-ENTRANCE BOTTOM	BX72666	SOIL
SB-36-W-WALL	BX72667	SOIL



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NY Analytical Services Protocol Format

March 03, 2017

SDG I.D.: GBX72664

H2M Architects and Engineers DFCI RCRA CLOSURE

Laboratory Chronicle

The samples in this delivery group were received at 4°C.

Sample	Analysis	Collection Date	Prep Date	Analysis Date	Analyst	Hold Time Met
BX72664	Cadmium	02/17/17	02/22/17	02/23/17	LK	Y
BX72664	Percent Solid	02/17/17	02/22/17	02/22/17	Q	Y
BX72665	Cadmium	02/17/17	02/22/17	02/23/17	LK	Y
BX72665	Percent Solid	02/17/17	02/22/17	02/22/17	Q	Y
BX72666	Cadmium	02/17/17	02/22/17	02/23/17	LK	Y
BX72666	Chromium	02/17/17	02/22/17	02/23/17	LK	Y
BX72666	Percent Solid	02/17/17	02/22/17	02/22/17	Q	Y
BX72667	Cadmium	02/17/17	02/22/17	02/23/17	LK	Y
BX72667	Percent Solid	02/17/17	02/22/17	02/22/17	Q	Y



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SDG Comments

March 03, 2017

SDG I.D.: GBX72664

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Add on results.

Version 3: Complete report with raw data.



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Analysis Report

March 03, 2017

FOR: Attn: Ms Lily Wu
H2M Architects and Engineers
290 Broad Hollow Rd
Melville, NY 11747

Sample Information

Matrix: SOIL
Location Code: H2M
Rush Request: Standard
P.O.#: DFCI 1701

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

02/17/17
02/22/17

Time

10:00
16:32

Laboratory Data

SDG ID: GBX72664
Phoenix ID: BX72665

Project ID: DFCI RCRA CLOSURE
Client ID: SB-22/18/19B-S2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Cadmium	ND	0.36	0.36	mg/Kg	1	02/23/17	LK	SW6010C
Percent Solid	96			%		02/22/17	Q	SW846-%Solid
Total Metals Digest	Completed					02/22/17	VJ/AG/BFSW3050B	

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

March 03, 2017

Reviewed and Released by: Jon Carlson, Project Manager



Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

March 03, 2017

QA/QC Data

SDG I.D.: GBX72664

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 377101 (mg/kg), QC Sample No: BX70999 (BX72664, BX72665, BX72666, BX72667)													
<u>ICP Metals - Soil</u>													
Cadmium	BRL	0.33	<0.35	<0.36	NC	83.0			90.7			80 - 120	30
Chromium	BRL	0.33	19.5	19.5	0	85.4			95.3			80 - 120	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference


Phyllis Shiller, Laboratory Director
March 03, 2017

Friday, March 03, 2017

Criteria: None

State: NY

Sample Criteria Exceedances Report

GBX72664 - H2M

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----------------	-------------------

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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Tel. (860) 645-1102 Fax (860) 645-0823



NY Temperature Narration

March 03, 2017

SDG I.D.: GBX72664

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

Sarah Bell

From: Lily Wu <LWu@H2M.com>
Sent: Wednesday, March 01, 2017 2:59 PM
To: Sarah Bell
Subject: GBX72664

Hi Sarah,

For SDG# GBX72664, if possible, can you please add total chromium for sample HT-Entrance Bottom (BX72666)?

Thank you,

Lily Wu
Project Scientist
H2M architects + engineers

290 Broad Hollow Road, Suite 400E, Melville, NY 11747
tel 631.756.8000 x1611 | direct 631.392.5231 | mobile 917.846.9900

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www.h2m.com

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