

PROJECT SUMMARY
For
INTERIOR CONSTRUCTION ACTIVITIES

BROWNFIELDS CLEANUP PROGRAM
For
MOD-PAC CORP. SITE
1801 Elmwood Avenue, Buffalo, New York 14207
BCP # C915314



Prepared For:
MOD-PAC CORP.
1801 Elmwood, Buffalo, New York 14203
HEI Project No: e1601

Prepared By:
Hazard Evaluations, Inc.
3636 North Buffalo Road
Orchard Park, New York 14127
(716) 667-3130

November 7, 2019

TABLE OF CONTENTS

	<u>Page</u>
1.0 INTRODUCTION	1
1.1 Project Background	1
2.0 OVERSIGHT MEASURES	1
2.1 Oversight Tasks	1
2.2 Press-Trench Excavation	2
2.3 October 2018 – Sheeter Pit	2
2.4 February – March 2019 – Die Cutter Pit	3
2.5 March 2019 – Aerator Jogger Pit	4
2.6 March 2019 – Sheeter Pit #3	4
2.7 August 2019 – Sheeter Trenches (Sheeter #8)	5
2.8 Asbestos Abatement	5

Attachment 1 - FIGURES

Figure 1 Site Location Map

Figure 2 Interior Construction Locations

Attachment 2 - TABLES

Table 1 Summary of Analytical Results

Attachment 3 - FIELD NOTES

Attachment 4 – PHOTOGRAPHS

Attachment 5 - LABORATORY REPORTS

Attachment 6 – ACM REMOVAL DOCUMENTATION

1.0 INTRODUCTION

1.1 Project Background

This project summary incorporates observations and the results of monitoring and sample analysis (“oversight”) conducted during interior excavations and other miscellaneous mitigation and waste management activities at the MOD-PAC CORP. (MOD-PAC) facility located in the City of Buffalo, New York (Site), as shown on Figure 1 (Attachment 1). These various on-Site activities have been performed under the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP). This oversight has been performed to document site conditions related to determining whether sub-slab soil/fill contamination was encountered during interior construction activities. Regarding the miscellaneous mitigation and waste disposal activities completed, this report provides documentation. This summary report documents field work activities, results of confirmatory analytical sampling results, and contains associated figures and tables.

2.0 OVERSIGHT MEASURES

This summary is based on the review of observations and of data collected during interior construction activities from August 2017 through September 2019. Analytical results are summarized on attached Table 1 (Attachment 2). Field notes (Attachment 3), select photographs (Attachment 4), laboratory analytical reports (Attachment 5) and ACM removal documentation are presented in Attachments 3-6.

2.1 Excavation Oversight Tasks

The Site has a historical industrial use past for over the past 100 years. Due to its historical usage, impacted fill materials have been encountered during the investigative phases of this BCP Project throughout the Site, including under portions of the various buildings located on-Site. As a result, the likelihood exists that in areas of the buildings where equipment footers and other mitigative activities have been conducted that subfloor impacted soil/fill materials would be encountered.

During the performance of each subfloor excavation event, an HEI environmental professional was on-site during the later stages of excavation to screen any removed soil/fill for visual and/or olfactory observations and for total volatile compounds using a calibrated organic vapor meter (OVM) equipped with a photoionization detector (PID). If impacted soil/fill was determined to have been encountered during interior excavation activities that soil/fill material was further evaluated through sampling/analysis to determine if it required separate handling and disposal.

For each interior excavation, the construction crews made efforts to suppress airborne dust and particulate matter during the cutting and breaking of the concrete floors, and excavation of the trenches and pits. Construction crews employed wet cutting techniques and the tarping of work areas which proved to be effective for the controlling the generation and migration of dust during construction activities.

2.2 January 2018 - Press-Trench Excavation

MOD-PAC completed a production equipment upgrade which included a new printing press installation within the main press area of the building. As part of this press installation, a new foundation was required to provide adequate support necessary for the new and larger equipment. Initially, the concrete floor and footer was removed, and analytical testing was completed to verify that the concrete could be recycled off-site at Swift River facility. The foundation trench subsequently excavated was approximately 46 feet long by 5 to 10 feet wide upon completion. Appropriate screening of the excavated soil/fill and the soil/fill sidewalls of the remaining footer trench were screened as described above.

The soil/fill underlying the concrete was generally observed to be dark brown to black foundry sand with varying amounts of cinders and trace amounts of slag. Three grab samples were retrieved from the bottom of the trench and screened in the field with the OVM. Reading from the OVM ranged from non-detect to 15,000 ppm at PT-02. A strong solvent-type odor was noted in the sample from PT-02. Two additional samples were collected approximately 9 to 10 feet from PT-02 to delineate the solvent odors. Additionally, OVM readings ranged from 6,000 ppm to 15,000 ppm within the soil from the trench, as well as from sidewall confirmation samples. The soil required for excavation associated with the press-trench foundation was removed and transported to the southern portion of the Site for future landfill disposal along with soil/fill generated from the southern Site remedial area. The soil from the press-trench foundation was separately staged on plastic and covered.

Analytical confirmatory samples were collected on January 8, 2018 from the sidewalls and bottom of the trench, identified as PT01, PT02, PT03 and PT06, and analyzed for VOCs, SVOCs, metals and PCBs. Analytical results did not indicate the presence of compounds exceeding RRUSCO; however, analytical results identified matrix interference during analysis. The excavation was limited due to required soil removal associated with press installation. The excavation was backfilled with concrete appropriate to meet foundation requirements.

On May 20, 2019 the press trench was extended approximately 15 feet to the south to accommodate a change in the proposed equipment to be installed. HEI was present on-site to screen soils at the bottom and sides of the excavation. The soil/fill underlying the concrete floor was generally a dark brown to black foundry sand with varying amounts of cinders and trace amounts of slag. All OVM readings taken at that time were non-detect. No further sampling or investigation was recommended at that time.

2.3 October 2018 – Sheeter Pit

MOD-PAC continued equipment upgrading included a new sheeter in the main sheeter area to the south of the courtyard within the Building. As part of the sheeter installation, a new foundation was required to provide adequate support necessary for the new equipment. Two foundation pits were installed; Sheeter Pit #1 was approximately 24 feet by 14 feet. Sheeter Pit # 2 was approximately 14 feet by 5 feet.

Both excavations were approximately 18 inches in depth beneath the concrete floor. All concrete within the pit areas was removed and staged on the southern exterior of the Site for evaluation for off-site management.

The soil/fill underlying the concrete was observed to be generally dark brown to black foundry sand with varying amounts of cinders. Six samples from Sheeter Pit #1 and four samples from Sheeter Pit #2 were collected for screening and laboratory analysis. In addition, the sidewalls of the pits were screened in the field with an OVM. All screening readings on the OVM were non-detect. None of the samples analyzed had parameters of concern detected. The soil required for excavation associated with the sheeter pit foundation was removed and transported to the southern portion of the Site for future landfill disposal associated with southern Site remedial area. The soil from the sheeter pit foundation was separately staged on plastic and covered. No further sampling or investigation was recommended at that time. The excavation was backfilled with subbase gravel and concrete appropriate to meet foundation requirements was poured.

2.4 February - March 2019 – Die Cutter Pit

MOD-PAC continued equipment upgrading included a new die cutter in the second die cutting area in the northern portion of the Building As part of the sheeter installation. A new foundation was required to provide adequate support necessary for the new equipment. One foundation pit was installed (Die Cutter Pit) which was approximately 14 feet by 10 feet by 18” deep beneath the concrete floor. All concrete within the pit limits was removed and staged on the southern exterior of the Site for evaluation for off-site management.

The soil/fill underlying the concrete was generally dark brown to black foundry sand with varying amounts of cinders. One bottom sample was collected (the excavation was not complete at the time of the site visit) and screened in the field with an OVM. All readings from the OVM were non-detect. The soil required for excavation associated with the Die Cutter Pit foundation was removed and transported to the southern portion of the Site for future landfill disposal associated with southern Site remedial area. The soil from the Die Cutter Pit foundation was separately staged on plastic and covered.

HEI returned to the Site when the excavation was completed to obtain sidewall samples. A west well sample could not be collected due to the presence of a concrete pier. The pier was subsequently removed and backfilled with clean crushed stone. Analytical confirmatory samples were collected from the sidewalls and bottom of the pit, identified as DC-EX-BOTTOM, DC-EX-NW, DC-EX-EW, DC-EX-SW, and DC-EX-SW Duplicate. Samples were analyzed for VOCs, SVOCs, metals and PCBs. Analytical results indicated the presence of several SVOCs over IUSCOs within the bottom sample (DC-EX-BOTTOM) and included benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and dibenzo(a,h)anthracene. Benzo(k)fluoranthene and chrysene exceeded RRUSCOs. Indeno(1,2,3-cd)pyrene exceeded CUSCOs. Samples within this pit also exhibited the presence arsenic, lead, and acetone not exceeding

RRUSCOs. However, these concentrations detected are all below the applicable Site Specific Action Limits (SSALs) developed for this BCP Project. The excavation was limited due to required soil removal associated with die cutter installation. No further sampling or investigation was recommended at that time. The excavation was backfilled with subbase gravel and concrete appropriate to meet foundation requirements and to achieve a cover in excess of two feet in depth.

2.5 March 2019 – Aerator Jogger Pit

MOD-PAC continued equipment upgrading included a new aerator jogger in the south central portion of the Building. As part of the aerator jogger installation, a new foundation was required to provide adequate support necessary for the new equipment. One foundation pit was installed (Aerator Jogger Pit) which was approximately 12 feet by 12 feet by 32 inches deep beneath the concrete floor. The concrete floor within the limits of the pit was removed and staged on the southern exterior of the Site for evaluation for off-site management.

The soil/fill underlying the concrete was generally dark brown to black foundry sand with varying amounts of cinders. One bottom sample was collected (the excavation was not complete at the time of the site visit) and screened in the field with an OVM. All readings from the OVM were non-detect. The soil required for excavation associated with the pit foundation was removed and transported to the southern portion of the Site for future landfill disposal associated with southern Site remedial area. The soil from the Aerator Jogger Pit foundation was separately staged on plastic and covered.

Analytical confirmatory samples were collected from the sidewalls and bottom of the pit, identified as AJ-EX-BOTTOM, AJ-EX-NW, AJ-EX-SW, AJ-EX-EW, AJ-EX-WW, and analyzed for VOCs, SVOCs, metals and PCBs. Analytical results indicated the presence of compounds exceeding various soil cleanup objectives. All five of the submitted sample locations exceeded IUSCOs for benzo(a)pyrene, benzo(a)anthracene, arsenic, and/or dibenzo(a,h)anthracene. Four locations exceeded CUSCOs for benzo(a)anthracene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, and barium. Benzo(a)anthracene, benzo(b)fluoranthene, chrysene, indeno(1,2,3-cd)pyrene were identified in five samples and exceeded RRUSCOs. Acetone, trichloroethene, benzo(k)fluoranthene, chrysene, copper, lead, and zinc were also detected but did not exceed RRUSCOs. However, these concentrations detected are all below the applicable Site Specific Action Limits (SSALs) developed for this BCP Project. The excavation was limited due to required soil removal associated with jogger installation. Prior to the analytical results being obtained, the excavation was backfilled with subbase gravel and concrete appropriate to meet foundation requirements to achieve a cover in excess of two feet in depth.

2.6 March 2019 – Sheeter Pit #3

MOD-PAC continued equipment upgrading included another new sheeter in the main sheeter area to the south of the courtyard within the Building. As part of the sheeter installation, a new foundation was required to provide adequate support

necessary for the new equipment. A foundation pit was installed measuring approximately 10 feet by 10 feet by 18 inches deep beneath the concrete floor. The concrete floor was removed and staged on the southern exterior of the Site for evaluation for off-site management.

Analytical confirmatory samples were collected from the sidewalls and bottom of the pit, identified as Sheeter Pit #3-NW, Sheeter Pit #3-SW, Sheeter Pit #3-EW, Sheeter Pit #3-WW, and Sheeter Pit #3-Bottom, and were analyzed for VOCs, SVOCs, metals and PCBs. Analytical results indicated the presence of benzo(b)fluoranthene exceeding RRUSCO. Acetone and zinc were also detected in the pit samples but did not exceed RRUSCOs. However, these concentrations detected are all below the applicable Site Specific Action Limits (SSALs) developed for this BCP Project. The excavation was limited due to required soil removal associated with sheeter installation. The excavation was backfilled with subbase gravel and concrete appropriate to meet foundation requirements. The soil required for excavation associated with the sheeter pit foundation was removed and transported to the southern portion of the Site for future landfill disposal associated with southern Site remedial area. The soil from the sheeter pit foundation was separately staged on plastic and covered.

2.7 August 2019 – Sheeter Trenches (Sheeter #8)

MOD-PAC continued equipment upgrading included another new sheeter in the main sheeter area to the south of the courtyard within the Building. As part of the sheeter installation, a new foundation was required to provide adequate support necessary for the new equipment. Two foundation trenches were installed measuring approximately 18 inches by 24 feet by 12 inches deep beneath the concrete floor. The concrete was removed and staged on the southern exterior of the Site for evaluation for off-site management.

Dark brown fine to medium sand was removed from each trench. One bottom sample and two sidewall samples were collected from each trench and screened in the field with an OVM. All readings from the OVM were non-detect. HEI did not submit samples for analysis due to the proximity and similar soil characteristics at Sheeter Pit #3. The soil required for excavation associated with these sheeter trenches was removed and transported to the southern portion of the Site for future landfill disposal associated with southern Site remedial area. The soil from these sheeter trenches was separately staged on plastic and covered.

2.8 Asbestos Abatement

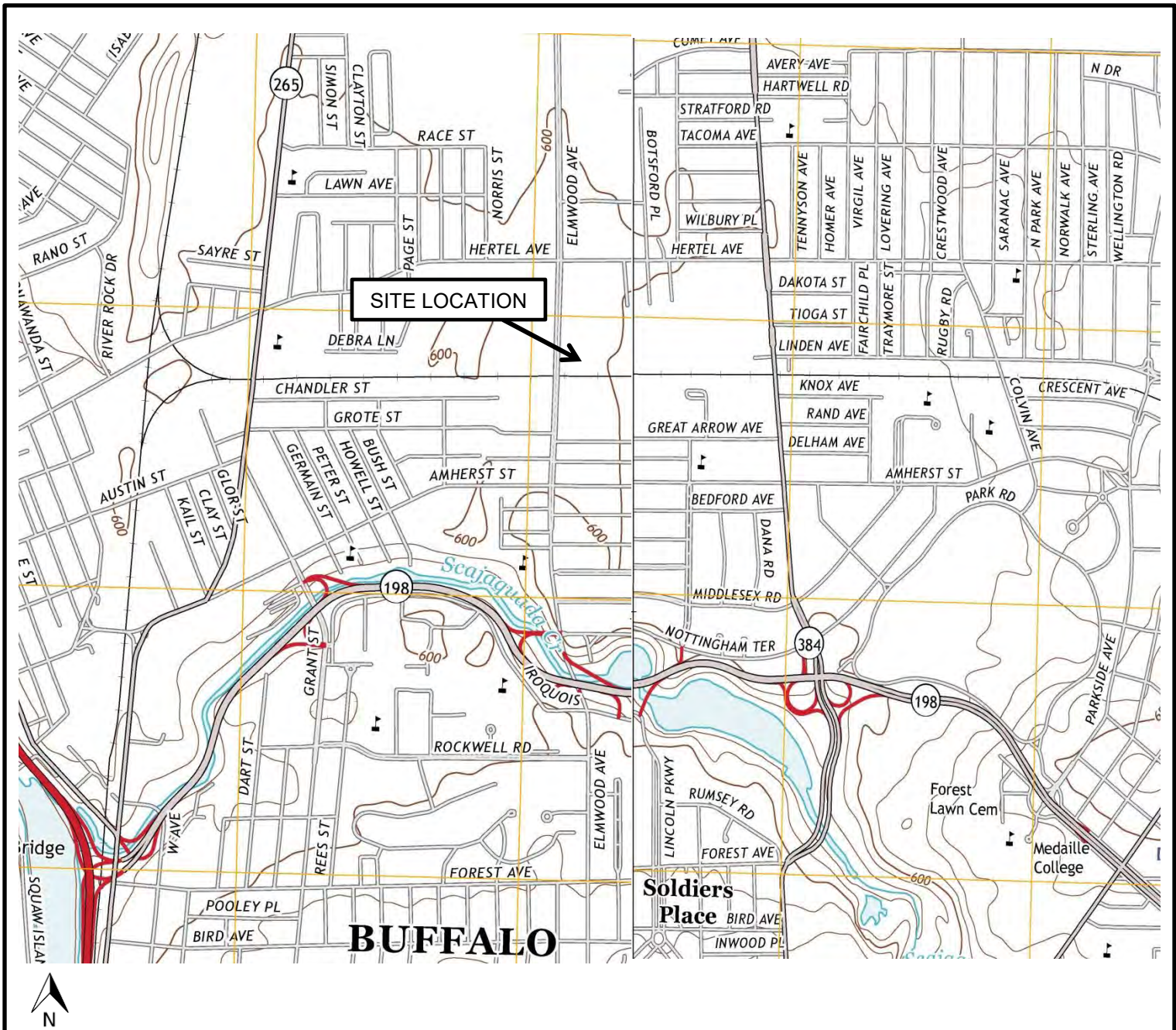
In addition to excavation activities, as part of general maintenance requirements, various areas of asbestos abatement were required to be completed, as described below:

- August 2017
 - Roofing repairs included removal and disposal of asbestos containing transite siding from an area above the paper stock room. Appropriate air monitoring was completed during this project.

- Removal and disposal of asbestos containing pipe lagging located in Area #108 of the site building. Appropriate air monitoring was completed during the project.
- November 2017
 - Removal and disposal of asbestos pipe insulation from the press room #12, 16 to 18 feet above floor level from column B2 to B7.
 - Removal and disposal of asbestos pipe insulation from the press room #12, 16 to 20 feet above floor level from column B2 to B3.
- September 2018
 - The removal and disposal of asbestos containing insulation and metal steam pipe from the new sheeter area. The work area was 20 feet above the floor level directly on column line #136 located within the facility.
- May 2019
 - The decontamination of incidental disturbance and the removal and disposal of asbestos containing steam pipe insulation and included metal steam pipe from Bin # A-243 area. The work area was in warehouse #108 20 feet above floor level located at the facility.
 - The removal and disposal of all asbestos containing insulation and metal steam pipe from the former bailer area. The work area was 20 feet above floor level located at the facility.
- July 2019
 - The removal and disposal of asbestos containing insulation and metal pipe from the press room #114. Work area was 18 feet above the floor level directly on column B-6 to B-19 located within the facility.
- August 2019
 - The removal and disposal of all asbestos containing pipe insulation which includes debris on top of concrete and dirt pad from the south west section of parking area located at the site.

Attachment 1

FIGURES



THIS DRAWING IS FOR ILLUSTRATIVE AND INFORMATIONAL PURPOSES ONLY
 AND WAS ADAPTED FROM USGS, BUFFALO NE & NW, NEW YORK 2013 QUADRANGLE.

HAZARD EVALUATIONS, INC.		
<i>Phase I/II Audits – Site Investigations – Facility Inspections</i>		
SITE LOCATION		
MOD-PAC CORP.		
1801 ELMWOOD AVE.		
BUFFALO, NEW YORK		
DRAWN BY: GB	SCALE: NOT TO SCALE	PROJECT: e1605
CHECKED BY: EB	DATE: 08/19	FIGURE NO: 1



HAZARD EVALUATIONS INC.	Interior Construction Locations	DRAWN BY: GB	SCALE: Not to Scale	PROJECT: e1605
	1801 Elmwood, Buffalo, NY	CHECKED BY: EB	DATE: 08/2019	FIGURE NO: 2

Attachment 2

TABLES

Table 1
Interior Construction Soil Analytical Results
1801 Elmwood Avenue, Buffalo, NY

Parameter	UUSCO	RRUSCO	CUSCO	IUSCO	PT-01	PT-01 Duplicate	PT-02	PT-03	PT-06	DC-EX-Bottom	DC-EX-NW	DC-EX-EW	DC-EX-SW	DC-EX-SW-Duplicate	AJ-EX-Bottom	AJ-EX-NW	AJ-EX-SW	AJ-EX-EW	AJ-EX-WW	Sheeter Pit #3-NW	Sheeter Pit #3-WW	Sheeter Pit #3-SW	Sheeter Pit #3-Bottom	Sheeter Pit #3-EW	
Alpha Job Number					L1800592	L1800592	L1800592	L1800592	L1800592	L1908144	L1908144	L1908144	L1908144	L1908144	L1908144	L1908144	L1908144	L1908144	L1908144	L1908144	L1908144	L1908144	L1908144	L1908144	L1908144
Sampling Date					01/08/18	01/08/18	01/08/18	01/08/18	01/08/18	02/27/19	03/06/19	03/06/19	03/06/19	03/06/19	03/06/19	03/06/19	03/06/19	03/06/19	03/06/19	03/06/19	03/06/19	03/06/19	03/06/19	03/06/19	03/06/19
Volatiles 8260C Analysis (ug/kg)																									
1,1,1-Trichloroethane	680	100,000	500,000	1,000,000	ND	ND	ND	2.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	100,000	500,000	1,000,000	440 J	630 J	ND	330	ND	290	140	ND	92	42	ND	ND	ND	ND	350 J	ND	49	36	74	98	20
Benzene	60	4,800	44,000	89,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.19 J	ND	ND	ND	ND	ND	12 J	ND	ND	ND	ND	ND
Bromomethane	NV	NV	NV	NV	41 J	42 J	ND	ND	40 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	NV	NV	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	66 J	67 J	ND	170 J	84 J	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	41,000	390,000	780,000	12 J	ND	ND	1.0 J	28 J	0.33 J	1.2 J	1.0 J	0.64 J	0.74 J	ND	12 J	ND	18 J	9.7 J	0.90 J	ND	0.52 J	0.4 J	ND	
Isopropylbenzene	NV	NV	NV	NV	21 J	23 J	4,400	0.52 J	210	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Acetate	NV	NV	NV	NV	ND	ND	ND	14 J	ND	ND	ND	ND	ND	ND	ND	410	ND	550	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	930	100,000	500,000	1,000,000	13 J	ND	ND	0.46 J	25 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	14 J	ND	ND	ND	ND	ND	ND
Methyl cyclohexane	NV	NV	NV	NV	43 J	100 J	ND	ND	58 J	ND	ND	ND	ND	230 J	230 J	ND	ND	260 J	180 J	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1,300	19,000	15,000	300,000	ND	ND	ND	4.7	ND	ND	ND	0.56 J	0.42 J	25 J	44	ND	47	24 J	ND	ND	ND	ND	ND	ND	ND
Toluene	700	100,000	500,000	1,000,000	36 J	38 J	430 J	1.5 J	87 J	ND	1.2	0.81 J	1.4	1.1	280	170	ND	45 J	ND	1.5	ND	1.2	1.1	ND	ND
Trichloroethene	470	21,000	200,000	400,000	ND	ND	ND	ND	ND	0.16 J	ND	ND	ND	ND	2,400	4,900	0.61	4,300	2,900	ND	ND	ND	ND	ND	ND
o-Xylene	260	100,000	500,000	1,000,000	33 J	65 J	940 J	2.9	180 J	ND	0.96 J	0.46 J	0.63 J	ND	39 J	ND	39 J	ND	41 J	24 J	0.83 J	ND	0.53 J	0.45 J	ND
p/m-Xylene	260	100,000	500,000	1,000,000	49 J	79 J	540 J	3.9	170 J	0.83 J	0.64 J	3.1	1.7 J	2.0 J	33 J	59 J	ND	55 J	38 J	3.3	ND	2.0	1.6 J	ND	ND
Semivolatile 8270D Analysis (ug/kg)																									
2-Methylnaphthalene	NV	NV	NV	NV	54 J	66 J	ND	78 J	NT	490	67 J	ND	49 J	39 J	1,000 J	950	370	260	240	ND	ND	ND	ND	67 J	ND
2-Methylphenol	NV	NV	NV	NV	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	36 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Methylphenol/4-Methylphenol	NV	NV	NV	NV	ND	ND	ND	ND	NT	75 J	ND	ND	ND	ND	100 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	20,000	100,000	500,000	1,000,000	26 J	74 J	ND	ND	NT	1,600	ND	19 J	ND	19 J	1,400	3,100	48 J	46 J	48 J	ND	ND	ND	ND	170 J	ND
Acenaphthylene	100,000	100,000	500,000	1,000,000	ND	ND	ND	ND	NT	650	ND	ND	70 J	120 J	450 J	910	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	NV	NV	NV	NV	ND	140 J	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	100,000	100,000	500,000	1,000,000	68 J	180	ND	ND	NT	5,200	ND	52 J	62 J	140	3,800	5,200	56 J	65 J	66 J	100 J	ND	ND	ND	340	ND
Benzo(a)anthracene	1,000	1,000	5,600	11,000	330	680	ND	89 J	NT	14,000	93 J	140	330	590	7,800	17,000	2,000	1,800	1,300	530	ND	ND	ND	860	ND
Benzo(a)pyrene	1,000	1,000	1,000	1,100	270	580	ND	74 J	NT	12,000	100 J	100 J	280	440	6,900	11,000	3,300	4,000	2,300	470	ND	ND	ND	710	ND
Benzo(b)fluoranthene	1,000	1,000	5,600	11,000	470	960	ND	110	NT	25,000	100 J	140	380	620	10,000	10,000	4,700	6,600	3,100	720	ND	ND	1,000	ND	
Benzo(g,h,i)perylene	100,000	100,000	500,000	1,000,000	240	440	ND	53 J	NT	6,400	76 J	55 J	140 J	220	3,600	5,900	3,800	2,500	2,600	260 J	ND	ND	370 J	ND	
Benzo(k)fluoranthene	800	3,900	56,000	110,000	160	270	ND	ND	NT	5,000	87 J	58 J	150	250	3,400	3,700	2,300	1,200	1,500	220 J	ND	ND	310	ND	
Biphenyl	NV	NV	NV	NV	ND	ND	ND	ND	NT	150 J	ND	ND	ND	ND	260	310 J	59 J	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	NV	NV	NV	NV	390	500	3,700	79 J	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	NV	NV	NV	NV	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	NV	NV	NV	NV	46 J	120 J	ND	ND	NT	2,200	ND	22 J	22 J	40 J	2,300	3,800	51 J	37 J	56 J	78 J	ND	ND	190 J	ND	
Chrysene	1,000	3,900	56,000	110,000	360	760	ND	95 J	NT	12,000	110	120	350	520	8,000	15,000	2,900	2,800	1,900	580	ND	ND	880	ND	
Dibenz(a,h)anthracene	330	330	560	1,100	54 J	90 J	ND	ND	NT	1,700	ND	ND	36 J	54 J	1,000	2,400	1,100	670	740	87 J	ND	ND	120 J	ND	
Dibenzofuran	NV	NV	NV	NV	62 J	ND	ND	41 J	NT	1,200	25 J	22 J	27 J	30 J	1,700	2,300	120 J	98 J	88 J	ND	ND	ND	92 J	ND	
Fluoranthene	100,000	100,000	500,000	1,000,000	650	1,400	300 J	180	NT	42,000	89 J	280	590	1,100	18,000	33,000	1,400	1,400	1,000	830	ND	ND	1,600 J	ND	
Fluorene	30,000	100,000	500,000	1,000,000	20 J	66 J	ND	ND	NT	2,000	ND	28 J	ND	33 J	2,200	3,300	43 J	36 J	47 J	ND	ND	ND	180 J	ND	
Indeno(1,2,3-cd)pyrene	500	500	5,600	11,000	260	ND	ND	58 J	NT	7,800	74 J	57 J	160	280	4,000	6,800	3,600	3,500	2,300	300 J	ND	ND	430	ND	
Naphthalene	12,000	100,000	500,000	1,000,000	200	200	1,100 J	160 J	NT	930	58 J	22 J	45 J	47 J	2,900	3,100	230	180	ND	ND	ND	73 J	ND	ND	
Phenanthrene	100,000	100,000	500,000	1,000,000	470	1,100	ND	180	NT	27,000	82 J	220	270	580	16,000	29,000	460	400	450	470	ND	ND	1,300	ND	
Phenol	330	100,000	500,000	1,000,000	ND	90 J	ND	ND	NT	ND	ND	ND	ND	ND	61 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	100,000	100,000	500,000	1,000,000	540	ND	260 J	150	NT	34,000	80 J	210	460	830	13,000	26,000	1,500	1,600	1,000	710	ND	ND	1,300	ND	
Metals Analysis (mg/kg)																									
Aluminum	NV	NV	NV	NV	5,230	5,270	4,130	4,010	NT	3,920	4,150	4,280	4,610	3,920	3,320	4,110	3,350	2,750	3,200	3,320	2,900	2,040	4,140	3,060	
Antimony	NV	NV	NV	NV	1.24 J	2.26 J	0.638 J	1.46 J	NT	0.872 J	0.914 J	0.449 J	0.563 J	0.773 J	2.30 J	1.76 J	0.817 J	1.04 J	0.622 J	ND	ND	ND	ND	ND	
Arsenic	13	16	16	16	5.34	5.89	3.78	5.39	NT	7.56	14.2	4.67	7.52	8.55	22.1	9.52	3.28	4.62	3.57	3.27	2.68	1.93	3.38	2.44	
Barium	350	400	400	10,000	40.6	40.2	28.6	28.3	NT	46.2	43.8	36.8	38.4	36.3	479	159	22.5	20.0	43.5	17.1	13.1	9.16	19.7	12.8	
Beryllium	7.2	72	590	2,700	0.227 J	0.228 J	0.192 J	0.199 J	NT	0.220 J	0.444	0.186 J	0.268 J	0.272 J	0.151 J	0.213 J	0.180 J	0.170 J	0.274 J	0.098 J	0.033 J	ND	0.094 J	0.075 J	
Cadmium	2.5	4.3	9.3	60	ND	ND	ND	ND	NT	0.978	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.398 J	0.124 J	0.093 J	0.307 J	0.116 J	
Calcium	NV	NV	NV	NV	44,200	38,200	27,800	30,000	NT	29,100	11,100	29,600	11,700	9,580	24,300	19,600	8,460	8,210	9,260	31,200	35,600	38,200	31,200	32,700	
Chromium, total	30	180	1,500	6,800	59.2	64.5	4.81	5.96	NT	7.05	7.92	5.39	5.14	5.03	14.2	9.62	6.25	11.5	6.55	5.72	4.70	3.85	6.53	4.77	
Cobalt	NV	NV	NV	NV	4.7	5.06	2.79	5.31	NT	2.98	3.70	3.28	3.78	3.97	3.06	4.78	1.63 J	2.22	2.11	3.22	2.13	1.97	3.17	2.11	
Copper	50	270	270	10,000	13.3	12.8	4.68	13.6	NT	14.9	15.3	3.44	9.81	11.1	39.2	31.6	182	87.1	23.0	9.32	4.06	1.40	10.0	2.34	
Iron	NV	NV	NV	NV	14,500	29,600	7,650	14,600	NT	14,700	13,800	9,900	10,600	11,800	18,900	20,100	11,300	16,500	10,600	9,480	8,610	6,590	12,600	7,700	
Lead	63	400	1,000	3,900	55.4	95.8	13.3	17.4	NT	70.3	43.3	11.2	23.2	29.0	370	88.0	16.0	11.5	22.0	10.8	16.5	2.77 J	10.2	4.92	

Attachment 3

FIELD NOTES

Mod-Pac-Corp

4/5/18 180 Elmwood Ave Buffalo, NY

weather 4°F cloudy

BCP# C915314

Tasks: Soil sampling interior trenches
 - ~~concrete~~ sampling at interior Press Trench

- HEI arrived on-site at 10:00am
 and coordinated with Dave Steffan

HEI collected concrete samples (directly
 from the spoils pile for disposal purposes
 - Analyzed for T-PCBs, TCDF, VOCs, SVOCs,
 Metals (w/ concrete-01)

HEI collected soil samples for disposal
 purposes.

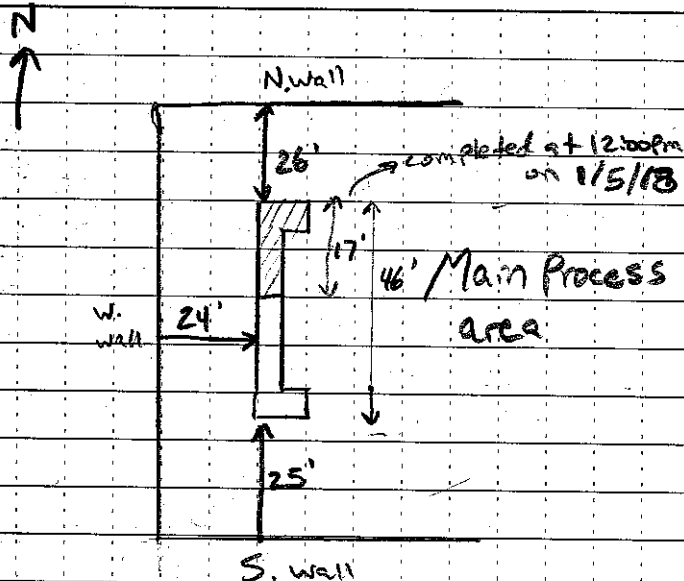
Analyzed for T-PCBs, TCDF, VOCs,
 and metals.

HEI recorded measurements of the trench's
 location

HEI left site at 12:00pm.

HEI will return early next week to collect →

Scale: 1 square = _____



representative sidewall/bottom samples due
 to upon arrival, concrete was still being
 removed and no soil excavations had
 occurred.

~ 6" of concrete (2 separate pours)
 (pour)

Lying under the concrete veneer was
 a DK Brown to Black fine-course
 sand with varying amounts of cinders and
 tr. amounts of slag.

Scale: 1 square = _____

1/8/18 1301 Elmwood Ave Buffalo, NY
BCP#C915314 35°F light snow

- HEI arrived on-site at 1:10pm
- coordinated with Dave Steffan (Mod-Pac)

- HEI task: collect Bottom Samples of "press trench"

- 3 grab samples

PID readings

- PT-01 &

Duplicate 0-2"

11ppm

location 3' off south limit

- PT-02

15,000ppm

"strong solvent odor"
0-2"

PT-03

ND

PT-04

0-2" by

6" by

157 ppm

10 ppm

sampled, was completed 9' to the south of PT-02 in an attempt to delineate the solvent odors at PT-02.

Scale: 1 square =

PT-05 - 0-2" 15,000ppm

* could not get deeper than 2" due to subbase was tough digging conditions

PT-06 - 0-2" 15,000ppm

PT-06 1" 6,000ppm

* Sample

- Trench sidewalls consisted of 9" of concrete and 3" of soil.

HEI, additionally collected soils at "PT-05 & PT-06" in an attempt to delineate solvent odors observed at PT-02.

HEI left site at 4:30pm.

Scale: 1 square =

Rite in the Rain

2/27/19

MPC

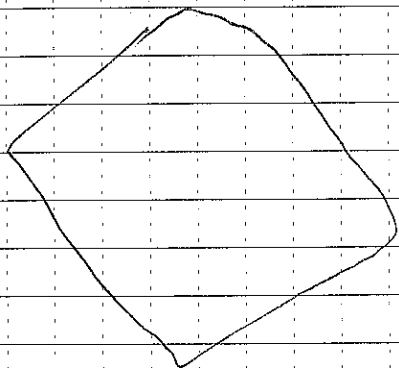
Arrived on-site \approx 1pm
@ 1001 Elmwood Ave.

Slab concrete had been
removed and staged
@ rear of facility

Excavation \approx ONE foot
Deep. Some brick
mostly dark almost
black sand.

Sample taken EX-001
@ 1:15 P

30 ft.

 $\approx 35'$
 $\approx 35'$ 

3/6/19 1801 Elmwood Ave Buffalo, NY

Weather: 12°F Sunny

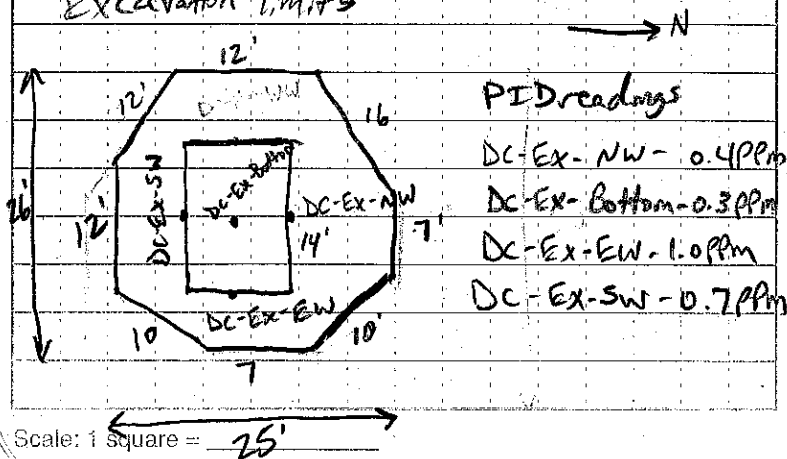
HEI arrived on-site @ 9:30am
to observe Interior construction activities
in 3 locations.

The 'Dredger Excavation' was
currently being framed up for the foundation
pour.

The contractor said that approximately
20 T of soil was removed from the
Excavation.

HEI collected four sidewall samples
and one bottom sample, within the center
of the overall Excavation.

Excavation Limits



PID readings

DC-Ex-NW - 0.4 ppm

DC-Ex-Bottom - 0.3 ppm

DC-Ex-EW - 1.0 ppm

DC-Ex-SW - 0.7 ppm

3/6/19 1801 Elmwood Ave Buffalo, NY

Weather: 12°F Sunny

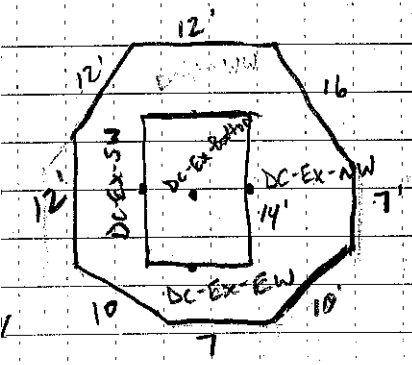
HEI arrived on-site @ 9:30am to observe Interior construction activities in 3 locations.

The 'Dredger Excavation' was currently being framed up for the foundation pour.

The contractor said that approximately 20 T of soil was removed from the excavation.

HEI collected four sidewall samples and one bottom sample within the center of the overall excavation.

Excavation Limits



PID readings

- DC-EX-NW - 0.4PPM
- DC-EX-Bottom - 0.3PPM
- DC-EX-EW - 1.0PPM
- DC-EX-SW - 0.7PPM

Scale: 1 square = 25'

The excavation was 18" bg in the center.

- A west wall sample was not obtained due to a pier was located in that area
- The pier was removed and was backfilled with clean crushed stone.

Excavation is 10' off south wall and 65' East of west wall

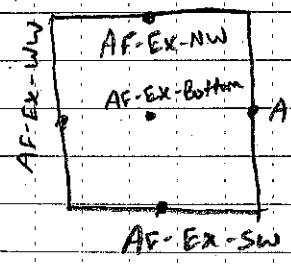
HEI moved over to the next Excavation area. 'Aerator / Jogger Pit' 'AS-EX'

- HEI began collecting representative soil samples at the sidewalls and bottom

- Contractor was still excavating at time of arrival ~ 10:50am

Excavation Limits

Excavation Dimensions
12' W x 12' L x 32" D



(PID readings)

- AS-EX-EW - 0.7PPM
- AS-EX-WW - 1PPM
- AS-EX-SW - 1.5PPM
- AS-EX-NW - 1.2PPM
- AS-EX-Bottom - 1.6PPM

Scale: 1 square =

Note in the field

The soils consisted of DK. Brown
foundry sand with Bricks, concrete, and
glass.

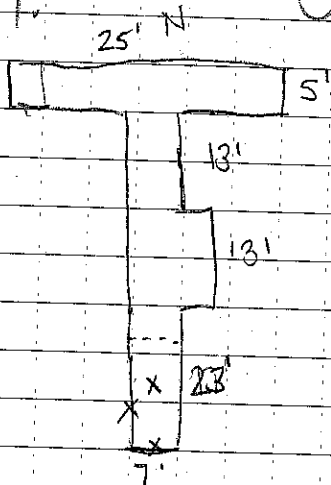
HEI left side @ 12pm

05/20/19 1801 ELMWOOD AVE; MPC

Arrived on-site @ 1 pm
 TO sample new press trench
 for the installation of a
 new press @ MPC.

The excavation was
 approximately;

According to Mike Sobczinski
 only southern 15' x 17' section
 of trench needed to be
 sampled. The rest of the
 trench was sampled at an
 earlier date during floor
 removal.



Scale: 1 square = 5

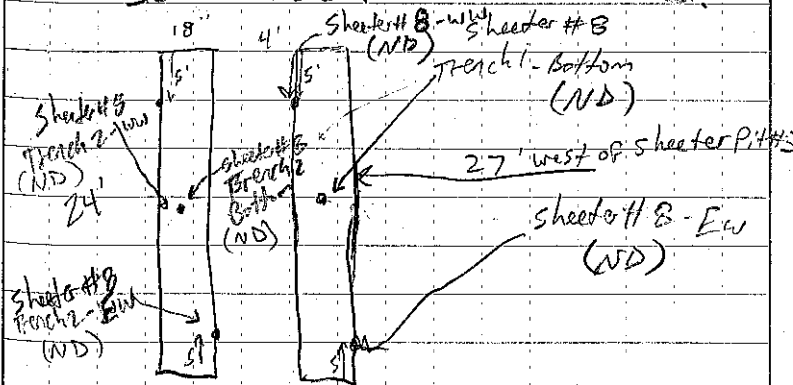
8/13/19 Mod-Pac Bep# C915314

HEI arrived on-site @ 11:30 am to provide oversight in the installation of Sheeter #8.

Work involved Installation of two trenches 18" wide x 24' long x 18" deep. "Sheeter #8 Trench 1 & Sheeter #8 Trench 2". 6" of concrete was removed then 12" of Dk Brown f/m sand.

HEI collected representative sidewall and bottom samples and screened for potential VOCs.

Within each Trench one bottom and two side wall samples were collected.

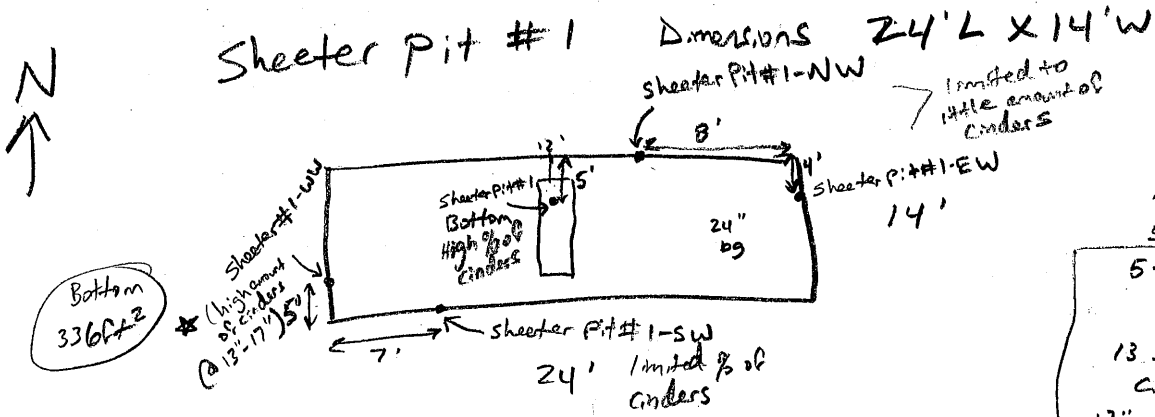


- All soil samples were screened with the PID and came back as 'ND'.

HEI did not submit the samples for analysis due to the similar conditions observed at street PID #3.

- HEI observed the work progress that has been made on the SDS system in the Area A. Matrix was finishing up hanging overhead piping. All 10 extraction points have been completed.

HEI left the site @ 12:30 PM.



- 20" of soil removed

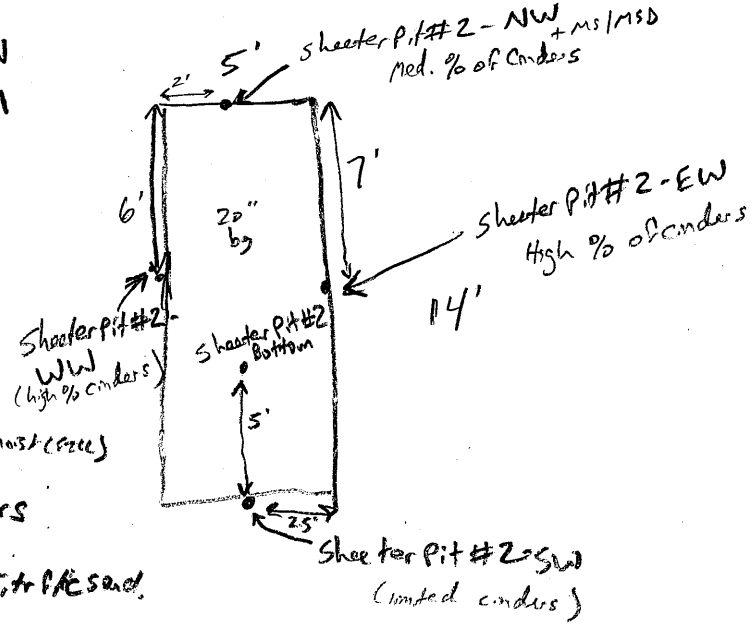
~ Total 24" bg
5" of concrete

- 5-13" Black f/c sand, little cinders, moist (FILL)
- 13-17" Light Brown f/c sand tr. cinders, moist (FILL) grab to some cinders.
- 17"-24" Black to Gummetal black f/c sand tr. cinders, moist (FILL)
- 24"-34" Black f/c sand, some cinders, moist (FILL)

* At the west wall and the south wall the 13-17" layer was focused on more due to clumping of sediment (potential pherolites)

Sheeter Pit #2 located 17' to the east of Pit #1

- 15" of soil removed
- 5" of concrete
- 5-12" Black f/c sand and cinders, moist (FILL)
- 12-20" " " grades to tr. cinders



Total Bottom Pit 2

70ft²

@ 24" by red/brown CLAY & SILT, tr. f/c sand, tr. Gravel, moist.

* All samples were ND on the PID.

6' to the north wall for both pits

Sheeter Pit #2 is 50' to the west of the Wall Partition & a total of 335' from the eastern most wall in the cold storage area where the front end loader is parked.

Attachment 4
PHOTOGRAPHS



1. View of the Press Trench 01.



2. View of Press Trench 02.



3. View of Press Trench 03.



4. View of Press Trench 04.



5. View of Press Trench 06.



6. View of the Aerator Jogger Pit.



7.	View of the Die Cutter Pit composition.	8.	View of Sheeter Pit #3.

Attachment 5

LABORTOARY REPORTS



ANALYTICAL REPORT

Lab Number:	L1800592
Client:	Hazard Evaluations, Inc. 3636 North Buffalo Road Orchard Park, NY 14127
ATTN:	Michele Wittman
Phone:	(716) 667-3130
Project Name:	REM. INVES. BCP#C915314(PRESS)
Project Number:	E1605
Report Date:	01/15/18

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1800592-01	PT-01	SOIL	1801 ELMWOOD AVE., BUFFALO, NY	01/08/18 13:30	01/09/18
L1800592-02	PT-01 DUPLICATE	SOIL	1801 ELMWOOD AVE., BUFFALO, NY	01/08/18 13:30	01/09/18
L1800592-03	PT-02	SOIL	1801 ELMWOOD AVE., BUFFALO, NY	01/08/18 14:00	01/09/18
L1800592-04	PT-03	SOIL	1801 ELMWOOD AVE., BUFFALO, NY	01/08/18 15:00	01/09/18
L1800592-05	PT-06	SOIL	1801 ELMWOOD AVE., BUFFALO, NY	01/08/18 15:35	01/09/18
L1800592-06	EQUIPMENT RINSATE-5	WATER	1801 ELMWOOD AVE., BUFFALO, NY	01/08/18 16:00	01/09/18

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1800592-01, -02 and -05: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

L1800592-03: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

Semivolatile Organics

L1800592-03: The sample has elevated detection limits due to the dilution required by the sample matrix.

The WG1079914-4/-5 MS/MSD recoveries, performed on L1800592-04, are below the acceptance criteria for 2,4-dinitrophenol (0%/0%) due to the concentration of this compound falling below the reported detection limit.

Total Metals

L1800592-01 through -04: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1079869-3/-4 MS/MSD recoveries for aluminum (677%/767%), calcium (313%/236%), iron (0%/472%), magnesium (MSD at 71%) and manganese (63%/193%), performed on L1800592-04, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1079869-3/-4 MS/MSD recoveries, performed on L1800592-04, are outside the acceptance criteria for copper (74%/72%), sodium (128%/126%) and thallium (72%/68%). A post digestion spike was performed and yielded unacceptable recoveries for sodium (151%) and thallium (172%); all other compounds were within acceptance criteria. This has been attributed to sample matrix.

The WG1079869-3/-4 MS/MSD RPD for iron (23%), performed on L1800592-04, is above the acceptance criteria.

The WG1079993-3/-4 MS/MSD recoveries, performed on L1800592-04, are outside the acceptance criteria

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605


Lab Number: L1800592
Report Date: 01/15/18

Case Narrative (continued)

for mercury (135%/139%). A post digestion spike was performed and was within acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Michelle M. Morris

Title: Technical Director/Representative

Date: 01/15/18

ORGANICS

VOLATILES

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-01
Client ID: PT-01
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Date Collected: 01/08/18 13:30
Date Received: 01/09/18
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/14/18 15:40
Analyst: JC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	640	110	1
1,1-Dichloroethane	ND		ug/kg	96	17.	1
Chloroform	ND		ug/kg	96	24.	1
Carbon tetrachloride	ND		ug/kg	64	22.	1
1,2-Dichloropropane	ND		ug/kg	220	15.	1
Dibromochloromethane	ND		ug/kg	64	11.	1
1,1,2-Trichloroethane	ND		ug/kg	96	20.	1
Tetrachloroethene	ND		ug/kg	64	19.	1
Chlorobenzene	ND		ug/kg	64	22.	1
Trichlorofluoromethane	ND		ug/kg	320	27.	1
1,2-Dichloroethane	ND		ug/kg	64	16.	1
1,1,1-Trichloroethane	ND		ug/kg	64	22.	1
Bromodichloromethane	ND		ug/kg	64	20.	1
trans-1,3-Dichloropropene	ND		ug/kg	64	13.	1
cis-1,3-Dichloropropene	ND		ug/kg	64	15.	1
Bromoform	ND		ug/kg	260	15.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	64	19.	1
Benzene	ND		ug/kg	64	12.	1
Toluene	36	J	ug/kg	96	12.	1
Ethylbenzene	12	J	ug/kg	64	11.	1
Chloromethane	ND		ug/kg	320	28.	1
Bromomethane	41	J	ug/kg	130	22.	1
Vinyl chloride	ND		ug/kg	130	20.	1
Chloroethane	ND		ug/kg	130	20.	1
1,1-Dichloroethene	ND		ug/kg	64	24.	1
trans-1,2-Dichloroethene	ND		ug/kg	96	15.	1
Trichloroethene	ND		ug/kg	64	19.	1
1,2-Dichlorobenzene	ND		ug/kg	320	12.	1
1,3-Dichlorobenzene	ND		ug/kg	320	14.	1
1,4-Dichlorobenzene	ND		ug/kg	320	12.	1

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-01
Client ID: PT-01
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Date Collected: 01/08/18 13:30
Date Received: 01/09/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	13	J	ug/kg	130	9.8	1
p/m-Xylene	49	J	ug/kg	130	22.	1
o-Xylene	33	J	ug/kg	130	22.	1
cis-1,2-Dichloroethene	ND		ug/kg	64	22.	1
Styrene	ND		ug/kg	130	26.	1
Dichlorodifluoromethane	ND		ug/kg	640	32.	1
Acetone	440	J	ug/kg	640	150	1
Carbon disulfide	ND		ug/kg	640	71.	1
2-Butanone	ND		ug/kg	640	44.	1
4-Methyl-2-pentanone	ND		ug/kg	640	16.	1
2-Hexanone	ND		ug/kg	640	43.	1
Bromochloromethane	ND		ug/kg	320	23.	1
1,2-Dibromoethane	ND		ug/kg	260	13.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	320	25.	1
Isopropylbenzene	21	J	ug/kg	64	12.	1
1,2,3-Trichlorobenzene	ND		ug/kg	320	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	320	14.	1
Methyl Acetate	ND		ug/kg	1300	30.	1
Cyclohexane	ND		ug/kg	1300	28.	1
1,4-Dioxane	ND		ug/kg	2600	930	1
Freon-113	ND		ug/kg	1300	33.	1
Methyl cyclohexane	43	J	ug/kg	260	15.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	96		70-130

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-02
Client ID: PT-01 DUPLICATE
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Date Collected: 01/08/18 13:30
Date Received: 01/09/18
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/14/18 16:06
Analyst: JC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1100	180	1
1,1-Dichloroethane	ND		ug/kg	160	29.	1
Chloroform	ND		ug/kg	160	40.	1
Carbon tetrachloride	ND		ug/kg	110	37.	1
1,2-Dichloropropane	ND		ug/kg	380	25.	1
Dibromochloromethane	ND		ug/kg	110	19.	1
1,1,2-Trichloroethane	ND		ug/kg	160	34.	1
Tetrachloroethene	ND		ug/kg	110	33.	1
Chlorobenzene	ND		ug/kg	110	38.	1
Trichlorofluoromethane	ND		ug/kg	540	45.	1
1,2-Dichloroethane	ND		ug/kg	110	26.	1
1,1,1-Trichloroethane	ND		ug/kg	110	38.	1
Bromodichloromethane	ND		ug/kg	110	33.	1
trans-1,3-Dichloropropene	ND		ug/kg	110	22.	1
cis-1,3-Dichloropropene	ND		ug/kg	110	25.	1
Bromoform	ND		ug/kg	430	26.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	110	32.	1
Benzene	ND		ug/kg	110	21.	1
Toluene	38	J	ug/kg	160	21.	1
Ethylbenzene	ND		ug/kg	110	18.	1
Chloromethane	ND		ug/kg	540	47.	1
Bromomethane	42	J	ug/kg	220	36.	1
Vinyl chloride	ND		ug/kg	220	34.	1
Chloroethane	ND		ug/kg	220	34.	1
1,1-Dichloroethene	ND		ug/kg	110	40.	1
trans-1,2-Dichloroethene	ND		ug/kg	160	26.	1
Trichloroethene	ND		ug/kg	110	33.	1
1,2-Dichlorobenzene	ND		ug/kg	540	20.	1
1,3-Dichlorobenzene	ND		ug/kg	540	24.	1
1,4-Dichlorobenzene	ND		ug/kg	540	20.	1

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-02
Client ID: PT-01 DUPLICATE
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Date Collected: 01/08/18 13:30
Date Received: 01/09/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	220	16.	1
p/m-Xylene	79	J	ug/kg	220	38.	1
o-Xylene	65	J	ug/kg	220	36.	1
cis-1,2-Dichloroethene	ND		ug/kg	110	37.	1
Styrene	ND		ug/kg	220	43.	1
Dichlorodifluoromethane	ND		ug/kg	1100	54.	1
Acetone	630	J	ug/kg	1100	250	1
Carbon disulfide	ND		ug/kg	1100	120	1
2-Butanone	ND		ug/kg	1100	74.	1
4-Methyl-2-pentanone	ND		ug/kg	1100	26.	1
2-Hexanone	ND		ug/kg	1100	72.	1
Bromochloromethane	ND		ug/kg	540	38.	1
1,2-Dibromoethane	ND		ug/kg	430	22.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	540	43.	1
Isopropylbenzene	23	J	ug/kg	110	21.	1
1,2,3-Trichlorobenzene	ND		ug/kg	540	27.	1
1,2,4-Trichlorobenzene	ND		ug/kg	540	23.	1
Methyl Acetate	ND		ug/kg	2200	50.	1
Cyclohexane	ND		ug/kg	2200	47.	1
1,4-Dioxane	ND		ug/kg	4300	1600	1
Freon-113	ND		ug/kg	2200	56.	1
Methyl cyclohexane	100	J	ug/kg	430	26.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	97		70-130

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-03 D
Client ID: PT-02
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Date Collected: 01/08/18 14:00
Date Received: 01/09/18
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/14/18 16:31
Analyst: JC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14000	2200	20
1,1-Dichloroethane	ND		ug/kg	2000	360	20
Chloroform	ND		ug/kg	2000	500	20
Carbon tetrachloride	ND		ug/kg	1400	470	20
1,2-Dichloropropane	ND		ug/kg	4700	310	20
Dibromochloromethane	ND		ug/kg	1400	240	20
1,1,2-Trichloroethane	ND		ug/kg	2000	420	20
Tetrachloroethene	ND		ug/kg	1400	410	20
Chlorobenzene	ND		ug/kg	1400	470	20
Trichlorofluoromethane	ND		ug/kg	6800	560	20
1,2-Dichloroethane	ND		ug/kg	1400	330	20
1,1,1-Trichloroethane	ND		ug/kg	1400	470	20
Bromodichloromethane	ND		ug/kg	1400	420	20
trans-1,3-Dichloropropene	ND		ug/kg	1400	280	20
cis-1,3-Dichloropropene	ND		ug/kg	1400	310	20
Bromoform	ND		ug/kg	5400	320	20
1,1,2,2-Tetrachloroethane	ND		ug/kg	1400	400	20
Benzene	ND		ug/kg	1400	260	20
Toluene	430	J	ug/kg	2000	260	20
Ethylbenzene	ND		ug/kg	1400	230	20
Chloromethane	ND		ug/kg	6800	590	20
Bromomethane	ND		ug/kg	2700	460	20
Vinyl chloride	ND		ug/kg	2700	430	20
Chloroethane	ND		ug/kg	2700	430	20
1,1-Dichloroethene	ND		ug/kg	1400	500	20
trans-1,2-Dichloroethene	ND		ug/kg	2000	330	20
Trichloroethene	ND		ug/kg	1400	410	20
1,2-Dichlorobenzene	ND		ug/kg	6800	250	20
1,3-Dichlorobenzene	ND		ug/kg	6800	300	20
1,4-Dichlorobenzene	ND		ug/kg	6800	250	20

Project Name: REM. INVES. BCP#C915314(PRESS)**Lab Number:** L1800592**Project Number:** E1605**Report Date:** 01/15/18**SAMPLE RESULTS**

Lab ID: L1800592-03 D

Date Collected: 01/08/18 14:00

Client ID: PT-02

Date Received: 01/09/18

Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2700	210	20
p/m-Xylene	540	J	ug/kg	2700	480	20
o-Xylene	940	J	ug/kg	2700	460	20
cis-1,2-Dichloroethene	ND		ug/kg	1400	460	20
Styrene	ND		ug/kg	2700	540	20
Dichlorodifluoromethane	ND		ug/kg	14000	680	20
Acetone	ND		ug/kg	14000	3100	20
Carbon disulfide	ND		ug/kg	14000	1500	20
2-Butanone	ND		ug/kg	14000	940	20
4-Methyl-2-pentanone	ND		ug/kg	14000	330	20
2-Hexanone	ND		ug/kg	14000	900	20
Bromochloromethane	ND		ug/kg	6800	480	20
1,2-Dibromoethane	ND		ug/kg	5400	270	20
1,2-Dibromo-3-chloropropane	ND		ug/kg	6800	540	20
Isopropylbenzene	4400		ug/kg	1400	260	20
1,2,3-Trichlorobenzene	ND		ug/kg	6800	340	20
1,2,4-Trichlorobenzene	ND		ug/kg	6800	290	20
Methyl Acetate	ND		ug/kg	27000	630	20
Cyclohexane	ND		ug/kg	27000	590	20
1,4-Dioxane	ND		ug/kg	54000	20000	20
Freon-113	ND		ug/kg	27000	700	20
Methyl cyclohexane	ND		ug/kg	5400	320	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	88		70-130
4-Bromofluorobenzene	124		70-130
Dibromofluoromethane	98		70-130

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-04
Client ID: PT-03
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Date Collected: 01/08/18 15:00
Date Received: 01/09/18
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/12/18 21:48
Analyst: BD
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	2.2	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.37	1
Chloroform	ND		ug/kg	2.0	0.51	1
Carbon tetrachloride	ND		ug/kg	1.4	0.47	1
1,2-Dichloropropane	ND		ug/kg	4.8	0.31	1
Dibromochloromethane	ND		ug/kg	1.4	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.43	1
Tetrachloroethene	4.7		ug/kg	1.4	0.41	1
Chlorobenzene	ND		ug/kg	1.4	0.48	1
Trichlorofluoromethane	ND		ug/kg	6.8	0.57	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.34	1
1,1,1-Trichloroethane	2.2		ug/kg	1.4	0.48	1
Bromodichloromethane	ND		ug/kg	1.4	0.42	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.32	1
Bromoform	ND		ug/kg	5.5	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.41	1
Benzene	ND		ug/kg	1.4	0.26	1
Toluene	1.5	J	ug/kg	2.0	0.27	1
Ethylbenzene	1.0	J	ug/kg	1.4	0.23	1
Chloromethane	ND		ug/kg	6.8	0.60	1
Bromomethane	ND		ug/kg	2.7	0.46	1
Vinyl chloride	ND		ug/kg	2.7	0.43	1
Chloroethane	ND		ug/kg	2.7	0.43	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.51	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.33	1
Trichloroethene	ND		ug/kg	1.4	0.41	1
1,2-Dichlorobenzene	ND		ug/kg	6.8	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	6.8	0.30	1
1,4-Dichlorobenzene	ND		ug/kg	6.8	0.25	1

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-04
Client ID: PT-03
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Date Collected: 01/08/18 15:00
Date Received: 01/09/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.7	0.21	1
p/m-Xylene	3.9		ug/kg	2.7	0.48	1
o-Xylene	2.9		ug/kg	2.7	0.46	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.47	1
Styrene	ND		ug/kg	2.7	0.55	1
Dichlorodifluoromethane	ND		ug/kg	14	0.68	1
Acetone	330		ug/kg	14	3.1	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.94	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.33	1
2-Hexanone	ND		ug/kg	14	0.91	1
Bromochloromethane	ND		ug/kg	6.8	0.49	1
1,2-Dibromoethane	ND		ug/kg	5.5	0.27	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.8	0.54	1
Isopropylbenzene	0.52	J	ug/kg	1.4	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.8	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.8	0.29	1
Methyl Acetate	14	J	ug/kg	27	0.63	1
Cyclohexane	ND		ug/kg	27	0.59	1
1,4-Dioxane	ND		ug/kg	55	20.	1
Freon-113	ND		ug/kg	27	0.70	1
Methyl cyclohexane	0.46	J	ug/kg	5.5	0.33	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-05
Client ID: PT-06
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Date Collected: 01/08/18 15:35
Date Received: 01/09/18
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/14/18 16:57
Analyst: JC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	940	160	1
1,1-Dichloroethane	ND		ug/kg	140	25.	1
Chloroform	ND		ug/kg	140	35.	1
Carbon tetrachloride	ND		ug/kg	94	32.	1
1,2-Dichloropropane	ND		ug/kg	330	21.	1
Dibromochloromethane	ND		ug/kg	94	16.	1
1,1,2-Trichloroethane	ND		ug/kg	140	29.	1
Tetrachloroethene	ND		ug/kg	94	28.	1
Chlorobenzene	ND		ug/kg	94	33.	1
Trichlorofluoromethane	ND		ug/kg	470	39.	1
1,2-Dichloroethane	ND		ug/kg	94	23.	1
1,1,1-Trichloroethane	ND		ug/kg	94	33.	1
Bromodichloromethane	ND		ug/kg	94	29.	1
trans-1,3-Dichloropropene	ND		ug/kg	94	20.	1
cis-1,3-Dichloropropene	ND		ug/kg	94	22.	1
Bromoform	ND		ug/kg	380	22.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	94	28.	1
Benzene	ND		ug/kg	94	18.	1
Toluene	87	J	ug/kg	140	18.	1
Ethylbenzene	28	J	ug/kg	94	16.	1
Chloromethane	ND		ug/kg	470	41.	1
Bromomethane	40	J	ug/kg	190	32.	1
Vinyl chloride	ND		ug/kg	190	30.	1
Chloroethane	ND		ug/kg	190	30.	1
1,1-Dichloroethene	ND		ug/kg	94	35.	1
trans-1,2-Dichloroethene	ND		ug/kg	140	23.	1
Trichloroethene	ND		ug/kg	94	28.	1
1,2-Dichlorobenzene	ND		ug/kg	470	17.	1
1,3-Dichlorobenzene	ND		ug/kg	470	20.	1
1,4-Dichlorobenzene	ND		ug/kg	470	17.	1

Project Name: REM. INVES. BCP#C915314(PRESS)**Lab Number:** L1800592**Project Number:** E1605**Report Date:** 01/15/18**SAMPLE RESULTS**

Lab ID: L1800592-05

Date Collected: 01/08/18 15:35

Client ID: PT-06

Date Received: 01/09/18

Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	25	J	ug/kg	190	14.	1
p/m-Xylene	170	J	ug/kg	190	33.	1
o-Xylene	180	J	ug/kg	190	32.	1
cis-1,2-Dichloroethene	ND		ug/kg	94	32.	1
Styrene	ND		ug/kg	190	38.	1
Dichlorodifluoromethane	ND		ug/kg	940	47.	1
Acetone	ND		ug/kg	940	220	1
Carbon disulfide	ND		ug/kg	940	100	1
2-Butanone	ND		ug/kg	940	65.	1
4-Methyl-2-pentanone	ND		ug/kg	940	23.	1
2-Hexanone	ND		ug/kg	940	62.	1
Bromochloromethane	ND		ug/kg	470	34.	1
1,2-Dibromoethane	ND		ug/kg	380	19.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	470	37.	1
Isopropylbenzene	210		ug/kg	94	18.	1
1,2,3-Trichlorobenzene	ND		ug/kg	470	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	470	20.	1
Methyl Acetate	ND		ug/kg	1900	44.	1
Cyclohexane	ND		ug/kg	1900	41.	1
1,4-Dioxane	ND		ug/kg	3800	1400	1
Freon-113	ND		ug/kg	1900	48.	1
Methyl cyclohexane	58	J	ug/kg	380	22.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	88		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	96		70-130

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-06
Client ID: EQUIPMENT RINSATE-5
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Date Collected: 01/08/18 16:00
Date Received: 01/09/18
Field Prep: Not Specified

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/10/18 13:30
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-06
Client ID: EQUIPMENT RINSATE-5
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Date Collected: 01/08/18 16:00
Date Received: 01/09/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	100		70-130

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/10/18 09:14
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1079885-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/10/18 09:14
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1079885-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 01/10/18 09:14
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1079885-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	103		70-130

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/12/18 14:02
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04 Batch: WG1080568-5					
Methylene chloride	7.0	J	ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	0.24	J	ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	0.54	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 01/12/18 14:02
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04 Batch: WG1080568-5					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	2.7	J	ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.19
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
Methyl Acetate	ND		ug/kg	20	0.46
Cyclohexane	ND		ug/kg	20	0.43
1,4-Dioxane	ND		ug/kg	40	14.
Freon-113	ND		ug/kg	20	0.51
Methyl cyclohexane	ND		ug/kg	4.0	0.24

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 01/12/18 14:02
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04 Batch: WG1080568-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	97		70-130

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/14/18 14:23
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05 Batch: WG1080869-5					
Methylene chloride	100	J	ug/kg	500	82.
1,1-Dichloroethane	ND		ug/kg	75	14.
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	17.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	8.8
1,1,2-Trichloroethane	ND		ug/kg	75	16.
Tetrachloroethene	ND		ug/kg	50	15.
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	21.
1,2-Dichloroethane	ND		ug/kg	50	12.
1,1,1-Trichloroethane	ND		ug/kg	50	18.
Bromodichloromethane	ND		ug/kg	50	15.
trans-1,3-Dichloropropene	ND		ug/kg	50	10.
cis-1,3-Dichloropropene	ND		ug/kg	50	12.
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	15.
Benzene	ND		ug/kg	50	9.6
Toluene	ND		ug/kg	75	9.8
Ethylbenzene	ND		ug/kg	50	8.5
Chloromethane	ND		ug/kg	250	22.
Bromomethane	63	J	ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	16.
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	19.
trans-1,2-Dichloroethene	ND		ug/kg	75	12.
Trichloroethene	ND		ug/kg	50	15.
1,2-Dichlorobenzene	ND		ug/kg	250	9.1
1,3-Dichlorobenzene	ND		ug/kg	250	11.

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 01/14/18 14:23
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05 Batch: WG1080869-5					
1,4-Dichlorobenzene	ND		ug/kg	250	9.1
Methyl tert butyl ether	ND		ug/kg	100	7.6
p/m-Xylene	ND		ug/kg	100	18.
o-Xylene	ND		ug/kg	100	17.
cis-1,2-Dichloroethene	ND		ug/kg	50	17.
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	25.
Acetone	ND		ug/kg	500	110
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	34.
4-Methyl-2-pentanone	ND		ug/kg	500	12.
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	18.
1,2-Dibromoethane	ND		ug/kg	200	10.
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Isopropylbenzene	ND		ug/kg	50	9.7
1,2,3-Trichlorobenzene	ND		ug/kg	250	12.
1,2,4-Trichlorobenzene	ND		ug/kg	250	11.
Methyl Acetate	ND		ug/kg	1000	23.
Cyclohexane	ND		ug/kg	1000	22.
1,4-Dioxane	ND		ug/kg	2000	720
Freon-113	ND		ug/kg	1000	26.
Methyl cyclohexane	ND		ug/kg	200	12.

Project Name: REM. INVES. BCP#C915314(PRESS)**Lab Number:** L1800592**Project Number:** E1605**Report Date:** 01/15/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 01/14/18 14:23
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05 Batch: WG1080869-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1079885-3 WG1079885-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	120		110		70-130	9		20
Carbon tetrachloride	120		110		63-132	9		20
1,2-Dichloropropane	110		100		70-130	10		20
Dibromochloromethane	100		99		63-130	1		20
1,1,2-Trichloroethane	96		96		70-130	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	120		120		70-130	0		20
1,1,1-Trichloroethane	120		110		67-130	9		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	89		89		70-130	0		20
cis-1,3-Dichloropropene	110		100		70-130	10		20
Bromoform	97		100		54-136	3		20
1,1,2,2-Tetrachloroethane	87		90		67-130	3		20
Benzene	110		100		70-130	10		20
Toluene	99		96		70-130	3		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	74		69		64-130	7		20
Bromomethane	90		88		39-139	2		20
Vinyl chloride	90		87		55-140	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1079885-3 WG1079885-4								
Chloroethane	120		110		55-138	9		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	120		110		70-130	9		20
1,2-Dichlorobenzene	98		97		70-130	1		20
1,3-Dichlorobenzene	100		99		70-130	1		20
1,4-Dichlorobenzene	100		97		70-130	3		20
Methyl tert butyl ether	96		95		63-130	1		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	110		110		70-130	0		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Styrene	110		105		70-130	5		20
Dichlorodifluoromethane	110		100		36-147	10		20
Acetone	79		76		58-148	4		20
Carbon disulfide	99		94		51-130	5		20
2-Butanone	88		80		63-138	10		20
4-Methyl-2-pentanone	88		90		59-130	2		20
2-Hexanone	78		78		57-130	0		20
Bromochloromethane	120		120		70-130	0		20
1,2-Dibromoethane	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	82		94		41-144	14		20
Isopropylbenzene	96		93		70-130	3		20
1,2,3-Trichlorobenzene	91		110		70-130	19		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1079885-3 WG1079885-4								
1,2,4-Trichlorobenzene	95		100		70-130	5		20
Methyl Acetate	90		86		70-130	5		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	96		102		56-162	6		20
Freon-113	130		120		70-130	8		20
Methyl cyclohexane	120		120		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		105		70-130
Toluene-d8	89		90		70-130
4-Bromofluorobenzene	87		87		70-130
Dibromofluoromethane	106		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG1080568-3 WG1080568-4								
Methylene chloride	126		131	Q	70-130	4		30
1,1-Dichloroethane	115		115		70-130	0		30
Chloroform	108		109		70-130	1		30
Carbon tetrachloride	101		102		70-130	1		30
1,2-Dichloropropane	116		118		70-130	2		30
Dibromochloromethane	91		92		70-130	1		30
1,1,2-Trichloroethane	94		95		70-130	1		30
Tetrachloroethene	80		79		70-130	1		30
Chlorobenzene	86		87		70-130	1		30
Trichlorofluoromethane	102		101		70-139	1		30
1,2-Dichloroethane	108		110		70-130	2		30
1,1,1-Trichloroethane	103		103		70-130	0		30
Bromodichloromethane	110		112		70-130	2		30
trans-1,3-Dichloropropene	93		95		70-130	2		30
cis-1,3-Dichloropropene	109		110		70-130	1		30
Bromoform	88		90		70-130	2		30
1,1,2,2-Tetrachloroethane	94		97		70-130	3		30
Benzene	109		110		70-130	1		30
Toluene	90		90		70-130	0		30
Ethylbenzene	89		89		70-130	0		30
Chloromethane	116		115		52-130	1		30
Bromomethane	111		111		57-147	0		30
Vinyl chloride	110		108		67-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG1080568-3 WG1080568-4								
Chloroethane	110		111		50-151	1		30
1,1-Dichloroethene	103		102		65-135	1		30
trans-1,2-Dichloroethene	104		103		70-130	1		30
Trichloroethene	102		102		70-130	0		30
1,2-Dichlorobenzene	80		82		70-130	2		30
1,3-Dichlorobenzene	80		80		70-130	0		30
1,4-Dichlorobenzene	79		80		70-130	1		30
Methyl tert butyl ether	96		99		66-130	3		30
p/m-Xylene	87		87		70-130	0		30
o-Xylene	89		89		70-130	0		30
cis-1,2-Dichloroethene	105		105		70-130	0		30
Styrene	88		89		70-130	1		30
Dichlorodifluoromethane	99		98		30-146	1		30
Acetone	120		130		54-140	8		30
Carbon disulfide	109		108		59-130	1		30
2-Butanone	125		132	Q	70-130	5		30
4-Methyl-2-pentanone	92		96		70-130	4		30
2-Hexanone	93		97		70-130	4		30
Bromochloromethane	104		105		70-130	1		30
1,2-Dibromoethane	86		88		70-130	2		30
1,2-Dibromo-3-chloropropane	78		83		68-130	6		30
Isopropylbenzene	83		84		70-130	1		30
1,2,3-Trichlorobenzene	73		74		70-130	1		30

Lab Control Sample Analysis Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG1080568-3 WG1080568-4								
1,2,4-Trichlorobenzene	72		73		70-130	1		30
Methyl Acetate	125		129		51-146	3		30
Cyclohexane	120		120		59-142	0		30
1,4-Dioxane	120		128		65-136	6		30
Freon-113	112		111		50-139	1		30
Methyl cyclohexane	113		112		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		101		70-130
Toluene-d8	92		93		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	100		100		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1080869-3 WG1080869-4								
Methylene chloride	118		114		70-130	3		30
1,1-Dichloroethane	119		114		70-130	4		30
Chloroform	112		110		70-130	2		30
Carbon tetrachloride	110		108		70-130	2		30
1,2-Dichloropropane	122		120		70-130	2		30
Dibromochloromethane	91		90		70-130	1		30
1,1,2-Trichloroethane	95		94		70-130	1		30
Tetrachloroethene	85		83		70-130	2		30
Chlorobenzene	89		87		70-130	2		30
Trichlorofluoromethane	111		108		70-139	3		30
1,2-Dichloroethane	110		109		70-130	1		30
1,1,1-Trichloroethane	111		108		70-130	3		30
Bromodichloromethane	114		112		70-130	2		30
trans-1,3-Dichloropropene	94		93		70-130	1		30
cis-1,3-Dichloropropene	113		112		70-130	1		30
Bromoform	90		88		70-130	2		30
1,1,2,2-Tetrachloroethane	95		92		70-130	3		30
Benzene	114		112		70-130	2		30
Toluene	92		91		70-130	1		30
Ethylbenzene	93		91		70-130	2		30
Chloromethane	121		118		52-130	3		30
Bromomethane	118		114		57-147	3		30
Vinyl chloride	115		112		67-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1080869-3 WG1080869-4								
Chloroethane	115		113		50-151	2		30
1,1-Dichloroethene	112		110		65-135	2		30
trans-1,2-Dichloroethene	109		108		70-130	1		30
Trichloroethene	110		107		70-130	3		30
1,2-Dichlorobenzene	81		80		70-130	1		30
1,3-Dichlorobenzene	82		81		70-130	1		30
1,4-Dichlorobenzene	81		80		70-130	1		30
Methyl tert butyl ether	100		99		66-130	1		30
p/m-Xylene	91		89		70-130	2		30
o-Xylene	91		90		70-130	1		30
cis-1,2-Dichloroethene	108		107		70-130	1		30
Styrene	90		89		70-130	1		30
Dichlorodifluoromethane	109		105		30-146	4		30
Acetone	136		122		54-140	11		30
Carbon disulfide	114		112		59-130	2		30
2-Butanone	139	Q	133	Q	70-130	4		30
4-Methyl-2-pentanone	96		94		70-130	2		30
2-Hexanone	96		94		70-130	2		30
Bromochloromethane	106		106		70-130	0		30
1,2-Dibromoethane	87		86		70-130	1		30
1,2-Dibromo-3-chloropropane	80		78		68-130	3		30
Isopropylbenzene	87		85		70-130	2		30
1,2,3-Trichlorobenzene	76		74		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1080869-3 WG1080869-4								
1,2,4-Trichlorobenzene	76		74		70-130	3		30
Methyl Acetate	134		128		51-146	5		30
Cyclohexane	133		129		59-142	3		30
1,4-Dioxane	129		122		65-136	6		30
Freon-113	124		119		50-139	4		30
Methyl cyclohexane	123		120		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		99		70-130
Toluene-d8	90		90		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	100		99		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1080568-6 WG1080568-7 QC Sample: L1800592-04 Client ID: PT-03												
Methylene chloride	ND	108	86	79		76	70		70-130	12		30
1,1-Dichloroethane	ND	108	110	106		96	89		70-130	17		30
Chloroform	ND	108	95	88		79	74		70-130	18		30
Carbon tetrachloride	ND	108	110	106		85	78		70-130	30		30
1,2-Dichloropropane	ND	108	99	92		84	78		70-130	16		30
Dibromochloromethane	ND	108	53	49	Q	47	43	Q	70-130	12		30
1,1,2-Trichloroethane	ND	108	62	57	Q	56	52	Q	70-130	10		30
Tetrachloroethene	4.7	108	75	65	Q	41	33	Q	70-130	60	Q	30
Chlorobenzene	ND	108	36	34	Q	22	21	Q	70-130	48	Q	30
Trichlorofluoromethane	ND	108	120	114		100	92		70-139	21		30
1,2-Dichloroethane	ND	108	75	70		68	63	Q	70-130	10		30
1,1,1-Trichloroethane	2.2	108	120	106		94	85		70-130	22		30
Bromodichloromethane	ND	108	81	75		68	63	Q	70-130	17		30
trans-1,3-Dichloropropene	ND	108	33	30	Q	28	26	Q	70-130	16		30
cis-1,3-Dichloropropene	ND	108	54	50	Q	44	41	Q	70-130	21		30
Bromoform	ND	108	46	42	Q	42	39	Q	70-130	8		30
1,1,2,2-Tetrachloroethane	ND	108	49	45	Q	48	45	Q	70-130	1		30
Benzene	ND	108	93	86		70	65	Q	70-130	28		30
Toluene	1.5J	108	66	61	Q	43	40	Q	70-130	42	Q	30
Ethylbenzene	1.0J	108	63	58	Q	36	33	Q	70-130	55	Q	30
Chloromethane	ND	108	130	121		120	110		52-130	10		30
Bromomethane	ND	108	100	94		93	86		57-147	10		30
Vinyl chloride	ND	108	120	115		99	92		67-130	23		30

Matrix Spike Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1080568-6 WG1080568-7 QC Sample: L1800592-04 Client ID: PT-03												
Chloroethane	ND	108	120	114		100	95		50-151	18		30
1,1-Dichloroethene	ND	108	110	103		80	74		65-135	33	Q	30
trans-1,2-Dichloroethene	ND	108	79	73		51	47	Q	70-130	44	Q	30
Trichloroethene	ND	108	86	80		53	49	Q	70-130	49	Q	30
1,2-Dichlorobenzene	ND	108	17	16	Q	12	11	Q	70-130	35	Q	30
1,3-Dichlorobenzene	ND	108	17	16	Q	10	9	Q	70-130	52	Q	30
1,4-Dichlorobenzene	ND	108	15	13	Q	9.1	8	Q	70-130	46	Q	30
Methyl tert butyl ether	ND	108	98	91		94	88		66-130	4		30
p/m-Xylene	3.9	216	120	52	Q	65	28	Q	70-130	56	Q	30
o-Xylene	2.9	216	120	52	Q	72	32	Q	70-130	47	Q	30
cis-1,2-Dichloroethene	ND	108	71	66	Q	55	51	Q	70-130	26		30
Styrene	ND	216	57	26	Q	34	16	Q	70-130	51	Q	30
Dichlorodifluoromethane	ND	108	130	116		110	101		30-146	14		30
Acetone	330	108	620E	272	Q	620E	270	Q	54-140	0		30
Carbon disulfide	ND	108	87	80		45	42	Q	59-130	63	Q	30
2-Butanone	ND	108	200	182	Q	180	170	Q	70-130	7		30
4-Methyl-2-pentanone	ND	108	89	82		85	78		70-130	5		30
2-Hexanone	ND	108	120	108		110	101		70-130	7		30
Bromochloromethane	ND	108	71	66	Q	63	58	Q	70-130	12		30
1,2-Dibromoethane	ND	108	38	36	Q	34	32	Q	70-130	11		30
1,2-Dibromo-3-chloropropane	ND	108	38	35	Q	36	33	Q	68-130	6		30
Isopropylbenzene	0.52J	108	70	65	Q	38	35	Q	70-130	60	Q	30
1,2,3-Trichlorobenzene	ND	108	6.3	6	Q	5.2J	5	Q	70-130	20		30

Matrix Spike Analysis Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1080568-6 WG1080568-7 QC Sample: L1800592-04 Client ID: PT-03												
1,2,4-Trichlorobenzene	ND	108	6.4	6	Q	4.6J	4	Q	70-130	33	Q	30
Methyl Acetate	14.J	108	150	143		150	138		51-146	3		30
Cyclohexane	ND	108	140	131		94	87		59-142	40	Q	30
1,4-Dioxane	ND	5400	11000	194	Q	10000	191	Q	65-136	2		30
Freon-113	ND	108	140	125		110	97		50-139	25		30
Methyl cyclohexane	0.46J	108	120	112		60	55	Q	70-130	68	Q	30

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
1,2-Dichloroethane-d4	104		102		70-130
4-Bromofluorobenzene	108		111		70-130
Dibromofluoromethane	102		101		70-130
Toluene-d8	93		93		70-130



SEMIVOLATILES

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-01
Client ID: PT-01
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/11/18 23:51
Analyst: CB
Percent Solids: 89%

Date Collected: 01/08/18 13:30
Date Received: 01/09/18
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 01/10/18 17:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	26	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	650		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	200		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	390		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	330		ug/kg	110	21.	1
Benzo(a)pyrene	270		ug/kg	150	45.	1
Benzo(b)fluoranthene	470		ug/kg	110	31.	1
Benzo(k)fluoranthene	160		ug/kg	110	30.	1

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-01
Client ID: PT-01
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Date Collected: 01/08/18 13:30
Date Received: 01/09/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	360		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	68	J	ug/kg	110	36.	1
Benzo(ghi)perylene	240		ug/kg	150	22.	1
Fluorene	20	J	ug/kg	180	18.	1
Phenanthrene	470		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	54	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	260		ug/kg	150	26.	1
Pyrene	540		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	62	J	ug/kg	180	18.	1
2-Methylnaphthalene	54	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	46	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Project Name: REM. INVES. BCP#C915314(PRESS)**Lab Number:** L1800592**Project Number:** E1605**Report Date:** 01/15/18**SAMPLE RESULTS**

Lab ID: L1800592-01

Date Collected: 01/08/18 13:30

Client ID: PT-01

Date Received: 01/09/18

Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	101		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	90		18-120

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-02
Client ID: PT-01 DUPLICATE
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Date Collected: 01/08/18 13:30
Date Received: 01/09/18
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 01/10/18 17:32

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/12/18 00:16
Analyst: CB
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	74	J	ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	1400		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	200		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	500		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	680		ug/kg	110	20.	1
Benzo(a)pyrene	580		ug/kg	140	44.	1
Benzo(b)fluoranthene	960		ug/kg	110	30.	1
Benzo(k)fluoranthene	270		ug/kg	110	29.	1

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-02
Client ID: PT-01 DUPLICATE
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Date Collected: 01/08/18 13:30
Date Received: 01/09/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	760		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	180		ug/kg	110	35.	1
Benzo(ghi)perylene	440		ug/kg	140	21.	1
Fluorene	66	J	ug/kg	180	18.	1
Phenanthrene	1100		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	100	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	460		ug/kg	140	25.	1
Pyrene	1100		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	90	J	ug/kg	180	17.	1
2-Methylnaphthalene	66	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	140	J	ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	90	J	ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	120	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Project Name: REM. INVES. BCP#C915314(PRESS)**Lab Number:** L1800592**Project Number:** E1605**Report Date:** 01/15/18**SAMPLE RESULTS**

Lab ID: L1800592-02

Date Collected: 01/08/18 13:30

Client ID: PT-01 DUPLICATE

Date Received: 01/09/18

Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	104		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	97		18-120

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-03 D
 Client ID: PT-02
 Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 01/14/18 00:29
 Analyst: RC
 Percent Solids: 91%

Date Collected: 01/08/18 14:00
 Date Received: 01/09/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 01/10/18 17:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1400	190	10
Hexachlorobenzene	ND		ug/kg	1100	200	10
Bis(2-chloroethyl)ether	ND		ug/kg	1600	240	10
2-Chloronaphthalene	ND		ug/kg	1800	180	10
3,3'-Dichlorobenzidine	ND		ug/kg	1800	480	10
2,4-Dinitrotoluene	ND		ug/kg	1800	360	10
2,6-Dinitrotoluene	ND		ug/kg	1800	310	10
Fluoranthene	300	J	ug/kg	1100	210	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1800	190	10
4-Bromophenyl phenyl ether	ND		ug/kg	1800	280	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2200	310	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2000	180	10
Hexachlorobutadiene	ND		ug/kg	1800	260	10
Hexachlorocyclopentadiene	ND		ug/kg	5200	1600	10
Hexachloroethane	ND		ug/kg	1400	290	10
Isophorone	ND		ug/kg	1600	230	10
Naphthalene	1100	J	ug/kg	1800	220	10
Nitrobenzene	ND		ug/kg	1600	270	10
NDPA/DPA	ND		ug/kg	1400	200	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1800	280	10
Bis(2-ethylhexyl)phthalate	3700		ug/kg	1800	620	10
Butyl benzyl phthalate	ND		ug/kg	1800	460	10
Di-n-butylphthalate	ND		ug/kg	1800	340	10
Di-n-octylphthalate	ND		ug/kg	1800	620	10
Diethyl phthalate	ND		ug/kg	1800	170	10
Dimethyl phthalate	ND		ug/kg	1800	380	10
Benzo(a)anthracene	ND		ug/kg	1100	200	10
Benzo(a)pyrene	ND		ug/kg	1400	440	10
Benzo(b)fluoranthene	ND		ug/kg	1100	300	10
Benzo(k)fluoranthene	ND		ug/kg	1100	290	10

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-03 D

Date Collected: 01/08/18 14:00

Client ID: PT-02

Date Received: 01/09/18

Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/kg	1100	190	10
Acenaphthylene	ND		ug/kg	1400	280	10
Anthracene	ND		ug/kg	1100	350	10
Benzo(ghi)perylene	ND		ug/kg	1400	210	10
Fluorene	ND		ug/kg	1800	180	10
Phenanthrene	ND		ug/kg	1100	220	10
Dibenzo(a,h)anthracene	ND		ug/kg	1100	210	10
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1400	250	10
Pyrene	260	J	ug/kg	1100	180	10
Biphenyl	ND		ug/kg	4100	420	10
4-Chloroaniline	ND		ug/kg	1800	330	10
2-Nitroaniline	ND		ug/kg	1800	350	10
3-Nitroaniline	ND		ug/kg	1800	340	10
4-Nitroaniline	ND		ug/kg	1800	750	10
Dibenzofuran	ND		ug/kg	1800	170	10
2-Methylnaphthalene	ND		ug/kg	2200	220	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1800	190	10
Acetophenone	ND		ug/kg	1800	220	10
2,4,6-Trichlorophenol	ND		ug/kg	1100	340	10
p-Chloro-m-cresol	ND		ug/kg	1800	270	10
2-Chlorophenol	ND		ug/kg	1800	210	10
2,4-Dichlorophenol	ND		ug/kg	1600	290	10
2,4-Dimethylphenol	ND		ug/kg	1800	600	10
2-Nitrophenol	ND		ug/kg	3900	680	10
4-Nitrophenol	ND		ug/kg	2500	740	10
2,4-Dinitrophenol	ND		ug/kg	8700	840	10
4,6-Dinitro-o-cresol	ND		ug/kg	4700	870	10
Pentachlorophenol	ND		ug/kg	1400	400	10
Phenol	ND		ug/kg	1800	270	10
2-Methylphenol	ND		ug/kg	1800	280	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2600	280	10
2,4,5-Trichlorophenol	ND		ug/kg	1800	350	10
Carbazole	ND		ug/kg	1800	180	10
Atrazine	ND		ug/kg	1400	630	10
Benzaldehyde	ND		ug/kg	2400	490	10
Caprolactam	ND		ug/kg	1800	550	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1800	360	10

Project Name: REM. INVES. BCP#C915314(PRESS)**Lab Number:** L1800592**Project Number:** E1605**Report Date:** 01/15/18**SAMPLE RESULTS**

Lab ID: L1800592-03 D

Date Collected: 01/08/18 14:00

Client ID: PT-02

Date Received: 01/09/18

Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	99		25-120
Phenol-d6	137	Q	10-120
Nitrobenzene-d5	485	Q	23-120
2-Fluorobiphenyl	107		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	106		18-120

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-04
Client ID: PT-03
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/11/18 21:20
Analyst: CB
Percent Solids: 89%

Date Collected: 01/08/18 15:00
Date Received: 01/09/18
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 01/10/18 17:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	180		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	160	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	79	J	ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	89	J	ug/kg	110	21.	1
Benzo(a)pyrene	74	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	110		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-04

Date Collected: 01/08/18 15:00

Client ID: PT-03

Date Received: 01/09/18

Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	95	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	53	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	180		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	58	J	ug/kg	150	26.	1
Pyrene	150		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	41	J	ug/kg	180	17.	1
2-Methylnaphthalene	78	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Project Name: REM. INVES. BCP#C915314(PRESS)**Lab Number:** L1800592**Project Number:** E1605**Report Date:** 01/15/18**SAMPLE RESULTS**

Lab ID: L1800592-04

Date Collected: 01/08/18 15:00

Client ID: PT-03

Date Received: 01/09/18

Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	88		18-120

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-06
Client ID: EQUIPMENT RINSATE-5
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 01/11/18 08:00
Analyst: TT

Date Collected: 01/08/18 16:00
Date Received: 01/09/18
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 01/10/18 10:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.59	1
Hexachlorobenzene	ND		ug/l	2.0	0.58	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
2-Chloronaphthalene	ND		ug/l	2.0	0.64	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
Fluoranthene	ND		ug/l	2.0	0.57	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorobutadiene	ND		ug/l	2.0	0.72	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Hexachloroethane	ND		ug/l	2.0	0.68	1
Isophorone	ND		ug/l	5.0	0.60	1
Naphthalene	ND		ug/l	2.0	0.68	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Benzo(a)anthracene	ND		ug/l	2.0	0.61	1
Benzo(a)pyrene	ND		ug/l	2.0	0.54	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.64	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.60	1

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-06
Client ID: EQUIPMENT RINSATE-5
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Date Collected: 01/08/18 16:00
Date Received: 01/09/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/l	2.0	0.54	1
Acenaphthylene	ND		ug/l	2.0	0.66	1
Anthracene	ND		ug/l	2.0	0.64	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.61	1
Fluorene	ND		ug/l	2.0	0.62	1
Phenanthrene	ND		ug/l	2.0	0.61	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.55	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.71	1
Pyrene	ND		ug/l	2.0	0.57	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
2-Methylnaphthalene	ND		ug/l	2.0	0.72	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Pentachlorophenol	ND		ug/l	10	3.4	1
Phenol	14.		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1
Atrazine	ND		ug/l	10	1.8	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	3.6	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.93	1

Project Name: REM. INVES. BCP#C915314(PRESS)**Lab Number:** L1800592**Project Number:** E1605**Report Date:** 01/15/18**SAMPLE RESULTS**

Lab ID: L1800592-06

Date Collected: 01/08/18 16:00

Client ID: EQUIPMENT RINSATE-5

Date Received: 01/09/18

Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	47		10-120
4-Terphenyl-d14	65		41-149

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/11/18 00:34
Analyst: TT

Extraction Method: EPA 3510C
Extraction Date: 01/10/18 10:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1079811-1					
Acenaphthene	ND		ug/l	2.0	0.59
Hexachlorobenzene	ND		ug/l	2.0	0.58
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67
2-Chloronaphthalene	ND		ug/l	2.0	0.64
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1
Fluoranthene	ND		ug/l	2.0	0.57
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63
Hexachlorobutadiene	ND		ug/l	2.0	0.72
Hexachlorocyclopentadiene	ND		ug/l	20	7.8
Hexachloroethane	ND		ug/l	2.0	0.68
Isophorone	ND		ug/l	5.0	0.60
Naphthalene	ND		ug/l	2.0	0.68
Nitrobenzene	ND		ug/l	2.0	0.75
NDPA/DPA	ND		ug/l	2.0	0.64
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91
Butyl benzyl phthalate	ND		ug/l	5.0	1.3
Di-n-butylphthalate	ND		ug/l	5.0	0.69
Di-n-octylphthalate	ND		ug/l	5.0	1.1
Diethyl phthalate	ND		ug/l	5.0	0.63
Dimethyl phthalate	ND		ug/l	5.0	0.65
Benzo(a)anthracene	ND		ug/l	2.0	0.61
Benzo(a)pyrene	ND		ug/l	2.0	0.54
Benzo(b)fluoranthene	ND		ug/l	2.0	0.64



Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/11/18 00:34
Analyst: TT

Extraction Method: EPA 3510C
Extraction Date: 01/10/18 10:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1079811-1					
Benzo(k)fluoranthene	ND		ug/l	2.0	0.60
Chrysene	ND		ug/l	2.0	0.54
Acenaphthylene	ND		ug/l	2.0	0.66
Anthracene	ND		ug/l	2.0	0.64
Benzo(ghi)perylene	ND		ug/l	2.0	0.61
Fluorene	ND		ug/l	2.0	0.62
Phenanthrene	ND		ug/l	2.0	0.61
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.55
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.71
Pyrene	ND		ug/l	2.0	0.57
Biphenyl	ND		ug/l	2.0	0.76
4-Chloroaniline	ND		ug/l	5.0	0.63
2-Nitroaniline	ND		ug/l	5.0	1.1
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.66
2-Methylnaphthalene	ND		ug/l	2.0	0.72
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67
Acetophenone	ND		ug/l	5.0	0.85
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68
p-Chloro-m-cresol	ND		ug/l	2.0	0.62
2-Chlorophenol	ND		ug/l	2.0	0.63
2,4-Dichlorophenol	ND		ug/l	5.0	0.77
2,4-Dimethylphenol	ND		ug/l	5.0	1.6
2-Nitrophenol	ND		ug/l	10	1.5
4-Nitrophenol	ND		ug/l	10	1.8
2,4-Dinitrophenol	ND		ug/l	20	5.5
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1
Pentachlorophenol	ND		ug/l	10	3.4

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 01/11/18 00:34
Analyst: TT

Extraction Method: EPA 3510C
Extraction Date: 01/10/18 10:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1079811-1					
Phenol	2.0	J	ug/l	5.0	1.9
2-Methylphenol	ND		ug/l	5.0	1.0
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72
Carbazole	ND		ug/l	2.0	0.63
Atrazine	ND		ug/l	10	1.8
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	3.6
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.93

Tentatively Identified Compounds

Total TIC Compounds	4.64	J	ug/l
Aldol Condensate	4.64	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	44		10-120
4-Terphenyl-d14	60		41-149



Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/11/18 19:14
Analyst: CB

Extraction Method: EPA 3546
Extraction Date: 01/10/18 17:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1079914-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.



Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 01/11/18 19:14
Analyst: CB

Extraction Method: EPA 3546
Extraction Date: 01/10/18 17:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1079914-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 01/11/18 19:14
Analyst: CB

Extraction Method: EPA 3546
Extraction Date: 01/10/18 17:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1079914-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	104		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1079811-2 WG1079811-3								
Acenaphthene	63		78		37-111	21		30
Hexachlorobenzene	52		66		40-140	24		30
Bis(2-chloroethyl)ether	65		76		40-140	16		30
2-Chloronaphthalene	56		69		40-140	21		30
3,3'-Dichlorobenzidine	54		67		40-140	21		30
2,4-Dinitrotoluene	62		76		48-143	20		30
2,6-Dinitrotoluene	59		73		40-140	21		30
Fluoranthene	61		79		40-140	26		30
4-Chlorophenyl phenyl ether	58		72		40-140	22		30
4-Bromophenyl phenyl ether	56		70		40-140	22		30
Bis(2-chloroisopropyl)ether	68		79		40-140	15		30
Bis(2-chloroethoxy)methane	67		80		40-140	18		30
Hexachlorobutadiene	51		60		40-140	16		30
Hexachlorocyclopentadiene	53		64		40-140	19		30
Hexachloroethane	57		67		40-140	16		30
Isophorone	68		84		40-140	21		30
Naphthalene	58		68		40-140	16		30
Nitrobenzene	66		77		40-140	15		30
NDPA/DPA	59		75		40-140	24		30
n-Nitrosodi-n-propylamine	73		87		29-132	18		30
Bis(2-ethylhexyl)phthalate	80		100		40-140	22		30
Butyl benzyl phthalate	68		87		40-140	25		30
Di-n-butylphthalate	69		91		40-140	28		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1079811-2 WG1079811-3								
Di-n-octylphthalate	73		93		40-140	24		30
Diethyl phthalate	60		73		40-140	20		30
Dimethyl phthalate	58		71		40-140	20		30
Benzo(a)anthracene	67		83		40-140	21		30
Benzo(a)pyrene	66		83		40-140	23		30
Benzo(b)fluoranthene	66		81		40-140	20		30
Benzo(k)fluoranthene	68		87		40-140	25		30
Chrysene	66		83		40-140	23		30
Acenaphthylene	57		68		45-123	18		30
Anthracene	65		82		40-140	23		30
Benzo(ghi)perylene	67		86		40-140	25		30
Fluorene	57		71		40-140	22		30
Phenanthrene	62		79		40-140	24		30
Dibenzo(a,h)anthracene	67		86		40-140	25		30
Indeno(1,2,3-cd)pyrene	68		88		40-140	26		30
Pyrene	61		76		26-127	22		30
Biphenyl	59		71		40-140	18		30
4-Chloroaniline	59		67		40-140	13		30
2-Nitroaniline	59		76		52-143	25		30
3-Nitroaniline	57		68		25-145	18		30
4-Nitroaniline	58		72		51-143	22		30
Dibenzofuran	55		69		40-140	23		30
2-Methylnaphthalene	57		69		40-140	19		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1079811-2 WG1079811-3								
1,2,4,5-Tetrachlorobenzene	56		66		2-134	16		30
Acetophenone	68		81		39-129	17		30
2,4,6-Trichlorophenol	58		74		30-130	24		30
p-Chloro-m-cresol	61		76		23-97	22		30
2-Chlorophenol	62		75		27-123	19		30
2,4-Dichlorophenol	64		77		30-130	18		30
2,4-Dimethylphenol	69		86		30-130	22		30
2-Nitrophenol	63		77		30-130	20		30
4-Nitrophenol	36		47		10-80	27		30
2,4-Dinitrophenol	50		67		20-130	29		30
4,6-Dinitro-o-cresol	52		67		20-164	25		30
Pentachlorophenol	52		66		9-103	24		30
Phenol	33		40		12-110	19		30
2-Methylphenol	60		74		30-130	21		30
3-Methylphenol/4-Methylphenol	57		69		30-130	19		30
2,4,5-Trichlorophenol	57		71		30-130	22		30
Carbazole	65		82		55-144	23		30
Atrazine	59		74		40-140	23		30
Benzaldehyde	68		81		40-140	17		30
Caprolactam	19		24		10-130	23		30
2,3,4,6-Tetrachlorophenol	57		72		40-140	23		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
-----------	-------------------------	-------------	--------------------------	-------------	----------------------------	------------	-------------	----------------------

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1079811-2 WG1079811-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	43		53		21-120
Phenol-d6	32		38		10-120
Nitrobenzene-d5	67		81		23-120
2-Fluorobiphenyl	60		70		15-120
2,4,6-Tribromophenol	55		69		10-120
4-Terphenyl-d14	67		85		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1079914-2 WG1079914-3								
Acenaphthene	84		89		31-137	6		50
Hexachlorobenzene	80		93		40-140	15		50
Bis(2-chloroethyl)ether	80		75		40-140	6		50
2-Chloronaphthalene	79		82		40-140	4		50
3,3'-Dichlorobenzidine	40		64		40-140	46		50
2,4-Dinitrotoluene	82		94		40-132	14		50
2,6-Dinitrotoluene	78		89		40-140	13		50
Fluoranthene	80		91		40-140	13		50
4-Chlorophenyl phenyl ether	83		92		40-140	10		50
4-Bromophenyl phenyl ether	85		97		40-140	13		50
Bis(2-chloroisopropyl)ether	80		77		40-140	4		50
Bis(2-chloroethoxy)methane	78		84		40-117	7		50
Hexachlorobutadiene	84		76		40-140	10		50
Hexachlorocyclopentadiene	76		79		40-140	4		50
Hexachloroethane	78		65		40-140	18		50
Isophorone	76		82		40-140	8		50
Naphthalene	83		79		40-140	5		50
Nitrobenzene	78		78		40-140	0		50
NDPA/DPA	82		95		36-157	15		50
n-Nitrosodi-n-propylamine	80		84		32-121	5		50
Bis(2-ethylhexyl)phthalate	83		98		40-140	17		50
Butyl benzyl phthalate	81		92		40-140	13		50
Di-n-butylphthalate	82		96		40-140	16		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1079914-2 WG1079914-3								
Di-n-octylphthalate	82		97		40-140	17		50
Diethyl phthalate	81		93		40-140	14		50
Dimethyl phthalate	80		90		40-140	12		50
Benzo(a)anthracene	81		95		40-140	16		50
Benzo(a)pyrene	86		96		40-140	11		50
Benzo(b)fluoranthene	82		94		40-140	14		50
Benzo(k)fluoranthene	85		97		40-140	13		50
Chrysene	83		95		40-140	13		50
Acenaphthylene	81		86		40-140	6		50
Anthracene	84		96		40-140	13		50
Benzo(ghi)perylene	93		106		40-140	13		50
Fluorene	83		92		40-140	10		50
Phenanthrene	82		94		40-140	14		50
Dibenzo(a,h)anthracene	89		104		40-140	16		50
Indeno(1,2,3-cd)pyrene	82		95		40-140	15		50
Pyrene	83		91		35-142	9		50
Biphenyl	80		84		54-104	5		50
4-Chloroaniline	31	Q	58		40-140	61	Q	50
2-Nitroaniline	79		91		47-134	14		50
3-Nitroaniline	56		76		26-129	30		50
4-Nitroaniline	77		89		41-125	14		50
Dibenzofuran	83		90		40-140	8		50
2-Methylnaphthalene	83		84		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1079914-2 WG1079914-3								
1,2,4,5-Tetrachlorobenzene	80		81		40-117	1		50
Acetophenone	78		80		14-144	3		50
2,4,6-Trichlorophenol	83		92		30-130	10		50
p-Chloro-m-cresol	83		91		26-103	9		50
2-Chlorophenol	85		83		25-102	2		50
2,4-Dichlorophenol	82		89		30-130	8		50
2,4-Dimethylphenol	79		86		30-130	8		50
2-Nitrophenol	78		80		30-130	3		50
4-Nitrophenol	81		96		11-114	17		50
2,4-Dinitrophenol	56		70		4-130	22		50
4,6-Dinitro-o-cresol	74		90		10-130	20		50
Pentachlorophenol	78		94		17-109	19		50
Phenol	82		86		26-90	5		50
2-Methylphenol	82		88		30-130.	7		50
3-Methylphenol/4-Methylphenol	82		89		30-130	8		50
2,4,5-Trichlorophenol	84		93		30-130	10		50
Carbazole	83		95		54-128	13		50
Atrazine	88		103		40-140	16		50
Benzaldehyde	68		60		40-140	13		50
Caprolactam	79		94		15-130	17		50
2,3,4,6-Tetrachlorophenol	82		95		40-140	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
-----------	-------------------------	-------------	--------------------------	-------------	----------------------------	------------	-------------	----------------------

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1079914-2 WG1079914-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> <i>Criteria</i>
2-Fluorophenol	83		78		25-120
Phenol-d6	84		86		10-120
Nitrobenzene-d5	76		75		23-120
2-Fluorobiphenyl	84		86		30-120
2,4,6-Tribromophenol	80		99		10-136
4-Terphenyl-d14	85		93		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1079914-4 WG1079914-5 QC Sample: L1800592-04 Client ID: PT-03												
Acenaphthene	ND	1450	1400	96		1300	89		31-137	7		50
Hexachlorobenzene	ND	1450	1200	83		1200	82		40-140	0		50
Bis(2-chloroethyl)ether	ND	1450	1300	89		1300	89		40-140	0		50
2-Chloronaphthalene	ND	1450	1300	89		1300	89		40-140	0		50
3,3'-Dichlorobenzidine	ND	1450	690	47		680	47		40-140	1		50
2,4-Dinitrotoluene	ND	1450	1300	89		1300	89		40-132	0		50
2,6-Dinitrotoluene	ND	1450	1300	89		1300	89		40-140	0		50
Fluoranthene	180	1450	1500	91		1400	84		40-140	7		50
4-Chlorophenyl phenyl ether	ND	1450	1300	89		1300	89		40-140	0		50
4-Bromophenyl phenyl ether	ND	1450	1400	96		1300	89		40-140	7		50
Bis(2-chloroisopropyl)ether	ND	1450	1300	89		1400	96		40-140	7		50
Bis(2-chloroethoxy)methane	ND	1450	1300	89		1400	96		40-117	7		50
Hexachlorobutadiene	ND	1450	1300	89		1300	89		40-140	0		50
Hexachlorocyclopentadiene	ND	1450	1200	83		1200	82		40-140	0		50
Hexachloroethane	ND	1450	1300	89		1300	89		40-140	0		50
Isophorone	ND	1450	1200	83		1300	89		40-140	8		50
Naphthalene	160J	1450	1500	100		1500	100		40-140	0		50
Nitrobenzene	ND	1450	1300	89		1300	89		40-140	0		50
NDPA/DPA	ND	1450	1400	96		1300	89		36-157	7		50
n-Nitrosodi-n-propylamine	ND	1450	1300	89		1400	96		32-121	7		50
Bis(2-ethylhexyl)phthalate	79.J	1450	1600	110		1500	100		40-140	6		50
Butyl benzyl phthalate	ND	1450	1300	89		1300	89		40-140	0		50
Di-n-butylphthalate	ND	1450	1400	96		1400	96		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1079914-4 WG1079914-5 QC Sample: L1800592-04 Client ID: PT-03												
Di-n-octylphthalate	ND	1450	1500	100		1500	100		40-140	0		50
Diethyl phthalate	ND	1450	1400	96		1300	89		40-140	7		50
Dimethyl phthalate	ND	1450	1300	89		1300	89		40-140	0		50
Benzo(a)anthracene	89.J	1450	1400	96		1300	89		40-140	7		50
Benzo(a)pyrene	74.J	1450	1400	96		1200	82		40-140	15		50
Benzo(b)fluoranthene	110	1450	1400	96		1300	89		40-140	7		50
Benzo(k)fluoranthene	ND	1450	1300	89		1200	82		40-140	8		50
Chrysene	95.J	1450	1400	96		1300	89		40-140	7		50
Acenaphthylene	ND	1450	1300	89		1300	89		40-140	0		50
Anthracene	ND	1450	1400	96		1300	89		40-140	7		50
Benzo(ghi)perylene	53.J	1450	1200	83		1100	76		40-140	9		50
Fluorene	ND	1450	1300	89		1300	89		40-140	0		50
Phenanthrene	180	1450	1600	98		1400	84		40-140	13		50
Dibenzo(a,h)anthracene	ND	1450	1300	89		1200	82		40-140	8		50
Indeno(1,2,3-cd)pyrene	58.J	1450	1200	83		1200	82		40-140	0		50
Pyrene	150	1450	1400	86		1300	79		35-142	7		50
Biphenyl	ND	1450	1300	89		1300	89		54-104	0		50
4-Chloroaniline	ND	1450	580	40		630	43		40-140	8		50
2-Nitroaniline	ND	1450	1300	89		1300	89		47-134	0		50
3-Nitroaniline	ND	1450	990	68		960	66		26-129	3		50
4-Nitroaniline	ND	1450	1000	69		1000	69		41-125	0		50
Dibenzofuran	41.J	1450	1400	96		1400	96		40-140	0		50
2-Methylnaphthalene	78.J	1450	1400	96		1400	96		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1079914-4 WG1079914-5 QC Sample: L1800592-04 Client ID: PT-03												
1,2,4,5-Tetrachlorobenzene	ND	1450	1300	89		1300	89		40-117	0		50
Acetophenone	ND	1450	1300	89		1400	96		14-144	7		50
2,4,6-Trichlorophenol	ND	1450	1300	89		1300	89		30-130	0		50
p-Chloro-m-cresol	ND	1450	1400	96		1400	96		26-103	0		50
2-Chlorophenol	ND	1450	1300	89		1400	96		25-102	7		50
2,4-Dichlorophenol	ND	1450	1300	89		1300	89		30-130	0		50
2,4-Dimethylphenol	ND	1450	1100	76		1200	82		30-130	9		50
2-Nitrophenol	ND	1450	1200	83		1300	89		30-130	8		50
4-Nitrophenol	ND	1450	880	61		960	66		11-114	9		50
2,4-Dinitrophenol	ND	1450	ND	0	Q	ND	0	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1450	240J	17		250J	17		10-130	4		50
Pentachlorophenol	ND	1450	690	47		720	49		17-109	4		50
Phenol	ND	1450	1300	89		1300	89		26-90	0		50
2-Methylphenol	ND	1450	1200	83		1300	89		30-130.	8		50
3-Methylphenol/4-Methylphenol	ND	1450	1300	89		1300	89		30-130	0		50
2,4,5-Trichlorophenol	ND	1450	1300	89		1300	89		30-130	0		50
Carbazole	ND	1450	1400	96		1300	89		54-128	7		50
Atrazine	ND	1450	1500	100		1400	96		40-140	7		50
Benzaldehyde	ND	1450	1300	89		1300	89		40-140	0		50
Caprolactam	ND	1450	1300	89		1300	89		15-130	0		50
2,3,4,6-Tetrachlorophenol	ND	1450	1100	76		1100	76		40-140	0		50

Matrix Spike Analysis**Batch Quality Control****Project Name:** REM. INVES. BCP#C915314(PRESS)**Lab Number:** L1800592**Project Number:** E1605**Report Date:** 01/15/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
------------------	----------------------	-----------------	-----------------	---------------------	-------------	------------------	----------------------	-------------	------------------------	------------	-------------	-------------------

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1079914-4 WG1079914-5 QC Sample: L1800592-04 Client ID: PT-03

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
2,4,6-Tribromophenol	87		87		10-136
2-Fluorobiphenyl	87		86		30-120
2-Fluorophenol	83		89		25-120
4-Terphenyl-d14	78		79		18-120
Nitrobenzene-d5	84		88		23-120
Phenol-d6	87		91		10-120

PCBS

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-01
Client ID: PT-01
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/15/18 14:12
Analyst: WR
Percent Solids: 89%

Date Collected: 01/08/18 13:30
Date Received: 01/09/18
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 01/10/18 15:30
Cleanup Method: EPA 3665A
Cleanup Date: 01/11/18
Cleanup Method: EPA 3660B
Cleanup Date: 01/11/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.7	4.16	1	A
Aroclor 1221	ND		ug/kg	36.7	5.58	1	A
Aroclor 1232	ND		ug/kg	36.7	3.61	1	A
Aroclor 1242	ND		ug/kg	36.7	4.49	1	A
Aroclor 1248	ND		ug/kg	36.7	4.12	1	A
Aroclor 1254	10.2	J	ug/kg	36.7	2.99	1	B
Aroclor 1260	5.72	J	ug/kg	36.7	3.83	1	A
Aroclor 1262	ND		ug/kg	36.7	3.02	1	A
Aroclor 1268	ND		ug/kg	36.7	2.60	1	A
PCBs, Total	15.9	J	ug/kg	36.7	2.60	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-02
Client ID: PT-01 DUPLICATE
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/15/18 14:29
Analyst: WR
Percent Solids: 90%

Date Collected: 01/08/18 13:30
Date Received: 01/09/18
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 01/10/18 15:30
Cleanup Method: EPA 3665A
Cleanup Date: 01/11/18
Cleanup Method: EPA 3660B
Cleanup Date: 01/11/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.8	4.06	1	A
Aroclor 1221	ND		ug/kg	35.8	5.44	1	A
Aroclor 1232	ND		ug/kg	35.8	3.52	1	A
Aroclor 1242	ND		ug/kg	35.8	4.38	1	A
Aroclor 1248	ND		ug/kg	35.8	4.01	1	A
Aroclor 1254	9.30	J	ug/kg	35.8	2.92	1	A
Aroclor 1260	6.90	J	ug/kg	35.8	3.73	1	A
Aroclor 1262	ND		ug/kg	35.8	2.94	1	A
Aroclor 1268	ND		ug/kg	35.8	2.53	1	A
PCBs, Total	16.2	J	ug/kg	35.8	2.53	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-03
Client ID: PT-02
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/15/18 13:56
Analyst: WR
Percent Solids: 91%

Date Collected: 01/08/18 14:00
Date Received: 01/09/18
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 01/10/18 15:30
Cleanup Method: EPA 3665A
Cleanup Date: 01/11/18
Cleanup Method: EPA 3660B
Cleanup Date: 01/11/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.3	4.00	1	A
Aroclor 1221	ND		ug/kg	35.3	5.37	1	A
Aroclor 1232	ND		ug/kg	35.3	3.47	1	A
Aroclor 1242	ND		ug/kg	35.3	4.32	1	A
Aroclor 1248	ND		ug/kg	35.3	3.96	1	A
Aroclor 1254	ND		ug/kg	35.3	2.88	1	A
Aroclor 1260	ND		ug/kg	35.3	3.68	1	A
Aroclor 1262	ND		ug/kg	35.3	2.90	1	A
Aroclor 1268	ND		ug/kg	35.3	2.50	1	A
PCBs, Total	ND		ug/kg	35.3	2.50	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-04
Client ID: PT-03
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/12/18 06:06
Analyst: WR
Percent Solids: 89%

Date Collected: 01/08/18 15:00
Date Received: 01/09/18
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 01/10/18 15:30
Cleanup Method: EPA 3665A
Cleanup Date: 01/11/18
Cleanup Method: EPA 3660B
Cleanup Date: 01/11/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.5	4.13	1	A
Aroclor 1221	ND		ug/kg	36.5	5.55	1	A
Aroclor 1232	ND		ug/kg	36.5	3.59	1	A
Aroclor 1242	ND		ug/kg	36.5	4.46	1	A
Aroclor 1248	ND		ug/kg	36.5	4.09	1	A
Aroclor 1254	ND		ug/kg	36.5	2.98	1	A
Aroclor 1260	ND		ug/kg	36.5	3.81	1	A
Aroclor 1262	ND		ug/kg	36.5	3.00	1	A
Aroclor 1268	ND		ug/kg	36.5	2.58	1	A
PCBs, Total	ND		ug/kg	36.5	2.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-06
Client ID: EQUIPMENT RINSATE-5
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 01/12/18 04:32
Analyst: AF

Date Collected: 01/08/18 16:00
Date Received: 01/09/18
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 01/10/18 18:43
Cleanup Method: EPA 3665A
Cleanup Date: 01/11/18
Cleanup Method: EPA 3660B
Cleanup Date: 01/11/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 01/14/18 22:52
Analyst: HT

Extraction Method: EPA 3546
Extraction Date: 01/10/18 15:30
Cleanup Method: EPA 3665A
Cleanup Date: 01/11/18
Cleanup Method: EPA 3660B
Cleanup Date: 01/11/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG1079892-1						
Aroclor 1016	ND		ug/kg	32.6	3.70	A
Aroclor 1221	ND		ug/kg	32.6	4.97	A
Aroclor 1232	ND		ug/kg	32.6	3.21	A
Aroclor 1242	ND		ug/kg	32.6	3.99	A
Aroclor 1248	ND		ug/kg	32.6	3.66	A
Aroclor 1254	ND		ug/kg	32.6	2.66	A
Aroclor 1260	ND		ug/kg	32.6	3.41	A
Aroclor 1262	ND		ug/kg	32.6	2.68	A
Aroclor 1268	ND		ug/kg	32.6	2.31	A
PCBs, Total	ND		ug/kg	32.6	2.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	118		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	116		30-150	B

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 01/12/18 03:43
Analyst: AF

Extraction Method: EPA 3510C
Extraction Date: 01/10/18 18:43
Cleanup Method: EPA 3665A
Cleanup Date: 01/11/18
Cleanup Method: EPA 3660B
Cleanup Date: 01/11/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 06 Batch: WG1079932-1						
Aroclor 1016	ND		ug/l	0.083	0.020	A
Aroclor 1221	ND		ug/l	0.083	0.032	A
Aroclor 1232	ND		ug/l	0.083	0.027	A
Aroclor 1242	ND		ug/l	0.083	0.030	A
Aroclor 1248	ND		ug/l	0.083	0.023	A
Aroclor 1254	ND		ug/l	0.083	0.035	A
Aroclor 1260	ND		ug/l	0.083	0.020	A
Aroclor 1262	ND		ug/l	0.083	0.017	A
Aroclor 1268	ND		ug/l	0.083	0.027	A
PCBs, Total	ND		ug/l	0.083	0.017	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	76		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1079892-2 WG1079892-3									
Aroclor 1016	60		72		40-140	18		50	A
Aroclor 1260	68		74		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		49		30-150	A
Decachlorobiphenyl	77		83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		84		30-150	B
Decachlorobiphenyl	73		89		30-150	B



Lab Control Sample Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 06 Batch: WG1079932-2 WG1079932-3									
Aroclor 1016	83		90		40-140	8		50	A
Aroclor 1260	81		89		40-140	10		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		81		30-150	A
Decachlorobiphenyl	78		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		84		30-150	B
Decachlorobiphenyl	80		85		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>	<i>Column</i>
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1079892-4 WG1079892-5 QC Sample: L1800592-04 Client ID: PT-03													
Aroclor 1016	ND	229	141	62		147	67		40-140	4		50	A
Aroclor 1260	ND	229	136	59		130	59		40-140	5		50	A

<i>Surrogate</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>	<i>Column</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>		
2,4,5,6-Tetrachloro-m-xylene	57		58		30-150	A
Decachlorobiphenyl	58		59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		54		30-150	B
Decachlorobiphenyl	74		74		30-150	B

METALS

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-01
 Client ID: PT-01
 Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 01/08/18 13:30
 Date Received: 01/09/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5230		mg/kg	8.41	2.27	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB
Antimony, Total	1.24	J	mg/kg	4.21	0.320	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB
Arsenic, Total	5.34		mg/kg	0.841	0.175	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB
Barium, Total	40.6		mg/kg	0.841	0.146	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB
Beryllium, Total	0.227	J	mg/kg	0.421	0.028	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.841	0.082	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB
Calcium, Total	44200		mg/kg	8.41	2.94	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB
Chromium, Total	59.2		mg/kg	0.841	0.081	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB
Cobalt, Total	4.70		mg/kg	1.68	0.140	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB
Copper, Total	13.3		mg/kg	0.841	0.217	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB
Iron, Total	14500		mg/kg	4.21	0.760	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB
Lead, Total	55.4		mg/kg	4.21	0.225	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB
Magnesium, Total	5450		mg/kg	8.41	1.30	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB
Manganese, Total	322		mg/kg	0.841	0.134	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.07	0.02	1	01/11/18 06:00	01/11/18 19:34	EPA 7471B	1,7471B	EA
Nickel, Total	8.28		mg/kg	2.10	0.204	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB
Potassium, Total	905		mg/kg	210	12.1	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.68	0.217	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.841	0.238	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB
Sodium, Total	355		mg/kg	168	2.65	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.68	0.265	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB
Vanadium, Total	11.5		mg/kg	0.841	0.171	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB
Zinc, Total	53.3		mg/kg	4.21	0.246	2	01/10/18 15:15	01/11/18 23:38	EPA 3050B	1,6010C	AB



Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-02
 Client ID: PT-01 DUPLICATE
 Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 01/08/18 13:30
 Date Received: 01/09/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5270		mg/kg	8.75	2.36	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB
Antimony, Total	2.26	J	mg/kg	4.38	0.332	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB
Arsenic, Total	5.89		mg/kg	0.875	0.182	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB
Barium, Total	40.2		mg/kg	0.875	0.152	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB
Beryllium, Total	0.228	J	mg/kg	0.438	0.029	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.875	0.086	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB
Calcium, Total	38200		mg/kg	8.75	3.06	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB
Chromium, Total	64.5		mg/kg	0.875	0.084	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB
Cobalt, Total	5.06		mg/kg	1.75	0.145	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB
Copper, Total	12.8		mg/kg	0.875	0.226	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB
Iron, Total	29600		mg/kg	4.38	0.790	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB
Lead, Total	95.8		mg/kg	4.38	0.234	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB
Magnesium, Total	5180		mg/kg	8.75	1.35	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB
Manganese, Total	604		mg/kg	0.875	0.139	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.07	0.02	1	01/11/18 06:00	01/11/18 19:36	EPA 7471B	1,7471B	EA
Nickel, Total	10.7		mg/kg	2.19	0.212	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB
Potassium, Total	862		mg/kg	219	12.6	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.75	0.226	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.875	0.248	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB
Sodium, Total	325		mg/kg	175	2.76	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.75	0.276	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB
Vanadium, Total	14.7		mg/kg	0.875	0.178	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB
Zinc, Total	50.4		mg/kg	4.38	0.256	2	01/10/18 15:15	01/11/18 23:43	EPA 3050B	1,6010C	AB



Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-03
 Client ID: PT-02
 Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY
 Matrix: Soil
 Percent Solids: 91%

Date Collected: 01/08/18 14:00
 Date Received: 01/09/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4130		mg/kg	8.74	2.36	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB
Antimony, Total	0.638	J	mg/kg	4.37	0.332	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB
Arsenic, Total	3.78		mg/kg	0.874	0.182	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB
Barium, Total	28.6		mg/kg	0.874	0.152	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB
Beryllium, Total	0.192	J	mg/kg	0.437	0.029	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.874	0.086	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB
Calcium, Total	27800		mg/kg	8.74	3.06	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB
Chromium, Total	4.81		mg/kg	0.874	0.084	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB
Cobalt, Total	2.79		mg/kg	1.75	0.145	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB
Copper, Total	4.68		mg/kg	0.874	0.226	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB
Iron, Total	7650		mg/kg	4.37	0.790	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB
Lead, Total	13.3		mg/kg	4.37	0.234	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB
Magnesium, Total	3560		mg/kg	8.74	1.35	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB
Manganese, Total	204		mg/kg	0.874	0.139	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.07	0.01	1	01/11/18 06:00	01/11/18 19:38	EPA 7471B	1,7471B	EA
Nickel, Total	6.16		mg/kg	2.18	0.212	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB
Potassium, Total	846		mg/kg	218	12.6	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.75	0.226	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.874	0.247	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB
Sodium, Total	183		mg/kg	175	2.75	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.75	0.275	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB
Vanadium, Total	9.25		mg/kg	0.874	0.177	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB
Zinc, Total	19.3		mg/kg	4.37	0.256	2	01/10/18 15:15	01/11/18 23:47	EPA 3050B	1,6010C	AB



Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-04
 Client ID: PT-03
 Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 01/08/18 15:00
 Date Received: 01/09/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4010		mg/kg	8.66	2.34	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB
Antimony, Total	1.46	J	mg/kg	4.33	0.329	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB
Arsenic, Total	5.39		mg/kg	0.866	0.180	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB
Barium, Total	28.3		mg/kg	0.866	0.151	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB
Beryllium, Total	0.199	J	mg/kg	0.433	0.029	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.866	0.085	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB
Calcium, Total	30000		mg/kg	8.66	3.03	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB
Chromium, Total	5.96		mg/kg	0.866	0.083	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB
Cobalt, Total	5.31		mg/kg	1.73	0.144	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB
Copper, Total	13.6		mg/kg	0.866	0.223	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB
Iron, Total	14600		mg/kg	4.33	0.782	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB
Lead, Total	17.4		mg/kg	4.33	0.232	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB
Magnesium, Total	3780		mg/kg	8.66	1.33	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB
Manganese, Total	305		mg/kg	0.866	0.138	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.07	0.02	1	01/11/18 06:00	01/11/18 19:21	EPA 7471B	1,7471B	EA
Nickel, Total	9.02		mg/kg	2.16	0.210	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB
Potassium, Total	691		mg/kg	216	12.5	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.73	0.223	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.866	0.245	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB
Sodium, Total	169	J	mg/kg	173	2.73	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB
Thallium, Total	0.537	J	mg/kg	1.73	0.273	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB
Vanadium, Total	10.1		mg/kg	0.866	0.176	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB
Zinc, Total	20.6		mg/kg	4.33	0.254	2	01/10/18 15:15	01/11/18 22:41	EPA 3050B	1,6010C	AB



Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-06
 Client ID: EQUIPMENT RINSATE-5
 Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY
 Matrix: Water

Date Collected: 01/08/18 16:00
 Date Received: 01/09/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.032	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB
Antimony, Total	ND		mg/l	0.050	0.007	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB
Arsenic, Total	ND		mg/l	0.005	0.002	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB
Barium, Total	ND		mg/l	0.010	0.002	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB
Beryllium, Total	ND		mg/l	0.005	0.001	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB
Cadmium, Total	ND		mg/l	0.005	0.001	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB
Calcium, Total	0.162		mg/l	0.100	0.035	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB
Chromium, Total	ND		mg/l	0.010	0.002	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB
Cobalt, Total	ND		mg/l	0.020	0.002	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB
Copper, Total	0.006	J	mg/l	0.010	0.002	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB
Iron, Total	ND		mg/l	0.050	0.009	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB
Lead, Total	ND		mg/l	0.010	0.003	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB
Magnesium, Total	0.026	J	mg/l	0.100	0.015	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB
Manganese, Total	0.003	J	mg/l	0.010	0.002	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB
Mercury, Total	ND		mg/l	0.00020	0.00006	1	01/10/18 12:09	01/10/18 21:00	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.025	0.002	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB
Potassium, Total	ND		mg/l	2.50	0.237	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB
Selenium, Total	ND		mg/l	0.010	0.004	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB
Silver, Total	ND		mg/l	0.007	0.003	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB
Sodium, Total	0.688	J	mg/l	2.00	0.120	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB
Thallium, Total	ND		mg/l	0.020	0.003	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB
Vanadium, Total	ND		mg/l	0.010	0.002	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB
Zinc, Total	ND		mg/l	0.050	0.002	1	01/10/18 12:00	01/11/18 18:30	EPA 3005A	1,6010C	AB



Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06 Batch: WG1079831-1										
Aluminum, Total	ND		mg/l	0.100	0.032	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB
Antimony, Total	ND		mg/l	0.050	0.007	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB
Arsenic, Total	ND		mg/l	0.005	0.002	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB
Barium, Total	ND		mg/l	0.010	0.002	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB
Beryllium, Total	ND		mg/l	0.005	0.001	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB
Cadmium, Total	ND		mg/l	0.005	0.001	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB
Calcium, Total	0.041	J	mg/l	0.100	0.035	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB
Chromium, Total	ND		mg/l	0.010	0.002	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB
Cobalt, Total	ND		mg/l	0.020	0.002	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB
Copper, Total	0.005	J	mg/l	0.010	0.002	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB
Iron, Total	ND		mg/l	0.050	0.009	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB
Lead, Total	ND		mg/l	0.010	0.003	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB
Magnesium, Total	ND		mg/l	0.100	0.015	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB
Manganese, Total	ND		mg/l	0.010	0.002	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB
Nickel, Total	ND		mg/l	0.025	0.002	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB
Potassium, Total	ND		mg/l	2.50	0.237	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB
Selenium, Total	ND		mg/l	0.010	0.004	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB
Silver, Total	ND		mg/l	0.007	0.003	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB
Sodium, Total	ND		mg/l	2.00	0.120	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB
Thallium, Total	ND		mg/l	0.020	0.003	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB
Vanadium, Total	ND		mg/l	0.010	0.002	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB
Zinc, Total	ND		mg/l	0.050	0.002	1	01/10/18 12:00	01/11/18 17:44	1,6010C	AB

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06 Batch: WG1079837-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	01/10/18 12:09	01/10/18 20:38	1,7470A	EA



Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1079869-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB
Antimony, Total	ND		mg/kg	2.00	0.152	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB
Calcium, Total	ND		mg/kg	4.00	1.40	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB
Copper, Total	ND		mg/kg	0.400	0.103	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB
Iron, Total	ND		mg/kg	2.00	0.361	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB
Magnesium, Total	ND		mg/kg	4.00	0.616	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB
Manganese, Total	ND		mg/kg	0.400	0.064	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB
Nickel, Total	ND		mg/kg	1.00	0.097	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB
Potassium, Total	ND		mg/kg	100	5.76	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB
Sodium, Total	12.5	J	mg/kg	80.0	1.26	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB
Thallium, Total	ND		mg/kg	0.800	0.126	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB
Zinc, Total	ND		mg/kg	2.00	0.117	1	01/10/18 15:15	01/11/18 22:32	1,6010C	AB

Prep Information

Digestion Method: EPA 3050B



Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1079993-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	01/11/18 06:00	01/11/18 19:18	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B



Lab Control Sample Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 06 Batch: WG1079831-2								
Aluminum, Total	116		-		80-120	-		
Antimony, Total	105		-		80-120	-		
Arsenic, Total	118		-		80-120	-		
Barium, Total	106		-		80-120	-		
Beryllium, Total	108		-		80-120	-		
Cadmium, Total	116		-		80-120	-		
Calcium, Total	116		-		80-120	-		
Chromium, Total	108		-		80-120	-		
Cobalt, Total	104		-		80-120	-		
Copper, Total	110		-		80-120	-		
Iron, Total	110		-		80-120	-		
Lead, Total	116		-		80-120	-		
Magnesium, Total	120		-		80-120	-		
Manganese, Total	110		-		80-120	-		
Nickel, Total	104		-		80-120	-		
Potassium, Total	117		-		80-120	-		
Selenium, Total	120		-		80-120	-		
Silver, Total	113		-		80-120	-		
Sodium, Total	118		-		80-120	-		
Thallium, Total	111		-		80-120	-		
Vanadium, Total	111		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 Batch: WG1079831-2					
Zinc, Total	112	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 06 Batch: WG1079837-2					
Mercury, Total	87	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1079869-2 SRM Lot Number: D098-540					
Aluminum, Total	73	-	47-153	-	
Antimony, Total	149	-	6-194	-	
Arsenic, Total	102	-	83-117	-	
Barium, Total	93	-	82-118	-	
Beryllium, Total	92	-	83-117	-	
Cadmium, Total	92	-	82-117	-	
Calcium, Total	90	-	81-118	-	
Chromium, Total	97	-	83-119	-	
Cobalt, Total	93	-	84-116	-	
Copper, Total	101	-	84-116	-	
Iron, Total	96	-	60-140	-	
Lead, Total	94	-	82-117	-	
Magnesium, Total	82	-	76-124	-	
Manganese, Total	89	-	82-118	-	
Nickel, Total	96	-	82-117	-	
Potassium, Total	81	-	69-131	-	
Selenium, Total	104	-	78-121	-	
Silver, Total	106	-	80-120	-	
Sodium, Total	94	-	74-126	-	
Thallium, Total	92	-	80-119	-	
Vanadium, Total	98	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1079869-2 SRM Lot Number: D098-540					
Zinc, Total	97	-	81-119	-	
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1079993-2 SRM Lot Number: D098-540					
Mercury, Total	117	-	50-149	-	

Matrix Spike Analysis Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1079831-3 QC Sample: L1800563-02 Client ID: MS Sample												
Aluminum, Total	ND	2	2.31	116	-	-	-	-	75-125	-	-	20
Antimony, Total	0.010J	0.5	0.536	107	-	-	-	-	75-125	-	-	20
Arsenic, Total	ND	0.12	0.142	118	-	-	-	-	75-125	-	-	20
Barium, Total	ND	2	2.10	105	-	-	-	-	75-125	-	-	20
Beryllium, Total	ND	0.05	0.054	107	-	-	-	-	75-125	-	-	20
Cadmium, Total	ND	0.051	0.060	117	-	-	-	-	75-125	-	-	20
Calcium, Total	ND	10	11.5	115	-	-	-	-	75-125	-	-	20
Chromium, Total	ND	0.2	0.220	110	-	-	-	-	75-125	-	-	20
Cobalt, Total	ND	0.5	0.524	105	-	-	-	-	75-125	-	-	20
Copper, Total	0.003J	0.25	0.274	110	-	-	-	-	75-125	-	-	20
Iron, Total	ND	1	1.09	109	-	-	-	-	75-125	-	-	20
Lead, Total	ND	0.51	0.590	116	-	-	-	-	75-125	-	-	20
Magnesium, Total	ND	10	11.7	117	-	-	-	-	75-125	-	-	20
Manganese, Total	ND	0.5	0.541	108	-	-	-	-	75-125	-	-	20
Nickel, Total	ND	0.5	0.544	109	-	-	-	-	75-125	-	-	20
Potassium, Total	ND	10	11.5	115	-	-	-	-	75-125	-	-	20
Selenium, Total	ND	0.12	0.145	121	-	-	-	-	75-125	-	-	20
Silver, Total	ND	0.05	0.056	112	-	-	-	-	75-125	-	-	20
Sodium, Total	ND	10	12.0	120	-	-	-	-	75-125	-	-	20
Thallium, Total	ND	0.12	0.134	112	-	-	-	-	75-125	-	-	20
Vanadium, Total	ND	0.5	0.555	111	-	-	-	-	75-125	-	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1079831-3 QC Sample: L1800563-02 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.558	112	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1079837-3 WG1079837-4 QC Sample: L1800489-07 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00443	89	0.00445	89	75-125	0	20
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1079837-5 WG1079837-6 QC Sample: L1800489-08 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00429	86	0.00441	88	75-125	3	20



Matrix Spike Analysis Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits		
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1079869-3 WG1079869-4 QC Sample: L1800592-04 Client ID: PT-03											
Aluminum, Total	4010	179	5220	677	Q	5310	767	Q	75-125	2	20
Antimony, Total	1.46J	44.7	38.8	87		37.0	87		75-125	5	20
Arsenic, Total	5.39	10.7	14.9	89		15.2	96		75-125	2	20
Barium, Total	28.3	179	201	97		188	94		75-125	7	20
Beryllium, Total	0.199J	4.47	4.38	98		4.04	95		75-125	8	20
Cadmium, Total	ND	4.56	3.71	81		3.40	79		75-125	9	20
Calcium, Total	30000	894	32800	313	Q	32000	236	Q	75-125	2	20
Chromium, Total	5.96	17.9	21.6	88		20.8	88		75-125	4	20
Cobalt, Total	5.31	44.7	40.5	79		39.4	80		75-125	3	20
Copper, Total	13.6	22.3	30.2	74	Q	28.9	72	Q	75-125	4	20
Iron, Total	14600	89.4	11900	0	Q	15000	472	Q	75-125	23	Q 20
Lead, Total	17.4	45.6	53.3	79		59.3	97		75-125	11	20
Magnesium, Total	3780	894	4570	88		4380	71	Q	75-125	4	20
Manganese, Total	305.	44.7	333	63	Q	387	193	Q	75-125	15	20
Nickel, Total	9.02	44.7	46.2	83		44.5	84		75-125	4	20
Potassium, Total	691.	894	1780	122		1700	119		75-125	5	20
Selenium, Total	ND	10.7	10.9	102		10.5	103		75-125	4	20
Silver, Total	ND	26.8	28.7	107		27.0	106		75-125	6	20
Sodium, Total	169.J	894	1140	128	Q	1070	126	Q	75-125	6	20
Thallium, Total	0.537J	10.7	7.71	72	Q	6.96	68	Q	75-125	10	20
Vanadium, Total	10.1	44.7	52.8	96		50.9	96		75-125	4	20

Matrix Spike Analysis
Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1079869-3 WG1079869-4 QC Sample: L1800592-04 Client ID: PT-03									
Zinc, Total	20.6	44.7	61.0	90	59.2	91	75-125	3	20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1079993-3 WG1079993-4 QC Sample: L1800592-04 Client ID: PT-03									
Mercury, Total	ND	0.141	0.19	135	Q 0.20	139	Q 80-120	5	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Project Number: E1605

Lab Number: L1800592

Report Date: 01/15/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1079831-4 QC Sample: L1800563-02 Client ID: DUP Sample						
Aluminum, Total	ND	ND	mg/l	NC		20
Antimony, Total	0.010J	ND	mg/l	NC		20
Arsenic, Total	ND	ND	mg/l	NC		20
Barium, Total	ND	ND	mg/l	NC		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Calcium, Total	ND	0.051J	mg/l	NC		20
Chromium, Total	ND	ND	mg/l	NC		20
Cobalt, Total	ND	ND	mg/l	NC		20
Copper, Total	0.003J	0.004J	mg/l	NC		20
Iron, Total	ND	ND	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Magnesium, Total	ND	ND	mg/l	NC		20
Manganese, Total	ND	ND	mg/l	NC		20
Nickel, Total	ND	ND	mg/l	NC		20
Potassium, Total	ND	ND	mg/l	NC		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Project Number: E1605

Lab Number: L1800592

Report Date: 01/15/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1079831-4 QC Sample: L1800563-02 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-01
Client ID: PT-01
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY
Matrix: Soil

Date Collected: 01/08/18 13:30
Date Received: 01/09/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.3		%	0.100	NA	1	-	01/10/18 14:46	121,2540G	RI



Project Name: REM. INVES. BCP#C915314(PRESS)**Lab Number:** L1800592**Project Number:** E1605**Report Date:** 01/15/18**SAMPLE RESULTS**

Lab ID: L1800592-02
Client ID: PT-01 DUPLICATE
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY
Matrix: Soil

Date Collected: 01/08/18 13:30
Date Received: 01/09/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	01/10/18 14:46	121,2540G	RI



Project Name: REM. INVES. BCP#C915314(PRESS)**Lab Number:** L1800592**Project Number:** E1605**Report Date:** 01/15/18**SAMPLE RESULTS****Lab ID:** L1800592-03**Date Collected:** 01/08/18 14:00**Client ID:** PT-02**Date Received:** 01/09/18**Sample Location:** 1801 ELMWOOD AVE., BUFFALO, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	01/10/18 14:46	121,2540G	RI



Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

SAMPLE RESULTS

Lab ID: L1800592-04
Client ID: PT-03
Sample Location: 1801 ELMWOOD AVE., BUFFALO, NY
Matrix: Soil

Date Collected: 01/08/18 15:00
Date Received: 01/09/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.1		%	0.100	NA	1	-	01/10/18 14:46	121,2540G	RI



Project Name: REM. INVES. BCP#C915314(PRESS)**Lab Number:** L1800592**Project Number:** E1605**Report Date:** 01/15/18**SAMPLE RESULTS****Lab ID:** L1800592-05**Date Collected:** 01/08/18 15:35**Client ID:** PT-06**Date Received:** 01/09/18**Sample Location:** 1801 ELMWOOD AVE., BUFFALO, NY**Field Prep:** Not Specified**Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	01/10/18 14:46	121,2540G	RI



Lab Duplicate Analysis

Batch Quality Control

Project Name: REM. INVES. BCP#C915314(PRESS)

Project Number: E1605

Lab Number: L1800592

Report Date: 01/15/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1079844-1 QC Sample: L1800592-04 Client ID: PT-03						
Solids, Total	89.1	89.2	%	0		20

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1800592-01A	Vial MeOH preserved	B	NA		3.8	Y	Absent		NYTCL-8260HLW-R2(14)
L1800592-01B	Vial water preserved	B	NA		3.8	Y	Absent	10-JAN-18 06:04	NYTCL-8260HLW-R2(14)
L1800592-01C	Vial water preserved	B	NA		3.8	Y	Absent	10-JAN-18 06:04	NYTCL-8260HLW-R2(14)
L1800592-01D	Plastic 2oz unpreserved for TS	B	NA		3.8	Y	Absent		TS(7)
L1800592-01E	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1800592-01F	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1800592-01G	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1800592-02A	Vial MeOH preserved	B	NA		3.8	Y	Absent		NYTCL-8260HLW-R2(14)
L1800592-02B	Vial water preserved	B	NA		3.8	Y	Absent	10-JAN-18 06:04	NYTCL-8260HLW-R2(14)
L1800592-02C	Vial water preserved	B	NA		3.8	Y	Absent	10-JAN-18 06:04	NYTCL-8260HLW-R2(14)
L1800592-02D	Plastic 2oz unpreserved for TS	B	NA		3.8	Y	Absent		TS(7)
L1800592-02E	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1800592-02F	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1800592-02G	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1800592-03A	Vial MeOH preserved	B	NA		3.8	Y	Absent		NYTCL-8260HLW-R2(14)
L1800592-03B	Vial water preserved	B	NA		3.8	Y	Absent	10-JAN-18 06:04	NYTCL-8260HLW-R2(14)
L1800592-03C	Vial water preserved	B	NA		3.8	Y	Absent	10-JAN-18 06:04	NYTCL-8260HLW-R2(14)

Project Name: REM. INVES. BCP#C915314(PRESS)

Lab Number: L1800592

Project Number: E1605

Report Date: 01/15/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1800592-03D	Plastic 2oz unpreserved for TS	B	NA		3.8	Y	Absent		TS(7)
L1800592-03E	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1800592-03F	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1800592-03G	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1800592-04A	Vial MeOH preserved	B	NA		3.8	Y	Absent		NYTCL-8260HLW-R2(14)
L1800592-04A1	Vial MeOH preserved	B	NA		3.8	Y	Absent		NYTCL-8260HLW-R2(14)
L1800592-04B	Vial water preserved	B	NA		3.8	Y	Absent	10-JAN-18 06:04	NYTCL-8260HLW-R2(14)
L1800592-04B1	Vial water preserved	B	NA		3.8	Y	Absent	10-JAN-18 06:04	NYTCL-8260HLW-R2(14)
L1800592-04C	Vial water preserved	B	NA		3.8	Y	Absent	10-JAN-18 06:04	NYTCL-8260HLW-R2(14)
L1800592-04C1	Vial water preserved	B	NA		3.8	Y	Absent	10-JAN-18 06:04	NYTCL-8260HLW-R2(14)
L1800592-04D	Plastic 2oz unpreserved for TS	B	NA		3.8	Y	Absent		TS(7)
L1800592-04D1	Plastic 2oz unpreserved for TS	B	NA		3.8	Y	Absent		TS(7)
L1800592-04E	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1800592-04E1	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1800592-04F	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1800592-04F1	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1800592-04G	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1800592-04G1	Glass 120ml/4oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1800592-05A	Vial MeOH preserved	B	NA		3.8	Y	Absent		NYTCL-8260HLW-R2(14)
L1800592-05B	Vial water preserved	B	NA		3.8	Y	Absent	10-JAN-18 06:04	NYTCL-8260HLW-R2(14)
L1800592-05C	Vial water preserved	B	NA		3.8	Y	Absent	10-JAN-18 06:04	NYTCL-8260HLW-R2(14)

Project Name: REM. INVES. BCP#C915314(PRESS)**Lab Number:** L1800592**Project Number:** E1605**Report Date:** 01/15/18**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1800592-05D	Plastic 2oz unpreserved for TS	B	NA		3.8	Y	Absent		TS(7)
L1800592-06A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-R2(14)
L1800592-06B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-R2(14)
L1800592-06C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYTCL-8260-R2(14)
L1800592-06D	Plastic 250ml HNO3 preserved	A	<2	<2	2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1800592-06E	Amber 1000ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8270(7)
L1800592-06F	Amber 1000ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8270(7)
L1800592-06G	Amber 1000ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8082-1200ML(7)
L1800592-06H	Amber 1000ml unpreserved	A	7	7	2.7	Y	Absent		NYTCL-8082-1200ML(7)

Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers



Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

Data Qualifiers

projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: REM. INVES. BCP#C915314(PRESS)
Project Number: E1605

Lab Number: L1800592
Report Date: 01/15/18

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **EPA 351.1, SM4500P-E, SM4500P-B, E,**

SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-8220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3283	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1 of 1	Date Rec'd In Lab 1/10/17	ALPHA Job # L1800592																																																																																																													
		Project Information Project Name: Remedial Investigation BCP#C91534 (Pres Fresh Confirmation) Project Location: 1801 Elmwood Ave. Buffalo, NY Project # e1605 (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> EQUS (1 File) <input type="checkbox"/> Other <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUS (4 File)		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #																																																																																																												
Client Information Client: Hazard Evaluations Inc. Address: 3636 N. Buffalo Rd Orchard Park, NY 14127 Phone: 716-667-3130 Fax: 716-667-3156 Email: mwh@hazardevaluations.com		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> AWO Standards <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:																																																																																																														
Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days: 5 day Firm		ANALYSIS																																																																																																																
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: Additionally email results to ebetzold@hazardevaluations.com Open/close new sample delivery group. Please specify Metals or TAL.		VOC B260 TCL SVOC B270 TCL TAL Metals T-PCBS VOC B260 TCL TAL Metals		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)																																																																																																														
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th rowspan="2">VOC B260 TCL</th> <th rowspan="2">SVOC B270 TCL</th> <th rowspan="2">TAL Metals</th> <th rowspan="2">T-PCBS</th> <th rowspan="2">VOC B260 TCL</th> <th rowspan="2">TAL Metals</th> <th rowspan="2">Sample Specific Comments</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>00592-01</td> <td>PT-01</td> <td>1/8/18</td> <td>1:30pm</td> <td>Soil</td> <td>EB</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td>7</td> </tr> <tr> <td>-02</td> <td>PT-01 Duplicate</td> <td>1/8/18</td> <td>1:30pm</td> <td>Soil</td> <td>EB</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td>7</td> </tr> <tr> <td>-03</td> <td>PT-02</td> <td>1/8/18</td> <td>2:00pm</td> <td>Soil</td> <td>EB</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td>7</td> </tr> <tr> <td>-04</td> <td>PT-03</td> <td>1/8/18</td> <td>3:00pm</td> <td>Soil</td> <td>EB</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td>7</td> </tr> <tr> <td>↓</td> <td>PT-03 MS/MSD</td> <td>1/8/18</td> <td>3:00pm</td> <td>Soil</td> <td>EB</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td>7</td> </tr> <tr> <td>-05</td> <td>PT-06</td> <td>1/8/18</td> <td>3:35pm</td> <td>Soil</td> <td>EB</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>4</td> </tr> <tr> <td>-06</td> <td>Equipment Rinse-5</td> <td>1/8/18</td> <td>4:00pm</td> <td>Water</td> <td>EB</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>8</td> </tr> </tbody> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	VOC B260 TCL	SVOC B270 TCL	TAL Metals	T-PCBS	VOC B260 TCL	TAL Metals	Sample Specific Comments	Date	Time	00592-01	PT-01	1/8/18	1:30pm	Soil	EB	X	X	X	X			7	-02	PT-01 Duplicate	1/8/18	1:30pm	Soil	EB	X	X	X	X			7	-03	PT-02	1/8/18	2:00pm	Soil	EB	X	X	X	X			7	-04	PT-03	1/8/18	3:00pm	Soil	EB	X	X	X	X			7	↓	PT-03 MS/MSD	1/8/18	3:00pm	Soil	EB	X	X	X	X			7	-05	PT-06	1/8/18	3:35pm	Soil	EB	X						4	-06	Equipment Rinse-5	1/8/18	4:00pm	Water	EB		X	X	X	X		8	Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		E A A A V P F A A A B C		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)
ALPHA Lab ID (Lab Use Only)	Sample ID			Collection											Sample Matrix	Sampler's Initials	VOC B260 TCL	SVOC B270 TCL	TAL Metals	T-PCBS	VOC B260 TCL	TAL Metals	Sample Specific Comments																																																																																											
		Date	Time																																																																																																															
00592-01	PT-01	1/8/18	1:30pm	Soil	EB	X	X	X	X			7																																																																																																						
-02	PT-01 Duplicate	1/8/18	1:30pm	Soil	EB	X	X	X	X			7																																																																																																						
-03	PT-02	1/8/18	2:00pm	Soil	EB	X	X	X	X			7																																																																																																						
-04	PT-03	1/8/18	3:00pm	Soil	EB	X	X	X	X			7																																																																																																						
↓	PT-03 MS/MSD	1/8/18	3:00pm	Soil	EB	X	X	X	X			7																																																																																																						
-05	PT-06	1/8/18	3:35pm	Soil	EB	X						4																																																																																																						
-06	Equipment Rinse-5	1/8/18	4:00pm	Water	EB		X	X	X	X		8																																																																																																						
Preservative Code A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Relinquished By: Date/Time		Received By: Date/Time																																																																																																												
Form No: 01-25 HC (rev. 30-Sept-2013)		[Signature] AAL 1/9/18 1430		[Signature] AAL 1/9/18 1240		[Signature] AAL 1/10/18 120																																																																																																												



ANALYTICAL REPORT

Lab Number:	L1844369
Client:	Hazard Evaluations, Inc. 3636 North Buffalo Road Orchard Park, NY 14127
ATTN:	Mark Hanna
Phone:	(716) 667-3130
Project Name:	REMEDIAL INVESTIGATION OCT2018
Project Number:	E1605
Report Date:	11/06/18

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1844369-01	EQUIPMENT RINSATE (103018)	WATER	MOD-PAC	10/30/18 13:00	10/30/18
L1844369-02	TRIP BLANK (103018)	WATER	MOD-PAC	10/30/18 13:05	10/30/18
L1844369-03	SHEETER PIT #1-EW	SOIL	MOD-PAC	10/30/18 14:10	10/30/18
L1844369-04	SHEETER PIT #1-EW DUPLICATE	SOIL	MOD-PAC	10/30/18 14:10	10/30/18
L1844369-05	SHEETER PIT #1-NW	SOIL	MOD-PAC	10/30/18 14:40	10/30/18
L1844369-06	SHEETER PIT #1-BOTTOM	SOIL	MOD-PAC	10/30/18 15:00	10/30/18
L1844369-07	SHEETER PIT #1-WW	SOIL	MOD-PAC	10/30/18 15:20	10/30/18
L1844369-08	SHEETER PIT #1-SW	SOIL	MOD-PAC	10/30/18 15:35	10/30/18
L1844369-09	SHEETER PIT #2-NW	SOIL	MOD-PAC	10/30/18 15:55	10/30/18
L1844369-10	SHEETER PIT #2-EW	SOIL	MOD-PAC	10/30/18 16:10	10/30/18
L1844369-11	SHEETER PIT #2-BOTTOM	SOIL	MOD-PAC	10/30/18 16:25	10/30/18
L1844369-12	SHEETER PIT #2-SW	SOIL	MOD-PAC	10/30/18 16:40	10/30/18
L1844369-13	SHEETER PIT #2-WW	SOIL	MOD-PAC	10/30/18 16:55	10/30/18

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1844369-12 was analyzed as a High Level Methanol in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.

Semivolatile Organics

L1844369-13: The sample has elevated detection limits due to the dilution required by the sample matrix. The WG1174737-4/-5 MS/MSD recoveries, performed on L1844369-09, are below the acceptance criteria for 2,4-dinitrophenol (0%/0%) due to the concentration of this compound falling below the reported detection limit.

Total Metals

L1844369-03 through -13: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1175006-3/-4 MS/MSD recoveries for aluminum (0%/6%), calcium (303%/687%), iron (0%/0%) and manganese (MS 0%), performed on L1844369-09, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1175006-3/-4 MS/MSD recoveries, performed on L1844369-09, are outside the acceptance criteria for arsenic (72%/71%), chromium (66%/64%), copper (MS 66%), lead (0%/0%) and thallium (64%/62%). A post digestion spike was performed and was within acceptance criteria.

The WG1175006-4 MSD recovery, performed on L1844369-09, is outside the acceptance criteria for magnesium (141%). A post digestion spike was performed and yielded an unacceptable recovery for magnesium (71%). The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Melissa Cripps

Title: Technical Director/Representative

Date: 11/06/18

ORGANICS

VOLATILES

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-01
 Client ID: EQUIPMENT RINSATE (103018)
 Sample Location: MOD-PAC

Date Collected: 10/30/18 13:00
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 11/03/18 11:17
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-01
 Client ID: EQUIPMENT RINSATE (103018)
 Sample Location: MOD-PAC

Date Collected: 10/30/18 13:00
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	91		70-130

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-02
 Client ID: TRIP BLANK (103018)
 Sample Location: MOD-PAC

Date Collected: 10/30/18 13:05
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 11/03/18 10:48
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-02
 Client ID: TRIP BLANK (103018)
 Sample Location: MOD-PAC

Date Collected: 10/30/18 13:05
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	90		70-130

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-03
 Client ID: SHEETER PIT #1-EW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 14:10
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/05/18 20:33
 Analyst: MV
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.21	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.18	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-03
 Client ID: SHEETER PIT #1-EW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 14:10
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	7.7	J	ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
Methyl Acetate	ND		ug/kg	4.2	1.0	1
Cyclohexane	ND		ug/kg	10	0.57	1
1,4-Dioxane	ND		ug/kg	100	37.	1
Freon-113	ND		ug/kg	4.2	0.73	1
Methyl cyclohexane	ND		ug/kg	4.2	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	104		70-130

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-04
 Client ID: SHEETER PIT #1-EW DUPLICATE
 Sample Location: MOD-PAC

Date Collected: 10/30/18 14:10
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/05/18 21:00
 Analyst: MV
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-04
 Client ID: SHEETER PIT #1-EW DUPLICATE
 Sample Location: MOD-PAC

Date Collected: 10/30/18 14:10
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.22	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	9.4	J	ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
Methyl Acetate	ND		ug/kg	4.3	1.0	1
Cyclohexane	ND		ug/kg	11	0.58	1
1,4-Dioxane	ND		ug/kg	110	38.	1
Freon-113	ND		ug/kg	4.3	0.74	1
Methyl cyclohexane	ND		ug/kg	4.3	0.65	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	103		70-130

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-05
 Client ID: SHEETER PIT #1-NW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 14:40
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/05/18 21:28
 Analyst: MV
 Percent Solids: 98%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-05
 Client ID: SHEETER PIT #1-NW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 14:40
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.4	1
2-Butanone	ND		ug/kg	9.8	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
Methyl Acetate	ND		ug/kg	3.9	0.93	1
Cyclohexane	ND		ug/kg	9.8	0.53	1
1,4-Dioxane	ND		ug/kg	98	34.	1
Freon-113	ND		ug/kg	3.9	0.68	1
Methyl cyclohexane	ND		ug/kg	3.9	0.59	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	104		70-130

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-06
 Client ID: SHEETER PIT #1-BOTTOM
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:00
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/05/18 21:55
 Analyst: MV
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.2	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-06
 Client ID: SHEETER PIT #1-BOTTOM
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:00
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.18	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.97	1
Acetone	7.1	J	ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
Methyl Acetate	ND		ug/kg	4.2	1.0	1
Cyclohexane	ND		ug/kg	11	0.58	1
1,4-Dioxane	ND		ug/kg	110	37.	1
Freon-113	ND		ug/kg	4.2	0.74	1
Methyl cyclohexane	ND		ug/kg	4.2	0.64	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	104		70-130

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-07
 Client ID: SHEETER PIT #1-WW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:20
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/05/18 22:22
 Analyst: MV
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.1	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	ND		ug/kg	0.71	0.28	1
Chlorobenzene	ND		ug/kg	0.71	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.99	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	0.71	0.24	1
Bromodichloromethane	ND		ug/kg	0.71	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.39	1
cis-1,3-Dichloropropene	ND		ug/kg	0.71	0.22	1
Bromoform	ND		ug/kg	5.7	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.71	0.24	1
Benzene	ND		ug/kg	0.71	0.24	1
Toluene	ND		ug/kg	1.4	0.78	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.7	1.3	1
Bromomethane	ND		ug/kg	2.8	0.83	1
Vinyl chloride	ND		ug/kg	1.4	0.48	1
Chloroethane	ND		ug/kg	2.8	0.65	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.20	1
Trichloroethene	ND		ug/kg	0.71	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-07
 Client ID: SHEETER PIT #1-WW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:20
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.29	1
p/m-Xylene	ND		ug/kg	2.8	0.80	1
o-Xylene	ND		ug/kg	1.4	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	19		ug/kg	14	6.9	1
Carbon disulfide	ND		ug/kg	14	6.5	1
2-Butanone	ND		ug/kg	14	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	1.4	1
Isopropylbenzene	ND		ug/kg	1.4	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.46	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.39	1
Methyl Acetate	ND		ug/kg	5.7	1.4	1
Cyclohexane	ND		ug/kg	14	0.78	1
1,4-Dioxane	ND		ug/kg	140	50.	1
Freon-113	ND		ug/kg	5.7	0.99	1
Methyl cyclohexane	ND		ug/kg	5.7	0.86	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	105		70-130

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-08
 Client ID: SHEETER PIT #1-SW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:35
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/05/18 22:49
 Analyst: MV
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.97	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-08
 Client ID: SHEETER PIT #1-SW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:35
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
Methyl Acetate	ND		ug/kg	4.2	0.99	1
Cyclohexane	ND		ug/kg	10	0.56	1
1,4-Dioxane	ND		ug/kg	100	36.	1
Freon-113	ND		ug/kg	4.2	0.72	1
Methyl cyclohexane	ND		ug/kg	4.2	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	104		70-130

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-09
 Client ID: SHEETER PIT #2-NW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:55
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/05/18 23:16
 Analyst: MV
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.31	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-09
Client ID: SHEETER PIT #2-NW
Sample Location: MOD-PAC

Date Collected: 10/30/18 15:55
Date Received: 10/30/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	10	J	ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
2-Hexanone	ND		ug/kg	11	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	11	0.62	1
1,4-Dioxane	ND		ug/kg	110	40.	1
Freon-113	ND		ug/kg	4.6	0.79	1
Methyl cyclohexane	ND		ug/kg	4.6	0.69	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	104		70-130

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-10
 Client ID: SHEETER PIT #2-EW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:10
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/05/18 23:44
 Analyst: MV
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.9	3.6	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.36	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.42	1
Tetrachloroethene	ND		ug/kg	0.79	0.31	1
Chlorobenzene	ND		ug/kg	0.79	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.3	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.40	1
1,1,1-Trichloroethane	ND		ug/kg	0.79	0.26	1
Bromodichloromethane	ND		ug/kg	0.79	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.43	1
cis-1,3-Dichloropropene	ND		ug/kg	0.79	0.25	1
Bromoform	ND		ug/kg	6.3	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.79	0.26	1
Benzene	ND		ug/kg	0.79	0.26	1
Toluene	ND		ug/kg	1.6	0.86	1
Ethylbenzene	ND		ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.3	1.5	1
Bromomethane	ND		ug/kg	3.2	0.92	1
Vinyl chloride	ND		ug/kg	1.6	0.53	1
Chloroethane	ND		ug/kg	3.2	0.71	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1
Trichloroethene	ND		ug/kg	0.79	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.2	0.23	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-10
 Client ID: SHEETER PIT #2-EW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:10
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.2	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	3.2	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.32	1
p/m-Xylene	ND		ug/kg	3.2	0.88	1
o-Xylene	ND		ug/kg	1.6	0.46	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.28	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	16	1.4	1
Acetone	14	J	ug/kg	16	7.6	1
Carbon disulfide	ND		ug/kg	16	7.2	1
2-Butanone	ND		ug/kg	16	3.5	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
2-Hexanone	ND		ug/kg	16	1.8	1
Bromochloromethane	ND		ug/kg	3.2	0.32	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.44	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.7	1.6	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.2	0.51	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.2	0.43	1
Methyl Acetate	ND		ug/kg	6.3	1.5	1
Cyclohexane	ND		ug/kg	16	0.86	1
1,4-Dioxane	ND		ug/kg	160	55.	1
Freon-113	ND		ug/kg	6.3	1.1	1
Methyl cyclohexane	ND		ug/kg	6.3	0.95	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	102		70-130

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-11
 Client ID: SHEETER PIT #2-BOTTOM
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:25
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/06/18 00:11
 Analyst: MV
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-11
Client ID: SHEETER PIT #2-BOTTOM
Sample Location: MOD-PAC

Date Collected: 10/30/18 16:25
Date Received: 10/30/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	13		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.2	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	12	0.63	1
1,4-Dioxane	ND		ug/kg	120	40.	1
Freon-113	ND		ug/kg	4.6	0.80	1
Methyl cyclohexane	ND		ug/kg	4.6	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	106		70-130

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-12
 Client ID: SHEETER PIT #2-SW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:40
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/06/18 00:39
 Analyst: MV
 Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.53	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-12
 Client ID: SHEETER PIT #2-SW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:40
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	980	E	ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
Methyl Acetate	15		ug/kg	4.3	1.0	1
Cyclohexane	ND		ug/kg	11	0.58	1
1,4-Dioxane	ND		ug/kg	110	38.	1
Freon-113	ND		ug/kg	4.3	0.74	1
Methyl cyclohexane	ND		ug/kg	4.3	0.64	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	105		70-130

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-12
 Client ID: SHEETER PIT #2-SW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:40
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/06/18 09:03
 Analyst: JC
 Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	410	190	1
1,1-Dichloroethane	ND		ug/kg	82	12.	1
Chloroform	ND		ug/kg	120	12.	1
Carbon tetrachloride	ND		ug/kg	82	19.	1
1,2-Dichloropropane	ND		ug/kg	82	10.	1
Dibromochloromethane	ND		ug/kg	82	12.	1
1,1,2-Trichloroethane	ND		ug/kg	82	22.	1
Tetrachloroethene	ND		ug/kg	41	16.	1
Chlorobenzene	ND		ug/kg	41	10.	1
Trichlorofluoromethane	ND		ug/kg	330	57.	1
1,2-Dichloroethane	ND		ug/kg	82	21.	1
1,1,1-Trichloroethane	ND		ug/kg	41	14.	1
Bromodichloromethane	ND		ug/kg	41	9.0	1
trans-1,3-Dichloropropene	ND		ug/kg	82	22.	1
cis-1,3-Dichloropropene	ND		ug/kg	41	13.	1
Bromoform	ND		ug/kg	330	20.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	41	14.	1
Benzene	ND		ug/kg	41	14.	1
Toluene	ND		ug/kg	82	45.	1
Ethylbenzene	22	J	ug/kg	82	12.	1
Chloromethane	ND		ug/kg	330	76.	1
Bromomethane	ND		ug/kg	160	48.	1
Vinyl chloride	ND		ug/kg	82	28.	1
Chloroethane	ND		ug/kg	160	37.	1
1,1-Dichloroethene	ND		ug/kg	82	20.	1
trans-1,2-Dichloroethene	ND		ug/kg	120	11.	1
Trichloroethene	ND		ug/kg	41	11.	1
1,2-Dichlorobenzene	ND		ug/kg	160	12.	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-12
 Client ID: SHEETER PIT #2-SW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:40
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	160	12.	1
1,4-Dichlorobenzene	ND		ug/kg	160	14.	1
Methyl tert butyl ether	ND		ug/kg	160	16.	1
p/m-Xylene	100	J	ug/kg	160	46.	1
o-Xylene	24	J	ug/kg	82	24.	1
cis-1,2-Dichloroethene	ND		ug/kg	82	14.	1
Styrene	ND		ug/kg	82	16.	1
Dichlorodifluoromethane	ND		ug/kg	820	75.	1
Acetone	780	J	ug/kg	820	400	1
Carbon disulfide	ND		ug/kg	820	370	1
2-Butanone	ND		ug/kg	820	180	1
4-Methyl-2-pentanone	ND		ug/kg	820	100	1
2-Hexanone	ND		ug/kg	820	97.	1
Bromochloromethane	ND		ug/kg	160	17.	1
1,2-Dibromoethane	ND		ug/kg	82	23.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	82.	1
Isopropylbenzene	ND		ug/kg	82	9.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	160	26.	1
1,2,4-Trichlorobenzene	ND		ug/kg	160	22.	1
Methyl Acetate	ND		ug/kg	330	78.	1
Cyclohexane	ND		ug/kg	820	45.	1
1,4-Dioxane	ND		ug/kg	8200	2900	1
Freon-113	ND		ug/kg	330	57.	1
Methyl cyclohexane	89	J	ug/kg	330	50.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	100		70-130

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-13
 Client ID: SHEETER PIT #2-WW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:55
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/06/18 01:06
 Analyst: MV
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-13
 Client ID: SHEETER PIT #2-WW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:55
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.22	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	23		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
Methyl Acetate	ND		ug/kg	4.3	1.0	1
Cyclohexane	ND		ug/kg	11	0.58	1
1,4-Dioxane	ND		ug/kg	110	38.	1
Freon-113	ND		ug/kg	4.3	0.74	1
Methyl cyclohexane	ND		ug/kg	4.3	0.65	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	102		70-130

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/03/18 08:54
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1175821-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/03/18 08:54
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1175821-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 11/03/18 08:54
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1175821-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	91		70-130

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/05/18 20:06
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03-13 Batch: WG1176303-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15



Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/05/18 20:06
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03-13 Batch: WG1176303-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	100	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 11/05/18 20:06
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 03-13 Batch: WG1176303-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/06/18 07:37
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 12 Batch: WG1176433-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/06/18 07:37
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 12 Batch: WG1176433-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	12	J	ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	5000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 11/06/18 07:37
 Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 12 Batch: WG1176433-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1175821-3 WG1175821-4								
Methylene chloride	87		82		70-130	6		20
1,1-Dichloroethane	98		94		70-130	4		20
Chloroform	85		81		70-130	5		20
Carbon tetrachloride	77		73		63-132	5		20
1,2-Dichloropropane	110		100		70-130	10		20
Dibromochloromethane	92		87		63-130	6		20
1,1,2-Trichloroethane	96		90		70-130	6		20
Tetrachloroethene	92		86		70-130	7		20
Chlorobenzene	97		91		75-130	6		20
Trichlorofluoromethane	70		68		62-150	3		20
1,2-Dichloroethane	90		84		70-130	7		20
1,1,1-Trichloroethane	82		78		67-130	5		20
Bromodichloromethane	85		80		67-130	6		20
trans-1,3-Dichloropropene	87		82		70-130	6		20
cis-1,3-Dichloropropene	88		81		70-130	8		20
Bromoform	84		79		54-136	6		20
1,1,2,2-Tetrachloroethane	94		88		67-130	7		20
Benzene	92		88		70-130	4		20
Toluene	97		90		70-130	7		20
Ethylbenzene	96		90		70-130	6		20
Chloromethane	110		100		64-130	10		20
Bromomethane	54		53		39-139	2		20
Vinyl chloride	110		100		55-140	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1175821-3 WG1175821-4								
Chloroethane	95		90		55-138	5		20
1,1-Dichloroethene	80		76		61-145	5		20
trans-1,2-Dichloroethene	86		81		70-130	6		20
Trichloroethene	88		82		70-130	7		20
1,2-Dichlorobenzene	99		93		70-130	6		20
1,3-Dichlorobenzene	100		94		70-130	6		20
1,4-Dichlorobenzene	99		92		70-130	7		20
Methyl tert butyl ether	84		81		63-130	4		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	90		84		70-130	7		20
Styrene	95		90		70-130	5		20
Dichlorodifluoromethane	78		76		36-147	3		20
Acetone	150	Q	79		58-148	62	Q	20
Carbon disulfide	87		78		51-130	11		20
2-Butanone	100		84		63-138	17		20
4-Methyl-2-pentanone	120		110		59-130	9		20
2-Hexanone	96		83		57-130	15		20
Bromochloromethane	98		92		70-130	6		20
1,2-Dibromoethane	94		90		70-130	4		20
1,2-Dibromo-3-chloropropane	81		78		41-144	4		20
Isopropylbenzene	100		94		70-130	6		20
1,2,3-Trichlorobenzene	73		69	Q	70-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Project Number: E1605

Lab Number: L1844369

Report Date: 11/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1175821-3 WG1175821-4								
1,2,4-Trichlorobenzene	85		82		70-130	4		20
Methyl Acetate	110		110		70-130	0		20
Cyclohexane	100		99		70-130	1		20
1,4-Dioxane	142		134		56-162	6		20
Freon-113	73		73		70-130	0		20
Methyl cyclohexane	84		81		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		93		70-130
Toluene-d8	103		104		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	92		92		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03-13 Batch: WG1176303-3 WG1176303-4								
Methylene chloride	103		101		70-130	2		30
1,1-Dichloroethane	111		110		70-130	1		30
Chloroform	110		109		70-130	1		30
Carbon tetrachloride	114		112		70-130	2		30
1,2-Dichloropropane	109		107		70-130	2		30
Dibromochloromethane	102		102		70-130	0		30
1,1,2-Trichloroethane	107		105		70-130	2		30
Tetrachloroethene	114		112		70-130	2		30
Chlorobenzene	108		106		70-130	2		30
Trichlorofluoromethane	117		117		70-139	0		30
1,2-Dichloroethane	107		107		70-130	0		30
1,1,1-Trichloroethane	114		111		70-130	3		30
Bromodichloromethane	111		109		70-130	2		30
trans-1,3-Dichloropropene	102		100		70-130	2		30
cis-1,3-Dichloropropene	115		114		70-130	1		30
Bromoform	101		100		70-130	1		30
1,1,2,2-Tetrachloroethane	104		103		70-130	1		30
Benzene	111		109		70-130	2		30
Toluene	110		106		70-130	4		30
Ethylbenzene	109		106		70-130	3		30
Chloromethane	107		105		52-130	2		30
Bromomethane	124		119		57-147	4		30
Vinyl chloride	111		109		67-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03-13 Batch: WG1176303-3 WG1176303-4								
Chloroethane	108		107		50-151	1		30
1,1-Dichloroethene	115		110		65-135	4		30
trans-1,2-Dichloroethene	114		112		70-130	2		30
Trichloroethene	112		111		70-130	1		30
1,2-Dichlorobenzene	107		104		70-130	3		30
1,3-Dichlorobenzene	108		105		70-130	3		30
1,4-Dichlorobenzene	104		104		70-130	0		30
Methyl tert butyl ether	105		103		66-130	2		30
p/m-Xylene	112		110		70-130	2		30
o-Xylene	111		108		70-130	3		30
cis-1,2-Dichloroethene	113		111		70-130	2		30
Styrene	111		109		70-130	2		30
Dichlorodifluoromethane	97		94		30-146	3		30
Acetone	102		103		54-140	1		30
Carbon disulfide	99		95		59-130	4		30
2-Butanone	92		92		70-130	0		30
4-Methyl-2-pentanone	104		104		70-130	0		30
2-Hexanone	105		103		70-130	2		30
Bromochloromethane	111		110		70-130	1		30
1,2-Dibromoethane	102		103		70-130	1		30
1,2-Dibromo-3-chloropropane	90		94		68-130	4		30
Isopropylbenzene	106		104		70-130	2		30
1,2,3-Trichlorobenzene	107		104		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Project Number: E1605

Lab Number: L1844369

Report Date: 11/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03-13 Batch: WG1176303-3 WG1176303-4								
1,2,4-Trichlorobenzene	110		108		70-130	2		30
Methyl Acetate	97		98		51-146	1		30
Cyclohexane	114		111		59-142	3		30
1,4-Dioxane	110		114		65-136	4		30
Freon-113	110		100		50-139	10		30
Methyl cyclohexane	113		111		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		99		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	105		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 12 Batch: WG1176433-3 WG1176433-4								
Methylene chloride	102		103		70-130	1		30
1,1-Dichloroethane	106		107		70-130	1		30
Chloroform	117		114		70-130	3		30
Carbon tetrachloride	104		106		70-130	2		30
1,2-Dichloropropane	107		107		70-130	0		30
Dibromochloromethane	115		113		70-130	2		30
1,1,2-Trichloroethane	116		113		70-130	3		30
Tetrachloroethene	114		112		70-130	2		30
Chlorobenzene	109		108		70-130	1		30
Trichlorofluoromethane	110		110		70-139	0		30
1,2-Dichloroethane	114		112		70-130	2		30
1,1,1-Trichloroethane	115		116		70-130	1		30
Bromodichloromethane	123		123		70-130	0		30
trans-1,3-Dichloropropene	118		116		70-130	2		30
cis-1,3-Dichloropropene	123		121		70-130	2		30
Bromoform	120		116		70-130	3		30
1,1,2,2-Tetrachloroethane	108		104		70-130	4		30
Benzene	110		110		70-130	0		30
Toluene	108		108		70-130	0		30
Ethylbenzene	111		110		70-130	1		30
Chloromethane	88		89		52-130	1		30
Bromomethane	134		130		57-147	3		30
Vinyl chloride	111		108		67-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 12 Batch: WG1176433-3 WG1176433-4								
Chloroethane	139		134		50-151	4		30
1,1-Dichloroethene	106		106		65-135	0		30
trans-1,2-Dichloroethene	108		110		70-130	2		30
Trichloroethene	114		116		70-130	2		30
1,2-Dichlorobenzene	107		108		70-130	1		30
1,3-Dichlorobenzene	107		107		70-130	0		30
1,4-Dichlorobenzene	105		106		70-130	1		30
Methyl tert butyl ether	121		118		66-130	3		30
p/m-Xylene	113		113		70-130	0		30
o-Xylene	116		118		70-130	2		30
cis-1,2-Dichloroethene	113		112		70-130	1		30
Styrene	108		108		70-130	0		30
Dichlorodifluoromethane	92		92		30-146	0		30
Acetone	101		95		54-140	6		30
Carbon disulfide	99		100		59-130	1		30
2-Butanone	112		107		70-130	5		30
4-Methyl-2-pentanone	100		97		70-130	3		30
2-Hexanone	97		94		70-130	3		30
Bromochloromethane	116		114		70-130	2		30
1,2-Dibromoethane	118		114		70-130	3		30
1,2-Dibromo-3-chloropropane	104		104		68-130	0		30
Isopropylbenzene	104		104		70-130	0		30
1,2,3-Trichlorobenzene	118		119		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Project Number: E1605

Lab Number: L1844369

Report Date: 11/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 12 Batch: WG1176433-3 WG1176433-4								
1,2,4-Trichlorobenzene	120		121		70-130	1		30
Methyl Acetate	99		97		51-146	2		30
Cyclohexane	97		95		59-142	2		30
1,4-Dioxane	118		108		65-136	9		30
Freon-113	105		104		50-139	1		30
Methyl cyclohexane	101		101		70-130	0		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	109		107		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	105		106		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03-13 QC Batch ID: WG1176303-6 WG1176303-7 QC Sample: L1844369-09 Client ID: SHEETER PIT #2-NW												
Methylene chloride	ND	108	94	87		98	87		70-130	4		30
1,1-Dichloroethane	ND	108	110	103		120	104		70-130	6		30
Chloroform	ND	108	100	95		110	96		70-130	6		30
Carbon tetrachloride	ND	108	120	114		130	118		70-130	8		30
1,2-Dichloropropane	ND	108	99	92		110	93		70-130	6		30
Dibromochloromethane	ND	108	83	77		87	77		70-130	4		30
1,1,2-Trichloroethane	ND	108	87	81		89	79		70-130	3		30
Tetrachloroethene	ND	108	79	73		89	79		70-130	12		30
Chlorobenzene	ND	108	61	57	Q	65	58	Q	70-130	7		30
Trichlorofluoromethane	ND	108	130	123		140	126		70-139	7		30
1,2-Dichloroethane	ND	108	93	86		95	84		70-130	2		30
1,1,1-Trichloroethane	ND	108	120	109		130	112		70-130	7		30
Bromodichloromethane	ND	108	96	89		100	90		70-130	6		30
trans-1,3-Dichloropropene	ND	108	62	57	Q	64	56	Q	70-130	4		30
cis-1,3-Dichloropropene	ND	108	82	76		86	76		70-130	5		30
Bromoform	ND	108	77	71		79	70		70-130	2		30
1,1,2,2-Tetrachloroethane	ND	108	77	72		80	71		70-130	3		30
Benzene	ND	108	98	90		110	93		70-130	7		30
Toluene	ND	108	81	75		87	77		70-130	8		30
Ethylbenzene	ND	108	68	63	Q	73	65	Q	70-130	8		30
Chloromethane	ND	108	110	100		120	104		52-130	8		30
Bromomethane	ND	108	110	106		120	106		57-147	5		30
Vinyl chloride	ND	108	120	114		130	118		67-130	8		30

Matrix Spike Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03-13 QC Batch ID: WG1176303-6 WG1176303-7 QC Sample: L1844369-09 Client ID: SHEETER PIT #2-NW												
Chloroethane	ND	108	100	92		110	95		50-151	7		30
1,1-Dichloroethene	ND	108	120	108		140	120		65-135	16		30
trans-1,2-Dichloroethene	ND	108	93	86		100	92		70-130	11		30
Trichloroethene	ND	108	92	85		100	88		70-130	9		30
1,2-Dichlorobenzene	ND	108	40	37	Q	41	37	Q	70-130	4		30
1,3-Dichlorobenzene	ND	108	36	33	Q	38	34	Q	70-130	7		30
1,4-Dichlorobenzene	ND	108	31	29	Q	33	29	Q	70-130	7		30
Methyl tert butyl ether	ND	108	110	98		110	96		66-130	3		30
p/m-Xylene	ND	216	130	60	Q	140	62	Q	70-130	8		30
o-Xylene	ND	216	140	63	Q	140	63	Q	70-130	6		30
cis-1,2-Dichloroethene	ND	108	92	86		99	88		70-130	7		30
Styrene	ND	216	110	49	Q	110	50	Q	70-130	6		30
Dichlorodifluoromethane	ND	108	120	109		130	113		30-146	8		30
Acetone	10.J	108	110	97		110	94		54-140	1		30
Carbon disulfide	ND	108	85	79		120	107		59-130	35	Q	30
2-Butanone	ND	108	90	84		90	80		70-130	0		30
4-Methyl-2-pentanone	ND	108	95	88		97	85		70-130	1		30
2-Hexanone	ND	108	83	77		82	73		70-130	1		30
Bromochloromethane	ND	108	91	85		94	83		70-130	3		30
1,2-Dibromoethane	ND	108	73	68	Q	73	65	Q	70-130	0		30
1,2-Dibromo-3-chloropropane	ND	108	64	60	Q	63	56	Q	68-130	2		30
Isopropylbenzene	ND	108	63	59	Q	69	61	Q	70-130	8		30
1,2,3-Trichlorobenzene	ND	108	24	22	Q	25	22	Q	70-130	4		30

Matrix Spike Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 03-13 QC Batch ID: WG1176303-6 WG1176303-7 QC Sample: L1844369-09 Client ID: SHEETER PIT #2-NW												
1,2,4-Trichlorobenzene	ND	108	21	19	Q	23	20	Q	70-130	10		30
Methyl Acetate	ND	108	150	136		150	134		51-146	3		30
Cyclohexane	ND	108	120	110		130	117		59-142	10		30
1,4-Dioxane	ND	5390	5400	100		5600	99		65-136	3		30
Freon-113	ND	108	130	122		170	148	Q	50-139	23		30
Methyl cyclohexane	ND	108	100	94		120	105		70-130	16		30

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
1,2-Dichloroethane-d4	101		101		70-130
4-Bromofluorobenzene	100		101		70-130
Dibromofluoromethane	106		105		70-130
Toluene-d8	98		98		70-130

SEMIVOLATILES

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-01
 Client ID: EQUIPMENT RINSATE (103018)
 Sample Location: MOD-PAC

Date Collected: 10/30/18 13:00
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 11/04/18 02:26
 Analyst: EK

Extraction Method: EPA 3510C
 Extraction Date: 11/02/18 16:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.59	1
Hexachlorobenzene	ND		ug/l	2.0	0.58	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
2-Chloronaphthalene	ND		ug/l	2.0	0.64	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
Fluoranthene	ND		ug/l	2.0	0.57	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorobutadiene	ND		ug/l	2.0	0.72	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Hexachloroethane	ND		ug/l	2.0	0.68	1
Isophorone	ND		ug/l	5.0	0.60	1
Naphthalene	ND		ug/l	2.0	0.68	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Benzo(a)anthracene	ND		ug/l	2.0	0.61	1
Benzo(a)pyrene	ND		ug/l	2.0	0.54	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-01
Client ID: EQUIPMENT RINSATE (103018)
Sample Location: MOD-PAC

Date Collected: 10/30/18 13:00
Date Received: 10/30/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/l	2.0	0.64	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.60	1
Chrysene	ND		ug/l	2.0	0.54	1
Acenaphthylene	ND		ug/l	2.0	0.66	1
Anthracene	ND		ug/l	2.0	0.64	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.61	1
Fluorene	ND		ug/l	2.0	0.62	1
Phenanthrene	ND		ug/l	2.0	0.61	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.55	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.71	1
Pyrene	ND		ug/l	2.0	0.57	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
2-Methylnaphthalene	ND		ug/l	2.0	0.72	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Pentachlorophenol	ND		ug/l	10	3.4	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1
Atrazine	ND		ug/l	10	1.8	1
Benzaldehyde	ND		ug/l	5.0	1.1	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-01
 Client ID: EQUIPMENT RINSATE (103018)
 Sample Location: MOD-PAC

Date Collected: 10/30/18 13:00
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/l	10	3.6	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.93	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	91		41-149

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-03
 Client ID: SHEETER PIT #1-EW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 14:10
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/02/18 13:04
 Analyst: EK
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 09:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-03
 Client ID: SHEETER PIT #1-EW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 14:10
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	25	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	40.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	23	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Carbazole	ND		ug/kg	170	17.	1
Atrazine	ND		ug/kg	140	61.	1
Benzaldehyde	ND		ug/kg	230	47.	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-03
 Client ID: SHEETER PIT #1-EW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 14:10
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	170	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	70		18-120

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-04
 Client ID: SHEETER PIT #1-EW DUPLICATE
 Sample Location: MOD-PAC

Date Collected: 10/30/18 14:10
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/02/18 13:28
 Analyst: EK
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 09:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	21	J	ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-04
 Client ID: SHEETER PIT #1-EW DUPLICATE
 Sample Location: MOD-PAC

Date Collected: 10/30/18 14:10
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	22	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	72.	1
Dibenzofuran	ND		ug/kg	180	16.	1
2-Methylnaphthalene	28	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	ND		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	61.	1
Benzaldehyde	ND		ug/kg	230	47.	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-04
 Client ID: SHEETER PIT #1-EW DUPLICATE
 Sample Location: MOD-PAC

Date Collected: 10/30/18 14:10
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	74		18-120

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-05
 Client ID: SHEETER PIT #1-NW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 14:40
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/02/18 13:52
 Analyst: EK
 Percent Solids: 98%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 09:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	130	17.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	16.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.	1
2,4-Dinitrotoluene	ND		ug/kg	170	33.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	24.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	130	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	20.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	130	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.	1
Butyl benzyl phthalate	ND		ug/kg	170	42.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	57.	1
Diethyl phthalate	ND		ug/kg	170	15.	1
Dimethyl phthalate	ND		ug/kg	170	35.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	130	41.	1

Project Name: REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18**SAMPLE RESULTS**

Lab ID: L1844369-05
 Client ID: SHEETER PIT #1-NW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 14:40
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	100	28.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	17.	1
Acenaphthylene	ND		ug/kg	130	26.	1
Anthracene	ND		ug/kg	100	32.	1
Benzo(ghi)perylene	ND		ug/kg	130	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	36	J	ug/kg	100	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.	1
Pyrene	ND		ug/kg	100	16.	1
Biphenyl	ND		ug/kg	380	39.	1
4-Chloroaniline	ND		ug/kg	170	30.	1
2-Nitroaniline	ND		ug/kg	170	32.	1
3-Nitroaniline	ND		ug/kg	170	31.	1
4-Nitroaniline	ND		ug/kg	170	69.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	55.	1
2-Nitrophenol	ND		ug/kg	360	63.	1
4-Nitrophenol	ND		ug/kg	230	68.	1
2,4-Dinitrophenol	ND		ug/kg	800	78.	1
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.	1
Pentachlorophenol	ND		ug/kg	130	37.	1
Phenol	ND		ug/kg	170	25.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Carbazole	ND		ug/kg	170	16.	1
Atrazine	ND		ug/kg	130	58.	1
Benzaldehyde	ND		ug/kg	220	45.	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-05
 Client ID: SHEETER PIT #1-NW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 14:40
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	170	51.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	64		18-120

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-06
 Client ID: SHEETER PIT #1-BOTTOM
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:00
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/02/18 14:16
 Analyst: EK
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 09:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	31	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	21	J	ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-06
 Client ID: SHEETER PIT #1-BOTTOM
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:00
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	27	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	31	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	34	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	ND		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-06
 Client ID: SHEETER PIT #1-BOTTOM
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:00
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	50		18-120

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-07
 Client ID: SHEETER PIT #1-WW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:20
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/02/18 14:40
 Analyst: EK
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 09:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	37	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	31	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	39	J	ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-07
 Client ID: SHEETER PIT #1-WW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:20
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	46	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	110		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	31	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	160		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	55	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	22	J	ug/kg	180	17.	1
2-Methylnaphthalene	47	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	53	J	ug/kg	240	49.	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-07
 Client ID: SHEETER PIT #1-WW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:20
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	59		18-120

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-08
 Client ID: SHEETER PIT #1-SW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:35
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/02/18 16:16
 Analyst: EK
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 09:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	35	J	ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	930		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	28	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	460		ug/kg	100	19.	1
Benzo(a)pyrene	340		ug/kg	140	42.	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-08
 Client ID: SHEETER PIT #1-SW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:35
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	520		ug/kg	100	29.	1
Benzo(k)fluoranthene	150		ug/kg	100	28.	1
Chrysene	480		ug/kg	100	18.	1
Acenaphthylene	49	J	ug/kg	140	27.	1
Anthracene	160		ug/kg	100	34.	1
Benzo(ghi)perylene	220		ug/kg	140	20.	1
Fluorene	59	J	ug/kg	170	17.	1
Phenanthrene	790		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	69	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	220		ug/kg	140	24.	1
Pyrene	770		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	40.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	41	J	ug/kg	170	16.	1
2-Methylnaphthalene	36	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	830	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Carbazole	70	J	ug/kg	170	17.	1
Atrazine	ND		ug/kg	140	60.	1
Benzaldehyde	ND		ug/kg	230	46.	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-08
 Client ID: SHEETER PIT #1-SW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:35
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	170	52.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	64		18-120

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-09
 Client ID: SHEETER PIT #2-NW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:55
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/02/18 13:27
 Analyst: ALS
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 09:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	21	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	150	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	23	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	30	J	ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1

Project Name: REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18**SAMPLE RESULTS**

Lab ID: L1844369-09
 Client ID: SHEETER PIT #2-NW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:55
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	38	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	50	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	27	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	40.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	24	J	ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Carbazole	ND		ug/kg	170	17.	1
Atrazine	ND		ug/kg	140	60.	1
Benzaldehyde	ND		ug/kg	220	46.	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-09
Client ID: SHEETER PIT #2-NW
Sample Location: MOD-PAC

Date Collected: 10/30/18 15:55
Date Received: 10/30/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	170	52.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	75		18-120

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-10
 Client ID: SHEETER PIT #2-EW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:10
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/02/18 15:04
 Analyst: EK
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 09:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	47	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	53	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	49	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18**SAMPLE RESULTS**

Lab ID: L1844369-10
 Client ID: SHEETER PIT #2-EW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:10
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	81	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	150		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	56	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	170		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	34	J	ug/kg	150	26.	1
Pyrene	68	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	32	J	ug/kg	190	18.	1
2-Methylnaphthalene	74	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	70	J	ug/kg	250	51.	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-10
 Client ID: SHEETER PIT #2-EW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:10
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		25-120
Phenol-d6	51		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	59		18-120

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-11
 Client ID: SHEETER PIT #2-BOTTOM
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:25
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/02/18 15:28
 Analyst: EK
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 09:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	53	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-11
 Client ID: SHEETER PIT #2-BOTTOM
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:25
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	29	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	100	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	47	J	ug/kg	180	17.	1
2-Methylnaphthalene	83	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	ND		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	ND		ug/kg	240	48.	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-11
Client ID: SHEETER PIT #2-BOTTOM
Sample Location: MOD-PAC

Date Collected: 10/30/18 16:25
Date Received: 10/30/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	69		18-120

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-12
 Client ID: SHEETER PIT #2-SW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:40
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/02/18 15:52
 Analyst: EK
 Percent Solids: 96%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 09:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	63	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1

Project Name: REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18**SAMPLE RESULTS**

Lab ID: L1844369-12
 Client ID: SHEETER PIT #2-SW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:40
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	41	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	40.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	18	J	ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	830	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Carbazole	ND		ug/kg	170	17.	1
Atrazine	ND		ug/kg	140	60.	1
Benzaldehyde	ND		ug/kg	230	46.	1

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-12
 Client ID: SHEETER PIT #2-SW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:40
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	170	52.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	68		18-120

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-13 D
 Client ID: SHEETER PIT #2-WW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:55
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 11/02/18 17:29
 Analyst: ALS
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 09:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	730	94.	5
Hexachlorobenzene	ND		ug/kg	540	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	820	120	5
2-Chloronaphthalene	ND		ug/kg	910	90.	5
3,3'-Dichlorobenzidine	ND		ug/kg	910	240	5
2,4-Dinitrotoluene	ND		ug/kg	910	180	5
2,6-Dinitrotoluene	ND		ug/kg	910	160	5
Fluoranthene	150	J	ug/kg	540	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	910	97.	5
4-Bromophenyl phenyl ether	ND		ug/kg	910	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	980	91.	5
Hexachlorobutadiene	ND		ug/kg	910	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	820	5
Hexachloroethane	ND		ug/kg	730	150	5
Isophorone	ND		ug/kg	820	120	5
Naphthalene	ND		ug/kg	910	110	5
Nitrobenzene	ND		ug/kg	820	130	5
NDPA/DPA	ND		ug/kg	730	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	910	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	910	310	5
Butyl benzyl phthalate	ND		ug/kg	910	230	5
Di-n-butylphthalate	ND		ug/kg	910	170	5
Di-n-octylphthalate	ND		ug/kg	910	310	5
Diethyl phthalate	ND		ug/kg	910	84.	5
Dimethyl phthalate	ND		ug/kg	910	190	5
Benzo(a)anthracene	290	J	ug/kg	540	100	5
Benzo(a)pyrene	ND		ug/kg	730	220	5

Project Name: REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18**SAMPLE RESULTS**

Lab ID: L1844369-13 D

Date Collected: 10/30/18 16:55

Client ID: SHEETER PIT #2-WW

Date Received: 10/30/18

Sample Location: MOD-PAC

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	540	150	5
Benzo(k)fluoranthene	ND		ug/kg	540	140	5
Chrysene	2400		ug/kg	540	94.	5
Acenaphthylene	ND		ug/kg	730	140	5
Anthracene	ND		ug/kg	540	180	5
Benzo(ghi)perylene	ND		ug/kg	730	110	5
Fluorene	ND		ug/kg	910	88.	5
Phenanthrene	260	J	ug/kg	540	110	5
Dibenzo(a,h)anthracene	ND		ug/kg	540	100	5
Indeno(1,2,3-cd)pyrene	ND		ug/kg	730	130	5
Pyrene	520	J	ug/kg	540	90.	5
Biphenyl	ND		ug/kg	2100	210	5
4-Chloroaniline	ND		ug/kg	910	160	5
2-Nitroaniline	ND		ug/kg	910	180	5
3-Nitroaniline	ND		ug/kg	910	170	5
4-Nitroaniline	ND		ug/kg	910	380	5
Dibenzofuran	ND		ug/kg	910	86.	5
2-Methylnaphthalene	ND		ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	910	95.	5
Acetophenone	ND		ug/kg	910	110	5
2,4,6-Trichlorophenol	ND		ug/kg	540	170	5
p-Chloro-m-cresol	ND		ug/kg	910	140	5
2-Chlorophenol	ND		ug/kg	910	110	5
2,4-Dichlorophenol	ND		ug/kg	820	150	5
2,4-Dimethylphenol	ND		ug/kg	910	300	5
2-Nitrophenol	ND		ug/kg	2000	340	5
4-Nitrophenol	ND		ug/kg	1300	370	5
2,4-Dinitrophenol	ND		ug/kg	4400	420	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	440	5
Pentachlorophenol	ND		ug/kg	730	200	5
Phenol	ND		ug/kg	910	140	5
2-Methylphenol	ND		ug/kg	910	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5
2,4,5-Trichlorophenol	ND		ug/kg	910	170	5
Carbazole	ND		ug/kg	910	88.	5
Atrazine	ND		ug/kg	730	320	5
Benzaldehyde	ND		ug/kg	1200	240	5

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-13 D
 Client ID: SHEETER PIT #2-WW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:55
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	910	280	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	910	180	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	62		18-120

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/02/18 10:25
 Analyst: EK

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 09:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-13 Batch: WG1174737-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/02/18 10:25
 Analyst: EK

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 09:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-13 Batch: WG1174737-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 11/02/18 10:25
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 11/01/18 09:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-13 Batch: WG1174737-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	82		18-120

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/02/18 12:27
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 11/01/18 18:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1175020-1					
Acenaphthene	ND		ug/l	2.0	0.59
Hexachlorobenzene	ND		ug/l	2.0	0.58
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67
2-Chloronaphthalene	ND		ug/l	2.0	0.64
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1
Fluoranthene	ND		ug/l	2.0	0.57
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63
Hexachlorobutadiene	ND		ug/l	2.0	0.72
Hexachlorocyclopentadiene	ND		ug/l	20	7.8
Hexachloroethane	ND		ug/l	2.0	0.68
Isophorone	ND		ug/l	5.0	0.60
Naphthalene	ND		ug/l	2.0	0.68
Nitrobenzene	ND		ug/l	2.0	0.75
NDPA/DPA	ND		ug/l	2.0	0.64
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91
Butyl benzyl phthalate	ND		ug/l	5.0	1.3
Di-n-butylphthalate	ND		ug/l	5.0	0.69
Di-n-octylphthalate	ND		ug/l	5.0	1.1
Diethyl phthalate	ND		ug/l	3.0	0.63
Dimethyl phthalate	ND		ug/l	3.0	0.65
Benzo(a)anthracene	ND		ug/l	2.0	0.61
Benzo(a)pyrene	ND		ug/l	2.0	0.54
Benzo(b)fluoranthene	ND		ug/l	2.0	0.64

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/02/18 12:27
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 11/01/18 18:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1175020-1					
Benzo(k)fluoranthene	ND		ug/l	2.0	0.60
Chrysene	ND		ug/l	2.0	0.54
Acenaphthylene	ND		ug/l	2.0	0.66
Anthracene	ND		ug/l	2.0	0.64
Benzo(ghi)perylene	ND		ug/l	2.0	0.61
Fluorene	ND		ug/l	2.0	0.62
Phenanthrene	ND		ug/l	2.0	0.61
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.55
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.71
Pyrene	ND		ug/l	2.0	0.57
Biphenyl	ND		ug/l	2.0	0.76
4-Chloroaniline	ND		ug/l	5.0	0.63
2-Nitroaniline	ND		ug/l	5.0	1.1
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.66
2-Methylnaphthalene	ND		ug/l	2.0	0.72
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67
Acetophenone	ND		ug/l	5.0	0.85
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68
p-Chloro-m-cresol	ND		ug/l	2.0	0.62
2-Chlorophenol	ND		ug/l	2.0	0.63
2,4-Dichlorophenol	ND		ug/l	5.0	0.77
2,4-Dimethylphenol	ND		ug/l	5.0	1.6
2-Nitrophenol	ND		ug/l	10	1.5
4-Nitrophenol	ND		ug/l	10	1.8
2,4-Dinitrophenol	ND		ug/l	20	5.5
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1
Pentachlorophenol	ND		ug/l	10	3.4

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 11/02/18 12:27
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 11/01/18 18:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1175020-1					
Phenol	ND		ug/l	5.0	1.9
2-Methylphenol	ND		ug/l	5.0	1.0
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72
Carbazole	ND		ug/l	2.0	0.63
Atrazine	ND		ug/l	10	1.8
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	3.6
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.93

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	83		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-13 Batch: WG1174737-2 WG1174737-3								
Acenaphthene	95		82		31-137	15		50
Hexachlorobenzene	101		85		40-140	17		50
Bis(2-chloroethyl)ether	89		80		40-140	11		50
2-Chloronaphthalene	91		86		40-140	6		50
3,3'-Dichlorobenzidine	78		67		40-140	15		50
2,4-Dinitrotoluene	113		97		40-132	15		50
2,6-Dinitrotoluene	105		97		40-140	8		50
Fluoranthene	100		83		40-140	19		50
4-Chlorophenyl phenyl ether	99		84		40-140	16		50
4-Bromophenyl phenyl ether	103		88		40-140	16		50
Bis(2-chloroisopropyl)ether	89		81		40-140	9		50
Bis(2-chloroethoxy)methane	104		82		40-117	24		50
Hexachlorobutadiene	87		83		40-140	5		50
Hexachlorocyclopentadiene	85		80		40-140	6		50
Hexachloroethane	94		79		40-140	17		50
Isophorone	107		86		40-140	22		50
Naphthalene	94		83		40-140	12		50
Nitrobenzene	107		84		40-140	24		50
NDPA/DPA	100		85		36-157	16		50
n-Nitrosodi-n-propylamine	97		84		32-121	14		50
Bis(2-ethylhexyl)phthalate	110		93		40-140	17		50
Butyl benzyl phthalate	105		88		40-140	18		50
Di-n-butylphthalate	104		88		40-140	17		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-13 Batch: WG1174737-2 WG1174737-3								
Di-n-octylphthalate	118		94		40-140	23		50
Diethyl phthalate	99		83		40-140	18		50
Dimethyl phthalate	96		89		40-140	8		50
Benzo(a)anthracene	95		82		40-140	15		50
Benzo(a)pyrene	105		85		40-140	21		50
Benzo(b)fluoranthene	103		82		40-140	23		50
Benzo(k)fluoranthene	109		86		40-140	24		50
Chrysene	97		82		40-140	17		50
Acenaphthylene	95		86		40-140	10		50
Anthracene	100		85		40-140	16		50
Benzo(ghi)perylene	95		80		40-140	17		50
Fluorene	98		84		40-140	15		50
Phenanthrene	96		81		40-140	17		50
Dibenzo(a,h)anthracene	94		80		40-140	16		50
Indeno(1,2,3-cd)pyrene	97		82		40-140	17		50
Pyrene	97		82		35-142	17		50
Biphenyl	93		87		54-104	7		50
4-Chloroaniline	71		61		40-140	15		50
2-Nitroaniline	112		101		47-134	10		50
3-Nitroaniline	94		79		26-129	17		50
4-Nitroaniline	109		93		41-125	16		50
Dibenzofuran	97		83		40-140	16		50
2-Methylnaphthalene	89		84		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-13 Batch: WG1174737-2 WG1174737-3								
1,2,4,5-Tetrachlorobenzene	92		85		40-117	8		50
Acetophenone	97		83		14-144	16		50
2,4,6-Trichlorophenol	103		94		30-130	9		50
p-Chloro-m-cresol	101		94		26-103	7		50
2-Chlorophenol	98		87		25-102	12		50
2,4-Dichlorophenol	117		91		30-130	25		50
2,4-Dimethylphenol	118		92		30-130	25		50
2-Nitrophenol	130		104		30-130	22		50
4-Nitrophenol	107		96		11-114	11		50
2,4-Dinitrophenol	114		100		4-130	13		50
4,6-Dinitro-o-cresol	112		95		10-130	16		50
Pentachlorophenol	112	Q	92		17-109	20		50
Phenol	96	Q	86		26-90	11		50
2-Methylphenol	105		89		30-130	16		50
3-Methylphenol/4-Methylphenol	106		88		30-130	19		50
2,4,5-Trichlorophenol	102		98		30-130	4		50
Carbazole	102		86		54-128	17		50
Atrazine	111		95		40-140	16		50
Benzaldehyde	76		73		40-140	4		50
Caprolactam	96		96		15-130	0		50
2,3,4,6-Tetrachlorophenol	106		91		40-140	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-13 Batch: WG1174737-2 WG1174737-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	91		78		25-120
Phenol-d6	89		82		10-120
Nitrobenzene-d5	101		80		23-120
2-Fluorobiphenyl	88		80		30-120
2,4,6-Tribromophenol	113		89		10-136
4-Terphenyl-d14	86		71		18-120



Lab Control Sample Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1175020-2 WG1175020-3								
Acenaphthene	75		76		37-111	1		30
Hexachlorobenzene	79		80		40-140	1		30
Bis(2-chloroethyl)ether	68		68		40-140	0		30
2-Chloronaphthalene	73		73		40-140	0		30
3,3'-Dichlorobenzidine	82		83		40-140	1		30
2,4-Dinitrotoluene	92		93		48-143	1		30
2,6-Dinitrotoluene	90		90		40-140	0		30
Fluoranthene	86		89		40-140	3		30
4-Chlorophenyl phenyl ether	77		79		40-140	3		30
4-Bromophenyl phenyl ether	82		83		40-140	1		30
Bis(2-chloroisopropyl)ether	77		78		40-140	1		30
Bis(2-chloroethoxy)methane	72		72		40-140	0		30
Hexachlorobutadiene	60		61		40-140	2		30
Hexachlorocyclopentadiene	58		61		40-140	5		30
Hexachloroethane	58		57		40-140	2		30
Isophorone	75		76		40-140	1		30
Naphthalene	66		67		40-140	2		30
Nitrobenzene	72		72		40-140	0		30
NDPA/DPA	82		84		40-140	2		30
n-Nitrosodi-n-propylamine	73		74		29-132	1		30
Bis(2-ethylhexyl)phthalate	82		83		40-140	1		30
Butyl benzyl phthalate	99		102		40-140	3		30
Di-n-butylphthalate	92		96		40-140	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1175020-2 WG1175020-3								
Di-n-octylphthalate	86		88		40-140	2		30
Diethyl phthalate	86		88		40-140	2		30
Dimethyl phthalate	84		85		40-140	1		30
Benzo(a)anthracene	80		83		40-140	4		30
Benzo(a)pyrene	91		95		40-140	4		30
Benzo(b)fluoranthene	90		93		40-140	3		30
Benzo(k)fluoranthene	84		88		40-140	5		30
Chrysene	78		80		40-140	3		30
Acenaphthylene	79		80		45-123	1		30
Anthracene	80		84		40-140	5		30
Benzo(ghi)perylene	86		88		40-140	2		30
Fluorene	81		83		40-140	2		30
Phenanthrene	76		81		40-140	6		30
Dibenzo(a,h)anthracene	87		89		40-140	2		30
Indeno(1,2,3-cd)pyrene	89		92		40-140	3		30
Pyrene	84		87		26-127	4		30
Biphenyl	78		79		40-140	1		30
4-Chloroaniline	62		62		40-140	0		30
2-Nitroaniline	92		93		52-143	1		30
3-Nitroaniline	70		71		25-145	1		30
4-Nitroaniline	88		87		51-143	1		30
Dibenzofuran	76		79		40-140	4		30
2-Methylnaphthalene	70		71		40-140	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1175020-2 WG1175020-3								
1,2,4,5-Tetrachlorobenzene	73		75		2-134	3		30
Acetophenone	81		81		39-129	0		30
2,4,6-Trichlorophenol	86		88		30-130	2		30
p-Chloro-m-cresol	81		81		23-97	0		30
2-Chlorophenol	72		71		27-123	1		30
2,4-Dichlorophenol	80		81		30-130	1		30
2,4-Dimethylphenol	72		55		30-130	27		30
2-Nitrophenol	84		85		30-130	1		30
4-Nitrophenol	54		53		10-80	2		30
2,4-Dinitrophenol	84		85		20-130	1		30
4,6-Dinitro-o-cresol	86		86		20-164	0		30
Pentachlorophenol	84		83		9-103	1		30
Phenol	31		31		12-110	0		30
2-Methylphenol	65		63		30-130	3		30
3-Methylphenol/4-Methylphenol	61		61		30-130	0		30
2,4,5-Trichlorophenol	86		88		30-130	2		30
Carbazole	83		86		55-144	4		30
Atrazine	104		104		40-140	0		30
Benzaldehyde	74		72		40-140	3		30
Caprolactam	32		31		10-130	3		30
2,3,4,6-Tetrachlorophenol	87		89		40-140	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
-----------	-------------------------	-------------	--------------------------	-------------	----------------------------	------------	-------------	----------------------

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1175020-2 WG1175020-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	50		49		21-120
Phenol-d6	34		34		10-120
Nitrobenzene-d5	75		74		23-120
2-Fluorobiphenyl	77		78		15-120
2,4,6-Tribromophenol	91		91		10-120
4-Terphenyl-d14	78		79		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-13 QC Batch ID: WG1174737-4 WG1174737-5 QC Sample: L1844369-09 Client ID: SHEETER PIT #2-NW												
Acenaphthene	ND	1400	1100	79		1100	79		31-137	0		50
Hexachlorobenzene	ND	1400	1100	79		1200	87		40-140	9		50
Bis(2-chloroethyl)ether	ND	1400	1000	72		1000	72		40-140	0		50
2-Chloronaphthalene	ND	1400	1100	79		1100	79		40-140	0		50
3,3'-Dichlorobenzidine	ND	1400	990	71		1100	79		40-140	11		50
2,4-Dinitrotoluene	ND	1400	1200	86		1300	94		40-132	8		50
2,6-Dinitrotoluene	ND	1400	1100	79		1200	87		40-140	9		50
Fluoranthene	21.J	1400	1000	72		1200	87		40-140	18		50
4-Chlorophenyl phenyl ether	ND	1400	1100	79		1200	87		40-140	9		50
4-Bromophenyl phenyl ether	ND	1400	1100	79		1200	87		40-140	9		50
Bis(2-chloroisopropyl)ether	ND	1400	1100	79		1000	72		40-140	10		50
Bis(2-chloroethoxy)methane	ND	1400	1100	79		1100	79		40-117	0		50
Hexachlorobutadiene	ND	1400	1100	79		1100	79		40-140	0		50
Hexachlorocyclopentadiene	ND	1400	710	51		750	54		40-140	5		50
Hexachloroethane	ND	1400	990	71		930	67		40-140	6		50
Isophorone	ND	1400	1100	79		1100	79		40-140	0		50
Naphthalene	23.J	1400	1100	79		1100	79		40-140	0		50
Nitrobenzene	ND	1400	1100	79		1100	79		40-140	0		50
NDPA/DPA	ND	1400	1100	79		1200	87		36-157	9		50
n-Nitrosodi-n-propylamine	ND	1400	1100	79		1100	79		32-121	0		50
Bis(2-ethylhexyl)phthalate	ND	1400	1300	93		1400	100		40-140	7		50
Butyl benzyl phthalate	ND	1400	1100	79		1200	87		40-140	9		50
Di-n-butylphthalate	ND	1400	1100	79		1200	87		40-140	9		50

Matrix Spike Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-13 QC Batch ID: WG1174737-4 WG1174737-5 QC Sample: L1844369-09 Client ID: SHEETER PIT #2-NW												
Di-n-octylphthalate	ND	1400	1300	93		1400	100		40-140	7		50
Diethyl phthalate	ND	1400	1000	72		1100	79		40-140	10		50
Dimethyl phthalate	ND	1400	1000	72		1100	79		40-140	10		50
Benzo(a)anthracene	30.J	1400	1000	72		1100	79		40-140	10		50
Benzo(a)pyrene	ND	1400	830	59		970	70		40-140	16		50
Benzo(b)fluoranthene	ND	1400	900	64		1000	72		40-140	11		50
Benzo(k)fluoranthene	ND	1400	880	63		1000	72		40-140	13		50
Chrysene	38.J	1400	1000	72		1100	79		40-140	10		50
Acenaphthylene	ND	1400	1100	79		1100	79		40-140	0		50
Anthracene	ND	1400	1100	79		1200	87		40-140	9		50
Benzo(ghi)perylene	ND	1400	690	49		800	58		40-140	15		50
Fluorene	ND	1400	1100	79		1100	79		40-140	0		50
Phenanthrene	50.J	1400	1100	79		1200	87		40-140	9		50
Dibenzo(a,h)anthracene	ND	1400	760	54		880	63		40-140	15		50
Indeno(1,2,3-cd)pyrene	ND	1400	720	52		850	61		40-140	17		50
Pyrene	27.J	1400	1000	72		1200	87		35-142	18		50
Biphenyl	ND	1400	1100	79		1100	79		54-104	0		50
4-Chloroaniline	ND	1400	840	60		840	61		40-140	0		50
2-Nitroaniline	ND	1400	1200	86		1300	94		47-134	8		50
3-Nitroaniline	ND	1400	1100	79		1200	87		26-129	9		50
4-Nitroaniline	ND	1400	1000	72		1100	79		41-125	10		50
Dibenzofuran	ND	1400	1100	79		1100	79		40-140	0		50
2-Methylnaphthalene	24.J	1400	1100	79		1100	79		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-13 QC Batch ID: WG1174737-4 WG1174737-5 QC Sample: L1844369-09 Client ID: SHEETER PIT #2-NW												
1,2,4,5-Tetrachlorobenzene	ND	1400	1100	79		1100	79		40-117	0		50
Acetophenone	ND	1400	1100	79		1100	79		14-144	0		50
2,4,6-Trichlorophenol	ND	1400	1100	79		1200	87		30-130	9		50
p-Chloro-m-cresol	ND	1400	1100	79		1200	87		26-103	9		50
2-Chlorophenol	ND	1400	1100	79		1100	79		25-102	0		50
2,4-Dichlorophenol	ND	1400	1200	86		1200	87		30-130	0		50
2,4-Dimethylphenol	ND	1400	700	50		740	53		30-130	6		50
2-Nitrophenol	ND	1400	1200	86		1200	87		30-130	0		50
4-Nitrophenol	ND	1400	820	59		900	65		11-114	9		50
2,4-Dinitrophenol	ND	1400	ND	0	Q	ND	0	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1400	180J	13		210J	15		10-130	15		50
Pentachlorophenol	ND	1400	580	42		690	50		17-109	17		50
Phenol	ND	1400	1000	72		1000	72		26-90	0		50
2-Methylphenol	ND	1400	990	71		980	71		30-130.	1		50
3-Methylphenol/4-Methylphenol	ND	1400	1100	79		1100	79		30-130	0		50
2,4,5-Trichlorophenol	ND	1400	1100	79		1200	87		30-130	9		50
Carbazole	ND	1400	1100	79		1200	87		54-128	9		50
Atrazine	ND	1400	1400	100		1500	110		40-140	7		50
Benzaldehyde	ND	1400	840	60		870	63		40-140	4		50
Caprolactam	ND	1400	1100	79		1200	87		15-130	9		50
2,3,4,6-Tetrachlorophenol	ND	1400	990	71		1100	79		40-140	11		50

Matrix Spike Analysis**Batch Quality Control****Project Name:** REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
------------------	----------------------	-----------------	-----------------	---------------------	-------------	------------------	----------------------	-------------	------------------------	------------	-------------	-------------------

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-13 QC Batch ID: WG1174737-4 WG1174737-5 QC Sample: L1844369-09 Client ID: SHEETER PIT #2-NW

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
2,4,6-Tribromophenol	88		100		10-136
2-Fluorobiphenyl	78		82		30-120
2-Fluorophenol	69		63		25-120
4-Terphenyl-d14	70		81		18-120
Nitrobenzene-d5	85		82		23-120
Phenol-d6	79		77		10-120

PCBS

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-01
 Client ID: EQUIPMENT RINSATE (103018)
 Sample Location: MOD-PAC

Date Collected: 10/30/18 13:00
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 11/05/18 13:59
 Analyst: HT

Extraction Method: EPA 3510C
 Extraction Date: 11/03/18 13:53
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/04/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 11/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.013	1	A
Aroclor 1221	ND		ug/l	0.083	0.018	1	A
Aroclor 1232	ND		ug/l	0.083	0.038	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.038	1	A
Aroclor 1254	ND		ug/l	0.083	0.014	1	A
Aroclor 1260	ND		ug/l	0.083	0.029	1	A
Aroclor 1262	ND		ug/l	0.083	0.028	1	A
Aroclor 1268	ND		ug/l	0.083	0.026	1	A
PCBs, Total	ND		ug/l	0.083	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	47		30-150	B
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	48		30-150	A

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-03
 Client ID: SHEETER PIT #1-EW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 14:10
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 11/06/18 02:03
 Analyst: HT
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 03:10
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/01/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 11/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.2	3.04	1	A
Aroclor 1221	ND		ug/kg	34.2	3.42	1	A
Aroclor 1232	ND		ug/kg	34.2	7.24	1	A
Aroclor 1242	ND		ug/kg	34.2	4.61	1	A
Aroclor 1248	ND		ug/kg	34.2	5.13	1	A
Aroclor 1254	ND		ug/kg	34.2	3.74	1	A
Aroclor 1260	ND		ug/kg	34.2	6.32	1	A
Aroclor 1262	ND		ug/kg	34.2	4.34	1	A
Aroclor 1268	ND		ug/kg	34.2	3.54	1	A
PCBs, Total	ND		ug/kg	34.2	3.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-04
 Client ID: SHEETER PIT #1-EW DUPLICATE
 Sample Location: MOD-PAC

Date Collected: 10/30/18 14:10
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 11/05/18 10:21
 Analyst: HT
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 03:10
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/01/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 11/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.3	3.05	1	A
Aroclor 1221	ND		ug/kg	34.3	3.44	1	A
Aroclor 1232	ND		ug/kg	34.3	7.27	1	A
Aroclor 1242	ND		ug/kg	34.3	4.62	1	A
Aroclor 1248	ND		ug/kg	34.3	5.15	1	A
Aroclor 1254	ND		ug/kg	34.3	3.75	1	A
Aroclor 1260	ND		ug/kg	34.3	6.34	1	A
Aroclor 1262	ND		ug/kg	34.3	4.36	1	A
Aroclor 1268	ND		ug/kg	34.3	3.56	1	A
PCBs, Total	ND		ug/kg	34.3	3.05	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-05
 Client ID: SHEETER PIT #1-NW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 14:40
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 11/05/18 10:34
 Analyst: HT
 Percent Solids: 98%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 03:10
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/01/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 11/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.1	2.94	1	A
Aroclor 1221	ND		ug/kg	33.1	3.31	1	A
Aroclor 1232	ND		ug/kg	33.1	7.01	1	A
Aroclor 1242	ND		ug/kg	33.1	4.46	1	A
Aroclor 1248	ND		ug/kg	33.1	4.96	1	A
Aroclor 1254	ND		ug/kg	33.1	3.62	1	A
Aroclor 1260	ND		ug/kg	33.1	6.11	1	A
Aroclor 1262	ND		ug/kg	33.1	4.20	1	A
Aroclor 1268	ND		ug/kg	33.1	3.42	1	A
PCBs, Total	ND		ug/kg	33.1	2.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-06
 Client ID: SHEETER PIT #1-BOTTOM
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:00
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 11/05/18 10:47
 Analyst: HT
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 03:10
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/01/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 11/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.4	2.97	1	A
Aroclor 1221	ND		ug/kg	33.4	3.35	1	A
Aroclor 1232	ND		ug/kg	33.4	7.09	1	A
Aroclor 1242	ND		ug/kg	33.4	4.51	1	A
Aroclor 1248	ND		ug/kg	33.4	5.01	1	A
Aroclor 1254	ND		ug/kg	33.4	3.66	1	A
Aroclor 1260	ND		ug/kg	33.4	6.18	1	A
Aroclor 1262	ND		ug/kg	33.4	4.24	1	A
Aroclor 1268	ND		ug/kg	33.4	3.46	1	A
PCBs, Total	ND		ug/kg	33.4	2.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-07
 Client ID: SHEETER PIT #1-WW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:20
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 11/05/18 11:00
 Analyst: HT
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 03:10
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/01/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 11/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.1	3.12	1	A
Aroclor 1221	ND		ug/kg	35.1	3.52	1	A
Aroclor 1232	ND		ug/kg	35.1	7.45	1	A
Aroclor 1242	ND		ug/kg	35.1	4.74	1	A
Aroclor 1248	ND		ug/kg	35.1	5.27	1	A
Aroclor 1254	ND		ug/kg	35.1	3.84	1	A
Aroclor 1260	ND		ug/kg	35.1	6.49	1	A
Aroclor 1262	ND		ug/kg	35.1	4.46	1	A
Aroclor 1268	ND		ug/kg	35.1	3.64	1	A
PCBs, Total	ND		ug/kg	35.1	3.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-08
 Client ID: SHEETER PIT #1-SW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:35
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 11/05/18 11:13
 Analyst: HT
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 03:10
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/01/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 11/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.6	3.07	1	A
Aroclor 1221	ND		ug/kg	34.6	3.47	1	A
Aroclor 1232	ND		ug/kg	34.6	7.34	1	A
Aroclor 1242	ND		ug/kg	34.6	4.67	1	A
Aroclor 1248	ND		ug/kg	34.6	5.19	1	A
Aroclor 1254	ND		ug/kg	34.6	3.79	1	A
Aroclor 1260	ND		ug/kg	34.6	6.40	1	A
Aroclor 1262	ND		ug/kg	34.6	4.40	1	A
Aroclor 1268	ND		ug/kg	34.6	3.59	1	A
PCBs, Total	ND		ug/kg	34.6	3.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-09
 Client ID: SHEETER PIT #2-NW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:55
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 11/05/18 13:48
 Analyst: HT
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 13:02
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/01/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 11/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.3	3.05	1	A
Aroclor 1221	ND		ug/kg	34.3	3.44	1	A
Aroclor 1232	ND		ug/kg	34.3	7.28	1	A
Aroclor 1242	ND		ug/kg	34.3	4.63	1	A
Aroclor 1248	ND		ug/kg	34.3	5.15	1	A
Aroclor 1254	ND		ug/kg	34.3	3.75	1	A
Aroclor 1260	ND		ug/kg	34.3	6.34	1	A
Aroclor 1262	ND		ug/kg	34.3	4.36	1	A
Aroclor 1268	ND		ug/kg	34.3	3.56	1	A
PCBs, Total	ND		ug/kg	34.3	3.05	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-10
 Client ID: SHEETER PIT #2-EW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:10
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 11/06/18 01:50
 Analyst: HT
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 03:10
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/01/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 11/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	3.25	1	A
Aroclor 1221	ND		ug/kg	36.6	3.67	1	A
Aroclor 1232	ND		ug/kg	36.6	7.77	1	A
Aroclor 1242	ND		ug/kg	36.6	4.94	1	A
Aroclor 1248	ND		ug/kg	36.6	5.50	1	A
Aroclor 1254	6.42	J	ug/kg	36.6	4.01	1	B
Aroclor 1260	ND		ug/kg	36.6	6.77	1	A
Aroclor 1262	ND		ug/kg	36.6	4.65	1	A
Aroclor 1268	ND		ug/kg	36.6	3.80	1	A
PCBs, Total	6.42	J	ug/kg	36.6	3.25	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-11
 Client ID: SHEETER PIT #2-BOTTOM
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:25
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 11/05/18 11:39
 Analyst: HT
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 03:10
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/01/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 11/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.6	3.07	1	A
Aroclor 1221	ND		ug/kg	34.6	3.47	1	A
Aroclor 1232	ND		ug/kg	34.6	7.34	1	A
Aroclor 1242	ND		ug/kg	34.6	4.67	1	A
Aroclor 1248	ND		ug/kg	34.6	5.19	1	A
Aroclor 1254	ND		ug/kg	34.6	3.79	1	A
Aroclor 1260	ND		ug/kg	34.6	6.40	1	A
Aroclor 1262	ND		ug/kg	34.6	4.40	1	A
Aroclor 1268	ND		ug/kg	34.6	3.59	1	A
PCBs, Total	ND		ug/kg	34.6	3.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-12
 Client ID: SHEETER PIT #2-SW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:40
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 11/05/18 11:52
 Analyst: HT
 Percent Solids: 96%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 03:12
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/01/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 11/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.8	3.00	1	A
Aroclor 1221	ND		ug/kg	33.8	3.39	1	A
Aroclor 1232	ND		ug/kg	33.8	7.17	1	A
Aroclor 1242	ND		ug/kg	33.8	4.56	1	A
Aroclor 1248	ND		ug/kg	33.8	5.07	1	A
Aroclor 1254	ND		ug/kg	33.8	3.70	1	A
Aroclor 1260	ND		ug/kg	33.8	6.25	1	A
Aroclor 1262	ND		ug/kg	33.8	4.29	1	A
Aroclor 1268	ND		ug/kg	33.8	3.50	1	A
PCBs, Total	ND		ug/kg	33.8	3.00	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-13
 Client ID: SHEETER PIT #2-WW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:55
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 11/06/18 00:06
 Analyst: HT
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 11/01/18 03:12
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/01/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 11/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.0	3.20	1	A
Aroclor 1221	ND		ug/kg	36.0	3.61	1	A
Aroclor 1232	ND		ug/kg	36.0	7.64	1	A
Aroclor 1242	ND		ug/kg	36.0	4.86	1	A
Aroclor 1248	ND		ug/kg	36.0	5.40	1	A
Aroclor 1254	ND		ug/kg	36.0	3.94	1	A
Aroclor 1260	ND		ug/kg	36.0	6.66	1	A
Aroclor 1262	ND		ug/kg	36.0	4.57	1	A
Aroclor 1268	ND		ug/kg	36.0	3.73	1	A
PCBs, Total	ND		ug/kg	36.0	3.20	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	110		30-150	B

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 11/01/18 11:17
Analyst: AWS

Extraction Method: EPA 3546
Extraction Date: 11/01/18 00:50
Cleanup Method: EPA 3665A
Cleanup Date: 11/01/18
Cleanup Method: EPA 3660B
Cleanup Date: 11/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 09 Batch: WG1174599-1						
Aroclor 1016	ND		ug/kg	32.7	2.91	A
Aroclor 1221	ND		ug/kg	32.7	3.28	A
Aroclor 1232	ND		ug/kg	32.7	6.94	A
Aroclor 1242	ND		ug/kg	32.7	4.41	A
Aroclor 1248	ND		ug/kg	32.7	4.91	A
Aroclor 1254	ND		ug/kg	32.7	3.58	A
Aroclor 1260	ND		ug/kg	32.7	6.05	A
Aroclor 1262	ND		ug/kg	32.7	4.16	A
Aroclor 1268	ND		ug/kg	32.7	3.39	A
PCBs, Total	ND		ug/kg	32.7	2.91	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 11/05/18 22:51
Analyst: HT

Extraction Method: EPA 3546
Extraction Date: 11/01/18 03:19
Cleanup Method: EPA 3665A
Cleanup Date: 11/01/18
Cleanup Method: EPA 3660B
Cleanup Date: 11/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03-08,10-13 Batch: WG1174627-1						
Aroclor 1016	ND		ug/kg	31.4	2.79	A
Aroclor 1221	ND		ug/kg	31.4	3.15	A
Aroclor 1232	ND		ug/kg	31.4	6.66	A
Aroclor 1242	ND		ug/kg	31.4	4.24	A
Aroclor 1248	ND		ug/kg	31.4	4.71	A
Aroclor 1254	ND		ug/kg	31.4	3.44	A
Aroclor 1260	ND		ug/kg	31.4	5.81	A
Aroclor 1262	ND		ug/kg	31.4	3.99	A
Aroclor 1268	ND		ug/kg	31.4	3.26	A
PCBs, Total	ND		ug/kg	31.4	2.79	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 11/05/18 14:12
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 11/03/18 13:53
Cleanup Method: EPA 3665A
Cleanup Date: 11/04/18
Cleanup Method: EPA 3660B
Cleanup Date: 11/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1175699-1						
Aroclor 1016	ND		ug/l	0.083	0.013	A
Aroclor 1221	ND		ug/l	0.083	0.018	A
Aroclor 1232	ND		ug/l	0.083	0.038	A
Aroclor 1242	ND		ug/l	0.083	0.030	A
Aroclor 1248	ND		ug/l	0.083	0.038	A
Aroclor 1254	ND		ug/l	0.083	0.014	A
Aroclor 1260	ND		ug/l	0.083	0.029	A
Aroclor 1262	ND		ug/l	0.083	0.028	A
Aroclor 1268	ND		ug/l	0.083	0.026	A
PCBs, Total	ND		ug/l	0.083	0.013	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	58		30-150	B
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	56		30-150	A

Lab Control Sample Analysis Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 09 Batch: WG1174599-2 WG1174599-3									
Aroclor 1016	87		68		40-140	25		50	A
Aroclor 1260	76		60		40-140	24		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		59		30-150	A
Decachlorobiphenyl	77		60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		64		30-150	B
Decachlorobiphenyl	79		61		30-150	B



Lab Control Sample Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Project Number: E1605

Lab Number: L1844369

Report Date: 11/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03-08,10-13 Batch: WG1174627-2 WG1174627-3									
Aroclor 1016	63		74		40-140	16		50	A
Aroclor 1260	61		70		40-140	14		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		95		30-150	A
Decachlorobiphenyl	61		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		86		30-150	B
Decachlorobiphenyl	90		90		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1175699-2 WG1175699-3									
Aroclor 1016	71		69		40-140	2		50	A
Aroclor 1260	59		58		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		62		30-150	B
Decachlorobiphenyl	60		50		30-150	B
2,4,5,6-Tetrachloro-m-xylene	69		65		30-150	A
Decachlorobiphenyl	60		50		30-150	A



Matrix Spike Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1174599-4 WG1174599-5 QC Sample: L1844369-09 Client ID: SHEETER PIT #2-NW													
Aroclor 1016	ND	213	132	62		132	61		40-140	0		50	A
Aroclor 1260	ND	213	122	57		122	56		40-140	0		50	A

Surrogate	MS		MSD		Acceptance Criteria	Column
	% Recovery	Qualifier	% Recovery	Qualifier		
2,4,5,6-Tetrachloro-m-xylene	85		85		30-150	A
Decachlorobiphenyl	66		64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		80		30-150	B
Decachlorobiphenyl	83		78		30-150	B

METALS

Project Name: REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18**SAMPLE RESULTS**

Lab ID: L1844369-01

Date Collected: 10/30/18 13:00

Client ID: EQUIPMENT RINSATE (103018)

Date Received: 10/30/18

Sample Location: MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.032	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC
Antimony, Total	ND		mg/l	0.050	0.007	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC
Arsenic, Total	ND		mg/l	0.005	0.002	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC
Barium, Total	ND		mg/l	0.010	0.002	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC
Beryllium, Total	ND		mg/l	0.005	0.001	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC
Cadmium, Total	ND		mg/l	0.005	0.001	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC
Calcium, Total	0.082	J	mg/l	0.100	0.035	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC
Chromium, Total	ND		mg/l	0.010	0.002	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC
Cobalt, Total	ND		mg/l	0.020	0.002	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC
Copper, Total	0.004	J	mg/l	0.010	0.002	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC
Iron, Total	ND		mg/l	0.050	0.009	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC
Lead, Total	ND		mg/l	0.010	0.003	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC
Magnesium, Total	ND		mg/l	0.100	0.015	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC
Manganese, Total	ND		mg/l	0.010	0.002	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC
Mercury, Total	0.00010	J	mg/l	0.00020	0.00006	1	11/01/18 12:11	11/01/18 16:07	EPA 7470A	1,7470A	MG
Nickel, Total	ND		mg/l	0.025	0.002	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC
Potassium, Total	ND		mg/l	2.50	0.237	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC
Selenium, Total	ND		mg/l	0.010	0.004	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC
Silver, Total	ND		mg/l	0.007	0.003	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC
Sodium, Total	0.127	J	mg/l	2.00	0.120	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC
Thallium, Total	ND		mg/l	0.020	0.003	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC
Vanadium, Total	ND		mg/l	0.010	0.002	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC
Zinc, Total	ND		mg/l	0.050	0.002	1	11/06/18 07:35	11/06/18 12:09	EPA 3005A	1,6010D	LC



Project Name: REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18**SAMPLE RESULTS**

Lab ID: L1844369-03
 Client ID: SHEETER PIT #1-EW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 14:10
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2460		mg/kg	8.33	2.25	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.16	0.316	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB
Arsenic, Total	2.58		mg/kg	0.833	0.173	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB
Barium, Total	16.6		mg/kg	0.833	0.145	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB
Beryllium, Total	0.092	J	mg/kg	0.416	0.028	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.833	0.082	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB
Calcium, Total	33100		mg/kg	8.33	2.91	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB
Chromium, Total	5.71		mg/kg	0.833	0.080	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB
Cobalt, Total	2.13		mg/kg	1.66	0.138	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB
Copper, Total	5.04		mg/kg	0.833	0.215	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB
Iron, Total	9760		mg/kg	4.16	0.752	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB
Lead, Total	254		mg/kg	4.16	0.223	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB
Magnesium, Total	4090		mg/kg	8.33	1.28	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB
Manganese, Total	382		mg/kg	0.833	0.132	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.067	0.014	1	11/01/18 05:25	11/01/18 20:25	EPA 7471B	1,7471B	EA
Nickel, Total	3.02		mg/kg	2.08	0.201	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB
Potassium, Total	434		mg/kg	208	12.0	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	1.66	0.215	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.833	0.236	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB
Sodium, Total	167		mg/kg	166	2.62	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.66	0.262	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB
Vanadium, Total	11.2		mg/kg	0.833	0.169	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB
Zinc, Total	12.6		mg/kg	4.16	0.244	2	11/01/18 20:11	11/06/18 13:48	EPA 3050B	1,6010D	AB



Project Name: REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18**SAMPLE RESULTS**

Lab ID: L1844369-04

Date Collected: 10/30/18 14:10

Client ID: SHEETER PIT #1-EW DUPLICATE

Date Received: 10/30/18

Sample Location: MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3300		mg/kg	8.29	2.24	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.14	0.315	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB
Arsenic, Total	2.16		mg/kg	0.829	0.172	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB
Barium, Total	21.4		mg/kg	0.829	0.144	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB
Beryllium, Total	0.124	J	mg/kg	0.414	0.027	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.829	0.081	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB
Calcium, Total	37600		mg/kg	8.29	2.90	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB
Chromium, Total	8.51		mg/kg	0.829	0.080	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB
Cobalt, Total	2.00		mg/kg	1.66	0.138	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB
Copper, Total	6.05		mg/kg	0.829	0.214	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB
Iron, Total	5780		mg/kg	4.14	0.748	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB
Lead, Total	229		mg/kg	4.14	0.222	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB
Magnesium, Total	4330		mg/kg	8.29	1.28	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB
Manganese, Total	333		mg/kg	0.829	0.132	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.066	0.014	1	11/01/18 05:25	11/01/18 20:27	EPA 7471B	1,7471B	EA
Nickel, Total	5.84		mg/kg	2.07	0.200	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB
Potassium, Total	540		mg/kg	207	11.9	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	1.66	0.214	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.829	0.234	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB
Sodium, Total	214		mg/kg	166	2.61	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.66	0.261	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB
Vanadium, Total	10.8		mg/kg	0.829	0.168	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB
Zinc, Total	14.2		mg/kg	4.14	0.243	2	11/01/18 20:11	11/06/18 14:09	EPA 3050B	1,6010D	AB



Project Name: REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18**SAMPLE RESULTS**

Lab ID: L1844369-05

Date Collected: 10/30/18 14:40

Client ID: SHEETER PIT #1-NW

Date Received: 10/30/18

Sample Location: MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 98%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2270		mg/kg	7.94	2.14	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	3.97	0.302	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB
Arsenic, Total	2.73		mg/kg	0.794	0.165	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB
Barium, Total	12.3		mg/kg	0.794	0.138	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB
Beryllium, Total	0.072	J	mg/kg	0.397	0.026	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.794	0.078	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB
Calcium, Total	36100		mg/kg	7.94	2.78	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB
Chromium, Total	4.54		mg/kg	0.794	0.076	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB
Cobalt, Total	1.84		mg/kg	1.59	0.132	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB
Copper, Total	2.75		mg/kg	0.794	0.205	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB
Iron, Total	6000		mg/kg	3.97	0.717	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB
Lead, Total	10.6		mg/kg	3.97	0.213	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB
Magnesium, Total	4230		mg/kg	7.94	1.22	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB
Manganese, Total	148		mg/kg	0.794	0.126	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.064	0.014	1	11/01/18 05:25	11/01/18 20:29	EPA 7471B	1,7471B	EA
Nickel, Total	2.80		mg/kg	1.98	0.192	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB
Potassium, Total	398		mg/kg	198	11.4	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	1.59	0.205	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.794	0.225	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB
Sodium, Total	154	J	mg/kg	159	2.50	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.59	0.250	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB
Vanadium, Total	8.72		mg/kg	0.794	0.161	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB
Zinc, Total	16.5		mg/kg	3.97	0.233	2	11/01/18 20:11	11/06/18 14:13	EPA 3050B	1,6010D	AB



Project Name: REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18**SAMPLE RESULTS**

Lab ID: L1844369-06
 Client ID: SHEETER PIT #1-BOTTOM
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:00
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9140		mg/kg	8.24	2.22	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB
Antimony, Total	2.71	J	mg/kg	4.12	0.313	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB
Arsenic, Total	5.48		mg/kg	0.824	0.171	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB
Barium, Total	84.1		mg/kg	0.824	0.143	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB
Beryllium, Total	0.297	J	mg/kg	0.412	0.027	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB
Cadmium, Total	0.148	J	mg/kg	0.824	0.081	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB
Calcium, Total	50100		mg/kg	8.24	2.88	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB
Chromium, Total	20.5		mg/kg	0.824	0.079	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB
Cobalt, Total	4.24		mg/kg	1.65	0.137	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB
Copper, Total	11.5		mg/kg	0.824	0.213	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB
Iron, Total	27600		mg/kg	4.12	0.744	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB
Lead, Total	34.7		mg/kg	4.12	0.221	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB
Magnesium, Total	1640		mg/kg	8.24	1.27	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB
Manganese, Total	2870		mg/kg	0.824	0.131	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.067	0.014	1	11/01/18 05:25	11/01/18 20:31	EPA 7471B	1,7471B	EA
Nickel, Total	4.98		mg/kg	2.06	0.199	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB
Potassium, Total	1280		mg/kg	206	11.9	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB
Selenium, Total	1.01	J	mg/kg	1.65	0.213	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB
Silver, Total	0.849		mg/kg	0.824	0.233	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB
Sodium, Total	610		mg/kg	165	2.60	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.65	0.260	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB
Vanadium, Total	49.5		mg/kg	0.824	0.167	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB
Zinc, Total	27.8		mg/kg	4.12	0.242	2	11/01/18 20:11	11/06/18 14:17	EPA 3050B	1,6010D	AB



Project Name: REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18**SAMPLE RESULTS**

Lab ID: L1844369-07
 Client ID: SHEETER PIT #1-WW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:20
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9320		mg/kg	8.75	2.36	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.37	0.332	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB
Arsenic, Total	8.99		mg/kg	0.875	0.182	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB
Barium, Total	67.5		mg/kg	0.875	0.152	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB
Beryllium, Total	0.674		mg/kg	0.437	0.029	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.875	0.086	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB
Calcium, Total	24400		mg/kg	8.75	3.06	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB
Chromium, Total	11.7		mg/kg	0.875	0.084	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB
Cobalt, Total	5.72		mg/kg	1.75	0.145	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB
Copper, Total	49.8		mg/kg	0.875	0.226	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB
Iron, Total	18400		mg/kg	4.37	0.790	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB
Lead, Total	36.1		mg/kg	4.37	0.234	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB
Magnesium, Total	1600		mg/kg	8.75	1.35	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB
Manganese, Total	853		mg/kg	0.875	0.139	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.069	0.015	1	11/01/18 05:25	11/01/18 20:32	EPA 7471B	1,7471B	EA
Nickel, Total	8.11		mg/kg	2.19	0.212	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB
Potassium, Total	1030		mg/kg	219	12.6	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB
Selenium, Total	0.507	J	mg/kg	1.75	0.226	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB
Silver, Total	0.280	J	mg/kg	0.875	0.248	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB
Sodium, Total	333		mg/kg	175	2.76	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.75	0.276	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB
Vanadium, Total	25.8		mg/kg	0.875	0.178	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB
Zinc, Total	44.7		mg/kg	4.37	0.256	2	11/01/18 20:11	11/06/18 14:21	EPA 3050B	1,6010D	AB



Project Name: REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18**SAMPLE RESULTS**

Lab ID: L1844369-08
 Client ID: SHEETER PIT #1-SW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:35
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5060		mg/kg	8.18	2.21	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.09	0.311	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB
Arsenic, Total	5.00		mg/kg	0.818	0.170	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB
Barium, Total	33.3		mg/kg	0.818	0.142	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB
Beryllium, Total	0.245	J	mg/kg	0.409	0.027	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB
Cadmium, Total	0.131	J	mg/kg	0.818	0.080	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB
Calcium, Total	27200		mg/kg	8.18	2.86	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB
Chromium, Total	7.03		mg/kg	0.818	0.079	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB
Cobalt, Total	3.93		mg/kg	1.64	0.136	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB
Copper, Total	8.94		mg/kg	0.818	0.211	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB
Iron, Total	17100		mg/kg	4.09	0.739	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB
Lead, Total	30.1		mg/kg	4.09	0.219	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB
Magnesium, Total	4360		mg/kg	8.18	1.26	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB
Manganese, Total	282		mg/kg	0.818	0.130	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB
Mercury, Total	0.053	J	mg/kg	0.067	0.014	1	11/01/18 05:25	11/01/18 20:34	EPA 7471B	1,7471B	EA
Nickel, Total	6.32		mg/kg	2.04	0.198	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB
Potassium, Total	796		mg/kg	204	11.8	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	1.64	0.211	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.818	0.231	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB
Sodium, Total	160	J	mg/kg	164	2.58	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.64	0.258	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB
Vanadium, Total	15.4		mg/kg	0.818	0.166	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB
Zinc, Total	72.2		mg/kg	4.09	0.240	2	11/01/18 20:11	11/06/18 14:25	EPA 3050B	1,6010D	AB



Project Name: REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18**SAMPLE RESULTS**

Lab ID: L1844369-09
 Client ID: SHEETER PIT #2-NW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:55
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6040		mg/kg	8.14	2.20	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB
Antimony, Total	1.83	J	mg/kg	4.07	0.309	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB
Arsenic, Total	8.42		mg/kg	0.814	0.169	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB
Barium, Total	43.8		mg/kg	0.814	0.142	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB
Beryllium, Total	0.293	J	mg/kg	0.407	0.027	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB
Cadmium, Total	0.163	J	mg/kg	0.814	0.080	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB
Calcium, Total	37100		mg/kg	8.14	2.85	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB
Chromium, Total	12.9		mg/kg	0.814	0.078	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB
Cobalt, Total	4.69		mg/kg	1.63	0.135	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB
Copper, Total	17.1		mg/kg	0.814	0.210	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB
Iron, Total	30800		mg/kg	4.07	0.735	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB
Lead, Total	89.7		mg/kg	4.07	0.218	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB
Magnesium, Total	2860		mg/kg	8.14	1.25	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB
Manganese, Total	1000		mg/kg	0.814	0.129	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.066	0.014	1	11/01/18 05:25	11/01/18 20:08	EPA 7471B	1,7471B	EA
Nickel, Total	7.09		mg/kg	2.03	0.197	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB
Potassium, Total	827		mg/kg	203	11.7	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	1.63	0.210	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB
Silver, Total	0.366	J	mg/kg	0.814	0.230	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB
Sodium, Total	622		mg/kg	163	2.56	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.63	0.256	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB
Vanadium, Total	26.4		mg/kg	0.814	0.165	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB
Zinc, Total	25.7		mg/kg	4.07	0.238	2	11/01/18 20:11	11/06/18 13:28	EPA 3050B	1,6010D	AB



Project Name: REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18**SAMPLE RESULTS**

Lab ID: L1844369-10
 Client ID: SHEETER PIT #2-EW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:10
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4120		mg/kg	9.07	2.45	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.54	0.345	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB
Arsenic, Total	12.7		mg/kg	0.907	0.189	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB
Barium, Total	35.3		mg/kg	0.907	0.158	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB
Beryllium, Total	0.481		mg/kg	0.454	0.030	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB
Cadmium, Total	0.299	J	mg/kg	0.907	0.089	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB
Calcium, Total	12200		mg/kg	9.07	3.18	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB
Chromium, Total	10.1		mg/kg	0.907	0.087	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB
Cobalt, Total	5.51		mg/kg	1.81	0.151	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB
Copper, Total	16.9		mg/kg	0.907	0.234	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB
Iron, Total	27500		mg/kg	4.54	0.819	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB
Lead, Total	81.6		mg/kg	4.54	0.243	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB
Magnesium, Total	1380		mg/kg	9.07	1.40	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB
Manganese, Total	259		mg/kg	0.907	0.144	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB
Mercury, Total	1.04		mg/kg	0.072	0.015	1	11/01/18 05:25	11/01/18 20:40	EPA 7471B	1,7471B	EA
Nickel, Total	11.0		mg/kg	2.27	0.220	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB
Potassium, Total	537		mg/kg	227	13.1	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB
Selenium, Total	1.19	J	mg/kg	1.81	0.234	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.907	0.257	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB
Sodium, Total	277		mg/kg	181	2.86	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.81	0.286	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB
Vanadium, Total	20.6		mg/kg	0.907	0.184	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB
Zinc, Total	145		mg/kg	4.54	0.266	2	11/01/18 20:11	11/06/18 14:29	EPA 3050B	1,6010D	AB



Project Name: REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18**SAMPLE RESULTS**

Lab ID: L1844369-11
 Client ID: SHEETER PIT #2-BOTTOM
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:25
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3940		mg/kg	8.36	2.26	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.18	0.318	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB
Arsenic, Total	3.84		mg/kg	0.836	0.174	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB
Barium, Total	21.0		mg/kg	0.836	0.145	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB
Beryllium, Total	0.175	J	mg/kg	0.418	0.028	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.836	0.082	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB
Calcium, Total	24400		mg/kg	8.36	2.92	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB
Chromium, Total	6.19		mg/kg	0.836	0.080	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB
Cobalt, Total	2.94		mg/kg	1.67	0.139	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB
Copper, Total	5.99		mg/kg	0.836	0.216	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB
Iron, Total	10200		mg/kg	4.18	0.754	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB
Lead, Total	41.2		mg/kg	4.18	0.224	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB
Magnesium, Total	2810		mg/kg	8.36	1.29	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB
Manganese, Total	185		mg/kg	0.836	0.133	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.068	0.014	1	11/01/18 05:25	11/01/18 20:42	EPA 7471B	1,7471B	EA
Nickel, Total	4.98		mg/kg	2.09	0.202	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB
Potassium, Total	617		mg/kg	209	12.0	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	1.67	0.216	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.836	0.236	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB
Sodium, Total	376		mg/kg	167	2.63	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.67	0.263	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB
Vanadium, Total	13.4		mg/kg	0.836	0.170	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB
Zinc, Total	20.3		mg/kg	4.18	0.245	2	11/01/18 20:11	11/06/18 14:34	EPA 3050B	1,6010D	AB



Project Name: REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18**SAMPLE RESULTS**

Lab ID: L1844369-12
 Client ID: SHEETER PIT #2-SW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:40
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2950		mg/kg	8.19	2.21	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.10	0.311	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB
Arsenic, Total	2.50		mg/kg	0.819	0.170	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB
Barium, Total	12.4		mg/kg	0.819	0.142	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB
Beryllium, Total	0.098	J	mg/kg	0.410	0.027	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.819	0.080	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB
Calcium, Total	31200		mg/kg	8.19	2.87	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB
Chromium, Total	4.58		mg/kg	0.819	0.079	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB
Cobalt, Total	2.16		mg/kg	1.64	0.136	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB
Copper, Total	2.55		mg/kg	0.819	0.211	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB
Iron, Total	7320		mg/kg	4.10	0.740	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB
Lead, Total	11.6		mg/kg	4.10	0.220	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB
Magnesium, Total	3910		mg/kg	8.19	1.26	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB
Manganese, Total	182		mg/kg	0.819	0.130	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.065	0.014	1	11/01/18 05:25	11/01/18 20:44	EPA 7471B	1,7471B	EA
Nickel, Total	3.01		mg/kg	2.05	0.198	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB
Potassium, Total	583		mg/kg	205	11.8	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	1.64	0.211	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.819	0.232	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB
Sodium, Total	391		mg/kg	164	2.58	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.64	0.258	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB
Vanadium, Total	12.6		mg/kg	0.819	0.166	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB
Zinc, Total	14.6		mg/kg	4.10	0.240	2	11/01/18 20:11	11/06/18 14:38	EPA 3050B	1,6010D	AB



Project Name: REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18**SAMPLE RESULTS**

Lab ID: L1844369-13
 Client ID: SHEETER PIT #2-WW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:55
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3750		mg/kg	8.36	2.26	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB
Antimony, Total	3.22	J	mg/kg	4.18	0.318	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB
Arsenic, Total	4.48		mg/kg	0.836	0.174	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB
Barium, Total	19.1		mg/kg	0.836	0.145	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB
Beryllium, Total	0.184	J	mg/kg	0.418	0.028	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.836	0.082	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB
Calcium, Total	23600		mg/kg	8.36	2.92	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB
Chromium, Total	6.78		mg/kg	0.836	0.080	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB
Cobalt, Total	3.07		mg/kg	1.67	0.139	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB
Copper, Total	60.2		mg/kg	0.836	0.216	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB
Iron, Total	9240		mg/kg	4.18	0.754	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB
Lead, Total	238		mg/kg	4.18	0.224	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB
Magnesium, Total	3180		mg/kg	8.36	1.29	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB
Manganese, Total	173		mg/kg	0.836	0.133	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.069	0.015	1	11/01/18 05:25	11/01/18 20:45	EPA 7471B	1,7471B	EA
Nickel, Total	4.87		mg/kg	2.09	0.202	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB
Potassium, Total	624		mg/kg	209	12.0	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	1.67	0.216	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.836	0.236	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB
Sodium, Total	231		mg/kg	167	2.63	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.67	0.263	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB
Vanadium, Total	13.0		mg/kg	0.836	0.170	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB
Zinc, Total	19.8		mg/kg	4.18	0.245	2	11/01/18 20:11	11/06/18 14:42	EPA 3050B	1,6010D	AB



Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03-13 Batch: WG1174632-1									
Mercury, Total	ND	mg/kg	0.083	0.018	1	11/01/18 05:25	11/01/18 20:04	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1174836-1									
Mercury, Total	0.00010	J	mg/l	0.00020	0.00006	1	11/01/18 12:11	11/01/18 15:48	1,7470A MG

Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03-13 Batch: WG1175006-1									
Aluminum, Total	ND	mg/kg	4.00	1.08	1	11/01/18 20:11	11/06/18 13:19	1,6010D	AB
Antimony, Total	ND	mg/kg	2.00	0.152	1	11/01/18 20:11	11/06/18 13:19	1,6010D	AB
Arsenic, Total	ND	mg/kg	0.400	0.083	1	11/01/18 20:11	11/06/18 13:19	1,6010D	AB
Barium, Total	ND	mg/kg	0.400	0.070	1	11/01/18 20:11	11/06/18 13:19	1,6010D	AB
Beryllium, Total	ND	mg/kg	0.200	0.013	1	11/01/18 20:11	11/06/18 13:19	1,6010D	AB
Cadmium, Total	ND	mg/kg	0.400	0.039	1	11/01/18 20:11	11/06/18 13:19	1,6010D	AB
Calcium, Total	ND	mg/kg	4.00	1.40	1	11/01/18 20:11	11/06/18 13:19	1,6010D	AB
Chromium, Total	0.120	J	mg/kg	0.400	0.038	1	11/01/18 20:11	11/06/18 13:19	1,6010D AB
Cobalt, Total	ND	mg/kg	0.800	0.066	1	11/01/18 20:11	11/06/18 13:19	1,6010D	AB
Copper, Total	ND	mg/kg	0.400	0.103	1	11/01/18 20:11	11/06/18 13:19	1,6010D	AB
Iron, Total	0.548	J	mg/kg	2.00	0.361	1	11/01/18 20:11	11/06/18 13:19	1,6010D AB
Lead, Total	ND	mg/kg	2.00	0.107	1	11/01/18 20:11	11/06/18 13:19	1,6010D	AB
Magnesium, Total	ND	mg/kg	4.00	0.616	1	11/01/18 20:11	11/06/18 13:19	1,6010D	AB
Manganese, Total	ND	mg/kg	0.400	0.064	1	11/01/18 20:11	11/06/18 13:19	1,6010D	AB
Nickel, Total	0.120	J	mg/kg	1.00	0.097	1	11/01/18 20:11	11/06/18 13:19	1,6010D AB
Potassium, Total	ND	mg/kg	100	5.76	1	11/01/18 20:11	11/06/18 13:19	1,6010D	AB



Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

Method Blank Analysis Batch Quality Control

Selenium, Total	ND		mg/kg	0.800	0.103	1	11/01/18 20:11	11/06/18 13:19	1,6010D	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	11/01/18 20:11	11/06/18 13:19	1,6010D	AB
Sodium, Total	1.72	J	mg/kg	80.0	1.26	1	11/01/18 20:11	11/06/18 13:19	1,6010D	AB
Thallium, Total	ND		mg/kg	0.800	0.126	1	11/01/18 20:11	11/06/18 13:19	1,6010D	AB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	11/01/18 20:11	11/06/18 13:19	1,6010D	AB
Zinc, Total	ND		mg/kg	2.00	0.117	1	11/01/18 20:11	11/06/18 13:19	1,6010D	AB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1176332-1										
Aluminum, Total	ND		mg/l	0.100	0.032	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC
Antimony, Total	ND		mg/l	0.050	0.007	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC
Arsenic, Total	ND		mg/l	0.005	0.002	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC
Barium, Total	ND		mg/l	0.010	0.002	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC
Beryllium, Total	ND		mg/l	0.005	0.001	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC
Cadmium, Total	ND		mg/l	0.005	0.001	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC
Calcium, Total	ND		mg/l	0.100	0.035	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC
Chromium, Total	ND		mg/l	0.010	0.002	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC
Cobalt, Total	ND		mg/l	0.020	0.002	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC
Copper, Total	ND		mg/l	0.010	0.002	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC
Iron, Total	ND		mg/l	0.050	0.009	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC
Lead, Total	ND		mg/l	0.010	0.003	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC
Magnesium, Total	ND		mg/l	0.100	0.015	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC
Manganese, Total	ND		mg/l	0.010	0.002	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC
Nickel, Total	ND		mg/l	0.025	0.002	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC
Potassium, Total	ND		mg/l	2.50	0.237	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC
Selenium, Total	ND		mg/l	0.010	0.004	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC
Silver, Total	ND		mg/l	0.007	0.003	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC
Sodium, Total	ND		mg/l	2.00	0.120	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC
Thallium, Total	ND		mg/l	0.020	0.003	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC
Vanadium, Total	ND		mg/l	0.010	0.002	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC
Zinc, Total	ND		mg/l	0.050	0.002	1	11/06/18 07:35	11/06/18 11:41	1,6010D	LC



Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Project Number: E1605

Lab Number: L1844369

Report Date: 11/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-13 Batch: WG1174632-2 SRM Lot Number: D102-540								
Mercury, Total	109		-		65-134	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1174836-2								
Mercury, Total	116		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Project Number: E1605

Lab Number: L1844369

Report Date: 11/06/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-13 Batch: WG1175006-2 SRM Lot Number: D102-540					
Aluminum, Total	68	-	49-150	-	
Antimony, Total	143	-	1-199	-	
Arsenic, Total	105	-	83-117	-	
Barium, Total	100	-	83-118	-	
Beryllium, Total	100	-	83-116	-	
Cadmium, Total	102	-	83-118	-	
Calcium, Total	100	-	82-118	-	
Chromium, Total	102	-	83-117	-	
Cobalt, Total	103	-	84-116	-	
Copper, Total	102	-	84-116	-	
Iron, Total	98	-	61-139	-	
Lead, Total	101	-	82-118	-	
Magnesium, Total	85	-	76-124	-	
Manganese, Total	95	-	82-118	-	
Nickel, Total	101	-	83-117	-	
Potassium, Total	84	-	70-130	-	
Selenium, Total	101	-	79-121	-	
Silver, Total	110	-	80-120	-	
Sodium, Total	94	-	74-126	-	
Thallium, Total	104	-	81-119	-	
Vanadium, Total	101	-	80-120	-	

Lab Control Sample Analysis**Batch Quality Control****Project Name:** REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-13 Batch: WG1175006-2 SRM Lot Number: D102-540					
Zinc, Total	100	-	81-118	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1176332-2					
Aluminum, Total	102	-	80-120	-	
Antimony, Total	97	-	80-120	-	
Arsenic, Total	108	-	80-120	-	
Barium, Total	101	-	80-120	-	
Beryllium, Total	97	-	80-120	-	
Cadmium, Total	107	-	80-120	-	
Calcium, Total	102	-	80-120	-	
Chromium, Total	100	-	80-120	-	
Cobalt, Total	99	-	80-120	-	
Copper, Total	99	-	80-120	-	
Iron, Total	106	-	80-120	-	
Lead, Total	102	-	80-120	-	
Magnesium, Total	100	-	80-120	-	
Manganese, Total	98	-	80-120	-	
Nickel, Total	100	-	80-120	-	
Potassium, Total	102	-	80-120	-	
Selenium, Total	112	-	80-120	-	
Silver, Total	114	-	80-120	-	
Sodium, Total	106	-	80-120	-	
Thallium, Total	102	-	80-120	-	
Vanadium, Total	102	-	80-120	-	

Lab Control Sample Analysis**Batch Quality Control****Project Name:** REMEDIAL INVESTIGATION OCT2018**Lab Number:** L1844369**Project Number:** E1605**Report Date:** 11/06/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1176332-2					
Zinc, Total	106	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-13 QC Batch ID: WG1174632-3 WG1174632-4 QC Sample: L1844369-09 Client ID: SHEETER PIT #2-NW												
Mercury, Total	ND	0.131	0.142	108		0.145	110		80-120	2		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1174836-3 QC Sample: L1844374-01 Client ID: MS Sample												
Mercury, Total	0.00007J	0.005	0.00490	98		-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-13 QC Batch ID: WG1175006-3 WG1175006-4 QC Sample: L1844369-09 Client ID: SHEETER PIT #2-NW									
Aluminum, Total	6040	165	5980	0	Q 6050	6	Q 75-125	1	20
Antimony, Total	1.83J	41.2	38.8	94	38.2	95	75-125	2	20
Arsenic, Total	8.42	9.9	15.6	72	Q 15.2	71	Q 75-125	3	20
Barium, Total	43.8	165	196	92	188	90	75-125	4	20
Beryllium, Total	0.293J	4.12	3.83	93	3.71	93	75-125	3	20
Cadmium, Total	0.163J	4.21	3.95	94	3.87	95	75-125	2	20
Calcium, Total	37100	825	39600	303	Q 42600	687	Q 75-125	7	20
Chromium, Total	12.9	16.5	23.8	66	Q 23.2	64	Q 75-125	3	20
Cobalt, Total	4.69	41.2	39.2	84	38.6	85	75-125	2	20
Copper, Total	17.1	20.6	30.7	66	Q 32.5	77	75-125	6	20
Iron, Total	30800	82.5	22600	0	Q 22400	0	Q 75-125	1	20
Lead, Total	89.7	42.1	82.6	0	Q 88.7	0	Q 75-125	7	20
Magnesium, Total	2860	825	3620	92	3990	141	Q 75-125	10	20
Manganese, Total	1000	41.2	948	0	Q 1030	75	75-125	8	20
Nickel, Total	7.09	41.2	39.6	79	38.7	79	75-125	2	20
Potassium, Total	827.	825	1580	91	1590	95	75-125	1	20
Selenium, Total	ND	9.9	9.32	94	8.82	92	75-125	6	20
Silver, Total	0.366J	24.7	24.8	100	24.2	101	75-125	2	20
Sodium, Total	622.	825	1340	87	1400	97	75-125	4	20
Thallium, Total	ND	9.9	6.33	64	Q 5.98	62	Q 75-125	6	20
Vanadium, Total	26.4	41.2	59.4	80	59.3	82	75-125	0	20

Matrix Spike Analysis
Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-13 QC Batch ID: WG1175006-3 WG1175006-4 QC Sample: L1844369-09 Client ID: SHEETER PIT #2-NW									
Zinc, Total	25.7	41.2	58.4	79	57.8	80	75-125	1	20

Matrix Spike Analysis Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 (103018) QC Batch ID: WG1176332-3 QC Sample: L1844369-01 Client ID: EQUIPMENT RINSATE									
Aluminum, Total	ND	2	2.08	104	-	-	75-125	-	20
Antimony, Total	ND	0.5	0.501	100	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.128	107	-	-	75-125	-	20
Barium, Total	ND	2	2.03	102	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.049	98	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.055	107	-	-	75-125	-	20
Calcium, Total	0.082J	10	10.2	102	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.199	100	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.495	99	-	-	75-125	-	20
Copper, Total	0.004J	0.25	0.246	98	-	-	75-125	-	20
Iron, Total	ND	1	1.07	107	-	-	75-125	-	20
Lead, Total	ND	0.51	0.523	102	-	-	75-125	-	20
Magnesium, Total	ND	10	10.0	100	-	-	75-125	-	20
Manganese, Total	ND	0.5	0.496	99	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.500	100	-	-	75-125	-	20
Potassium, Total	ND	10	10.4	104	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.132	110	-	-	75-125	-	20
Silver, Total	ND	0.05	0.056	112	-	-	75-125	-	20
Sodium, Total	0.127J	10	11.0	110	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.122	102	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.514	103	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Lab Number: L1844369

Project Number: E1605

Report Date: 11/06/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1176332-3 QC Sample: L1844369-01 Client ID: EQUIPMENT RINSATE (103018)									
Zinc, Total	ND	0.5	0.528	106	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Project Number: E1605

Lab Number: L1844369

Report Date: 11/06/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1174836-4 QC Sample: L1844374-01 Client ID: DUP Sample						
Mercury, Total	0.00007J	0.00007J	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Project Number: E1605

Lab Number: L1844369

Report Date: 11/06/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1176332-4 QC Sample: L1844369-01 Client ID: EQUIPMENT RINSATE (103018)					
Aluminum, Total	ND	ND	mg/l	NC	20
Antimony, Total	ND	ND	mg/l	NC	20
Arsenic, Total	ND	ND	mg/l	NC	20
Barium, Total	ND	ND	mg/l	NC	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	ND	ND	mg/l	NC	20
Calcium, Total	0.082J	ND	mg/l	NC	20
Chromium, Total	ND	ND	mg/l	NC	20
Cobalt, Total	ND	ND	mg/l	NC	20
Copper, Total	0.004J	0.005J	mg/l	NC	20
Iron, Total	ND	ND	mg/l	NC	20
Lead, Total	ND	ND	mg/l	NC	20
Magnesium, Total	ND	ND	mg/l	NC	20
Manganese, Total	ND	ND	mg/l	NC	20
Nickel, Total	ND	ND	mg/l	NC	20
Potassium, Total	ND	ND	mg/l	NC	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Sodium, Total	0.127J	ND	mg/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Project Number: E1605

Lab Number: L1844369

Report Date: 11/06/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1176332-4 QC Sample: L1844369-01 Client ID: EQUIPMENT RINSATE (103018)					
Thallium, Total	ND	ND	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	0.003J	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-03
Client ID: SHEETER PIT #1-EW
Sample Location: MOD-PAC

Date Collected: 10/30/18 14:10
Date Received: 10/30/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.2		%	0.100	NA	1	-	10/31/18 13:04	121,2540G	RI



Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-04
 Client ID: SHEETER PIT #1-EW DUPLICATE
 Sample Location: MOD-PAC

Date Collected: 10/30/18 14:10
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.8		%	0.100	NA	1	-	10/31/18 13:04	121,2540G	RI



Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-05
 Client ID: SHEETER PIT #1-NW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 14:40
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.7		%	0.100	NA	1	-	10/31/18 13:04	121,2540G	RI



Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-06
 Client ID: SHEETER PIT #1-BOTTOM
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:00
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	10/31/18 13:04	121,2540G	RI



Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-07
 Client ID: SHEETER PIT #1-WW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:20
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	10/31/18 13:04	121,2540G	RI



Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-08
 Client ID: SHEETER PIT #1-SW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 15:35
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.7		%	0.100	NA	1	-	10/31/18 13:04	121,2540G	RI



Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-09
Client ID: SHEETER PIT #2-NW
Sample Location: MOD-PAC

Date Collected: 10/30/18 15:55
Date Received: 10/30/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.4		%	0.100	NA	1	-	10/31/18 13:04	121,2540G	RI



Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-10
Client ID: SHEETER PIT #2-EW
Sample Location: MOD-PAC

Date Collected: 10/30/18 16:10
Date Received: 10/30/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	10/31/18 13:04	121,2540G	RI



Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-11
Client ID: SHEETER PIT #2-BOTTOM
Sample Location: MOD-PAC

Date Collected: 10/30/18 16:25
Date Received: 10/30/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.7		%	0.100	NA	1	-	10/31/18 13:04	121,2540G	RI



Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-12
Client ID: SHEETER PIT #2-SW
Sample Location: MOD-PAC

Date Collected: 10/30/18 16:40
Date Received: 10/30/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.2		%	0.100	NA	1	-	10/31/18 13:04	121,2540G	RI



Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

SAMPLE RESULTS

Lab ID: L1844369-13
 Client ID: SHEETER PIT #2-WW
 Sample Location: MOD-PAC

Date Collected: 10/30/18 16:55
 Date Received: 10/30/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.6		%	0.100	NA	1	-	10/31/18 13:04	121,2540G	RI



Lab Duplicate Analysis

Batch Quality Control

Project Name: REMEDIAL INVESTIGATION OCT2018

Project Number: E1605

Lab Number: L1844369

Report Date: 11/06/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03-13 QC Batch ID: WG1174374-1 QC Sample: L1844369-09 Client ID: SHEETER PIT #2-NW						
Solids, Total	95.4	94.7	%	1		20

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1844369-01A	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260-R2(14)
L1844369-01B	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260-R2(14)
L1844369-01C	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260-R2(14)
L1844369-01D	Plastic 250ml HNO3 preserved	A	<2	<2	2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1844369-01E	Amber 1000ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8270(7)
L1844369-01F	Amber 1000ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8270(7)
L1844369-01G	Amber 1000ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8082-1200ML(7)
L1844369-01H	Amber 1000ml unpreserved	A	7	7	2.9	Y	Absent		NYTCL-8082-1200ML(7)
L1844369-02A	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260-R2(14)
L1844369-02B	Vial HCl preserved	A	NA		2.9	Y	Absent		NYTCL-8260-R2(14)
L1844369-03A	Vial MeOH preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)
L1844369-03B	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-03C	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-03D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L1844369-03E	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1844369-03F	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-03G	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-04A	Vial MeOH preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Serial_No:11061817:14
Lab Number: L1844369
Report Date: 11/06/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1844369-04B	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-04C	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-04D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L1844369-04E	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1844369-04F	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-04G	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-05A	Vial MeOH preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)
L1844369-05B	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-05C	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-05D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L1844369-05E	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1844369-05F	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-05G	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-06A	Vial MeOH preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)
L1844369-06B	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-06C	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-06D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L1844369-06E	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1844369-06F	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-06G	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-07A	Vial MeOH preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Serial_No:11061817:14
Lab Number: L1844369
Report Date: 11/06/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1844369-07B	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-07C	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-07D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L1844369-07E	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1844369-07F	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-07G	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-08A	Vial MeOH preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)
L1844369-08B	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-08C	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-08D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L1844369-08E	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1844369-08F	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-08G	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-09A	Vial MeOH preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)
L1844369-09A1	Vial MeOH preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)
L1844369-09A2	Vial MeOH preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)
L1844369-09B	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-09B1	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-09B2	Vial water preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)
L1844369-09C	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-09C1	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-09C2	Vial water preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)
L1844369-09D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Serial_No:11061817:14
Lab Number: L1844369
Report Date: 11/06/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1844369-09D1	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L1844369-09D2	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L1844369-09E	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1844369-09E1	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1844369-09E2	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1844369-09F	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-09F1	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-09F2	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-09G	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-09G1	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-09G2	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-10A	Vial MeOH preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)
L1844369-10B	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-10C	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-10D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L1844369-10E	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1844369-10F	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-10G	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-11A	Vial MeOH preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1844369-11B	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-11C	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-11D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L1844369-11E	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1844369-11F	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-11G	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-12A	Vial MeOH preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L1844369-12B	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L1844369-12C	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L1844369-12D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L1844369-12E	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1844369-12F	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-12G	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-13A	Vial MeOH preserved	A	NA		2.9	Y	Absent		NYTCL-8260HLW-R2(14)
L1844369-13B	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-13C	Vial water preserved	A	NA		2.9	Y	Absent	31-OCT-18 14:19	NYTCL-8260HLW-R2(14)
L1844369-13D	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L1844369-13E	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1844369-13F	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1844369-13G	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)

Project Name: REMEDIAL INVESTIGATION OCT2018

Project Number: E1605

Serial_No:11061817:14

Lab Number: L1844369

Report Date: 11/06/18

Container Information

Container ID Container Type

Cooler Initial pH Final pH Temp deg C Pres Seal

Frozen Date/Time

Analysis(*)

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Report Format: DU Report with 'J' Qualifiers



Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedances are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Project Name: REMEDIAL INVESTIGATION OCT2018
Project Number: E1605

Lab Number: L1844369
Report Date: 11/06/18

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.


EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01561 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd. TEL: 508-822-9300 FAX: 508-822-3289	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1 of 1	Date Rec'd in Lab 10/30/18	ALPHA Job # L1844369							
		Project Information Project Name: Remedial Investigation (October 2018) Project Location: Mod-Pac Project # elbos		Deliverables <input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #						
Client Information Client: Hazard Evaluations, Inc. Address: 3636 N. Buffalo Rd Orchard Park, NY 14127 Phone: 716-667-3130 Fax: 716-667-3156 Email: mhanan@hazardevaluations.com		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:								
Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		ANALYSIS		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below) Sample Specific Comments								
These samples have been previously analyzed by Alpha <input type="checkbox"/>		Other project specific requirements/comments: open new sample delivery group. Additionally email results to mwhittman@hazardevaluations.com		Please specify Metals or TAL.								
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	VOL 8260 TCL	VOL 8260 TCL	SVOC 8270 TCL	TAL Metals	TAL Metals	T. PCBs	Total Bottle
		Date	Time									
44369-01	Equipment Rinse (10/30/18)	10/30/18	1:00pm	WA	EB	X		X		X		8
02	TriP Blank (10/30/18)	10/30/18	1:05pm	WA	EB	X						2
03	Sheet P. #1 - EW	10/30/18	2:10pm	Soil	EB		X	X	X	X		7
04	Sheet P. #1 - EW Duplicate	10/30/18	2:10pm	Soil	EB		X	X	X	X		7
05	Sheet P. #1 - NW	10/30/18	2:40pm	Soil	EB		X	X	X	X		7
06	Sheet P. #1 - Bottom	10/30/18	3:00pm	Soil	EB		X	X	X	X		7
07	Sheet P. #1 - WW	10/30/18	3:20pm	Soil	EB		X	X	X	X		7
08	Sheet P. #1 - SW	10/30/18	3:35pm	Soil	EB		X	X	X	X		7
09	Sheet P. #2 - NW	10/30/18	3:55pm	Soil	EB		X	X	X	X		7
09	Sheet P. #2 - NW MS/MSD	10/30/18	3:55pm	Soil	EB		X	X	X	X		7
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type V E A A P A		Preservative B F A A C A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)		
Relinquished By: <i>[Signature]</i>		Date/Time: 10/30/18 1715		Received By: <i>[Signature]</i> AAL		Date/Time: 10/30/18 @ 1715						
Relinquished By: AAL		Date/Time: 10/30/18 1740										

 ALPHA <small>WESTBOROUGH</small>	NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 2 of 2	Date Rec'd In Lab 10/30/18	ALPHA Job # L1844369		
		Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables	
Client Information		Project Name: Remedial Investigation (October 2018) Project Location: Mod Pac Project # eibos (Use Project name as Project #) <input type="checkbox"/>		<input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQiS (1 File) <input type="checkbox"/> EQiS (4 File) <input type="checkbox"/> Other		<input checked="" type="checkbox"/> Same as Client Info PO #	
Client: Hazard Evaluations Inc Address: 3636 N. Buffalo Rd Orchard Park NY 14127 Phone: 716-667-3130 Fax: 716-667-3156 Email: m.hanna@hazardevaluations.com		Project Manager: Candy Fox ALPHAQuote #:		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days: 5 day firm		These samples have been previously analyzed by Alpha <input type="checkbox"/>		ANALYSIS		Sample Filtration	
Other project specific requirements/comments: close sample delivery group!				VOC B260 TEL SVOC B270 TEL TAL Metals T-PCBS		<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)	
Please specify Metals or TAL.							
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date Time		Sample Matrix	Sampler's Initials		
44369 -	10	Sheeter Pit #2 - EW		Soil	EB	X	X
	11	Sheeter Pit #2 - Bottom		Soil	EB	X	X
	12	Sheeter Pit #2 - SW		Soil	EB	X	X
	13	Sheeter Pit #2 - WW		Soil	EB	X	X
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type: E A A A Preservative: F A A A	
		Relinquished By: Epic B... SAH - AAL		Date/Time: 10/30/18 1715 10/30/18 1740		Received By: AL AAL Date/Time: 10/20/18 @ 1715	
Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)							



ANALYTICAL REPORT

Lab Number:	L1908144
Client:	Hazard Evaluations, Inc. 3636 North Buffalo Road Orchard Park, NY 14127
ATTN:	Mark Hanna
Phone:	(716) 667-3130
Project Name:	PRESS PIT EXCAVATION
Project Number:	E1605
Report Date:	03/18/19

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: PRESS PIT EXCAVATION

Project Number: E1605

Lab Number: L1908144

Report Date: 03/18/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1908144-01	DC-EX-BOTTOM	SOIL	1801 ELMWOOD AVE., MOD-PAC	02/27/19 13:00	03/01/19
L1908144-02	DC-EX-NW	SOIL	1801 ELMWOOD AVE., MOD-PAC	03/06/19 10:00	03/07/19
L1908144-03	DC-EX-EW	SOIL	1801 ELMWOOD AVE., MOD-PAC	03/06/19 10:15	03/07/19
L1908144-04	DC-EX-SW	SOIL	1801 ELMWOOD AVE., MOD-PAC	03/06/19 10:25	03/07/19
L1908144-05	DC-EX-SW DUPLICATE	SOIL	1801 ELMWOOD AVE., MOD-PAC	03/06/19 10:25	03/07/19
L1908144-06	AJ-EX-BOTTOM	SOIL	1801 ELMWOOD AVE., MOD-PAC	03/06/19 11:30	03/07/19
L1908144-07	AJ-EX-NW	SOIL	1801 ELMWOOD AVE., MOD-PAC	03/06/19 11:15	03/07/19
L1908144-08	AJ-EX-SW	SOIL	1801 ELMWOOD AVE., MOD-PAC	03/06/19 11:35	03/07/19
L1908144-09	AJ-EX-EW	SOIL	1801 ELMWOOD AVE., MOD-PAC	03/06/19 11:20	03/07/19
L1908144-10	AJ-EX-WW	SOIL	1801 ELMWOOD AVE., MOD-PAC	03/06/19 11:25	03/07/19
L1908144-11	TRIP BLANK (031119)	WATER	1801 ELMWOOD AVE., MOD-PAC	03/11/19 09:30	03/11/19
L1908144-12	EQUIPMENT RINSATE (031119)	WATER	1801 ELMWOOD AVE., MOD-PAC	03/11/19 09:25	03/11/19
L1908144-13	SHEETER PIT #3-NW	SOIL	1801 ELMWOOD AVE., MOD-PAC	03/11/19 08:55	03/11/19
L1908144-14	SHEETER PIT #3-WW	SOIL	1801 ELMWOOD AVE., MOD-PAC	03/11/19 09:00	03/11/19
L1908144-15	SHEETER PIT #3-SW	SOIL	1801 ELMWOOD AVE., MOD-PAC	03/11/19 09:05	03/11/19
L1908144-16	SHEETER PIT #3-BOTTOM	SOIL	1801 ELMWOOD AVE., MOD-PAC	03/11/19 09:15	03/11/19
L1908144-17	SHEETER PIT#3-EW	SOIL	1801 ELMWOOD AVE., MOD-PAC	03/11/19 09:10	03/11/19

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L1908144-01 and -13 through -17: The Client IDs were specified by the client.

L1908144-01: The water-preserved VOA vials for Volatile Organics Low-Level analysis were received at the laboratory beyond the 48 hour holding time required for freezing. The client was notified and the results of the analysis are reported.

Volatile Organics

L1908144-03: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (31%) and the surrogate recovery for 4-bromofluorobenzene (132%) were outside the acceptance criteria; however, re-analysis achieved similar results: 1,4-dichlorobenzene-d4 (31%) and 4-bromofluorobenzene (133%). The results of both analyses are reported.

L1908144-04: The internal standard (IS) responses for chlorobenzene-d5 (33%) and 1,4-dichlorobenzene-d4 (11%) and surrogate recoveries for 1,2-dichloroethane-d4 (145%), toluene-d8 (165%) and 4-bromofluorobenzene (152%) were outside the acceptance criteria. The second low-level vial was broken and could not be analyzed. A high-level analysis was performed, and those results are also reported.

L1908144-05: The internal standard (IS) responses for chlorobenzene-d5 (34%) and 1,4-dichlorobenzene-d4 (12%) and the surrogate recoveries for 1,2-dichloroethane-d4 (147%), toluene-d8 (153%) and 4-bromofluorobenzene (141%) were outside the acceptance criteria; however, re-analysis achieved similar results: chlorobenzene-d5 (44%), 1,4-dichlorobenzene-d4 (16%), 1,2-dichloroethane-d4 (135%), toluene-d8 (155%) and 4-bromofluorobenzene (151%). The results of both analyses are reported.

L1908144-13: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (24%) and the surrogate recovery for 4-bromofluorobenzene (138%) were outside the acceptance criteria; however, re-analysis achieved similar results: 1,4-dichlorobenzene-d4 (29%) and 4-bromofluorobenzene (141%). The results of

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Case Narrative (continued)

both analyses are reported.

L1908144-15: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (21%) and the surrogate recoveries for 1,2-dichloroethane-d4 (131%) and 4-bromofluorobenzene (145%) were outside the acceptance criteria; however, re-analysis achieved similar results: 1,4-dichlorobenzene-d4 (27%) and 4-bromofluorobenzene (148%). The results of both analyses are reported.

Semivolatile Organics

L1908144-06: The sample has elevated detection limits due to the dilution required by the sample matrix.

L1908144-13 through -17: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

The WG1213938-4 MS recovery, performed on L1908144-08, is outside the acceptance criteria for benzo(k)fluoranthene (0%). The unacceptable percent recovery is attributed to the elevated concentrations of target compounds present in the native sample.

The WG1213938-4/-5 MS/MSD recoveries, performed on L1908144-08, are below the acceptance criteria for 2,4-dinitrophenol (0%/0%) and 4,6-dinitro-o-cresol (0%/(0%)) due to the concentrations of these compounds falling below the reported detection limits.

Total Metals

L1908144-01 through -10 and -13 through -17: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1213841-3/-4 MS/MSD recoveries for aluminum (341%/0%), calcium (MS 139%), copper (0%/442%), iron (3230%/61300%) and manganese (0%/867%), performed on L1908144-08, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1213841-3/-4 MS/MSD recoveries, performed on L1908144-08, are outside the acceptance criteria for cadmium (MSD 38%) and sodium (MS 72%). A post digestion spike was performed and yielded unacceptable recoveries for cadmium (78%) and sodium (127%). The serial dilution recoveries were not applicable; therefore, these elements fail the matrix test and the results reported in the native sample should be

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Case Narrative (continued)

considered estimated.

The WG1213841-3/-4 MS/MSD recoveries, performed on L1908144-08, are outside the acceptance criteria for arsenic (MSD 160%), chromium (MSD 218%), nickel (MSD 219%) and thallium (MS 73%). A post digestion spike was performed and was within acceptance criteria.

The WG1213841-3/-4 MS/MSD RPDs for antimony (29%), arsenic (29%), cadmium (75%), chromium (56%), copper (69%), iron (129%), manganese (102%), nickel (67%) and thallium (23%), performed on L1908144-08, are above the acceptance criteria.

The WG1213995-3/-4 MS/MSD recoveries, performed on L1908144-08, are outside the acceptance criteria for mercury (139%/123%). A post digestion spike was performed and was within acceptance criteria.

The WG1214903-3 MS recoveries for aluminum (738%), calcium (446%), iron (3500%) and manganese (484%), performed on L1908144-13, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1214903-3 MS recovery, performed on L1908144-13, is outside the acceptance criteria for thallium (70%). A post digestion spike was performed and was within acceptance criteria.

The WG1214903-3 MS recovery, performed on L1908144-13, is outside the acceptance criteria for zinc (320%). A post digestion spike was performed and yielded an unacceptable recovery for zinc (79%). The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

The WG1214903-4 Laboratory Duplicate RPDs for barium (83%), copper (30%), lead (71%) and zinc (57%), performed on L1908144-13, are outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Melissa Cripps

Title: Technical Director/Representative

Date: 03/18/19

ORGANICS

VOLATILES

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-01
 Client ID: DC-EX-BOTTOM
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 02/27/19 13:00
 Date Received: 03/01/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/07/19 15:47
 Analyst: AD
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.20	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	0.33	J	ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-01
 Client ID: DC-EX-BOTTOM
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 02/27/19 13:00
 Date Received: 03/01/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.24	1
p/m-Xylene	0.83	J	ug/kg	2.3	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	290		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
Methyl Acetate	ND		ug/kg	4.7	1.1	1
Cyclohexane	ND		ug/kg	12	0.64	1
1,4-Dioxane	ND		ug/kg	94	41.	1
Freon-113	ND		ug/kg	4.7	0.81	1
Methyl cyclohexane	ND		ug/kg	4.7	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	106		70-130

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-02
 Client ID: DC-EX-NW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:00
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/15/19 11:39
 Analyst: JC
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	0.20	J	ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-02
 Client ID: DC-EX-NW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:00
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	0.64	J	ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.17	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.91	1
Acetone	140		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.5	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
Methyl Acetate	ND		ug/kg	4.0	0.95	1
Cyclohexane	ND		ug/kg	10	0.54	1
1,4-Dioxane	ND		ug/kg	80	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	98		70-130

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-03
 Client ID: DC-EX-EW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:15
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/14/19 22:32
 Analyst: MV
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	1.2		ug/kg	1.2	0.66	1
Ethylbenzene	1.2		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	0.16	J	ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-03
 Client ID: DC-EX-EW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:15
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	3.6		ug/kg	2.4	0.68	1
o-Xylene	1.1	J	ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	0.28	J	ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
Methyl Acetate	ND		ug/kg	4.8	1.1	1
Cyclohexane	ND		ug/kg	12	0.66	1
1,4-Dioxane	ND		ug/kg	97	42.	1
Freon-113	ND		ug/kg	4.8	0.84	1
Methyl cyclohexane	ND		ug/kg	4.8	0.73	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	122		70-130
4-Bromofluorobenzene	132	Q	70-130
Dibromofluoromethane	108		70-130

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-03 R
 Client ID: DC-EX-EW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:15
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/15/19 09:55
 Analyst: JC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	0.81	J	ug/kg	1.2	0.66	1
Ethylbenzene	1.0	J	ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-03 R
 Client ID: DC-EX-EW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:15
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	3.1		ug/kg	2.4	0.68	1
o-Xylene	0.96	J	ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	0.24	J	ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
Methyl Acetate	ND		ug/kg	4.9	1.2	1
Cyclohexane	ND		ug/kg	12	0.66	1
1,4-Dioxane	ND		ug/kg	98	43.	1
Freon-113	ND		ug/kg	4.9	0.84	1
Methyl cyclohexane	ND		ug/kg	4.9	0.74	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	121		70-130
4-Bromofluorobenzene	133	Q	70-130
Dibromofluoromethane	106		70-130

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-04
 Client ID: DC-EX-SW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:25
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/14/19 22:58
 Analyst: NLK
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	0.56	J	ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	1.4		ug/kg	1.2	0.63	1
Ethylbenzene	0.64	J	ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-04
 Client ID: DC-EX-SW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:25
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	1.7	J	ug/kg	2.3	0.65	1
o-Xylene	0.46	J	ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	92		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	12	0.63	1
1,4-Dioxane	ND		ug/kg	93	41.	1
Freon-113	ND		ug/kg	4.6	0.81	1
Methyl cyclohexane	ND		ug/kg	4.6	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	145	Q	70-130
Toluene-d8	165	Q	70-130
4-Bromofluorobenzene	152	Q	70-130
Dibromofluoromethane	124		70-130

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-04
 Client ID: DC-EX-SW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:25
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/15/19 14:42
 Analyst: PK
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	350	160	1
1,1-Dichloroethane	ND		ug/kg	71	10.	1
Chloroform	ND		ug/kg	110	9.9	1
Carbon tetrachloride	ND		ug/kg	71	16.	1
1,2-Dichloropropane	ND		ug/kg	71	8.9	1
Dibromochloromethane	ND		ug/kg	71	9.9	1
1,1,2-Trichloroethane	ND		ug/kg	71	19.	1
Tetrachloroethene	ND		ug/kg	35	14.	1
Chlorobenzene	ND		ug/kg	35	9.0	1
Trichlorofluoromethane	ND		ug/kg	280	49.	1
1,2-Dichloroethane	ND		ug/kg	71	18.	1
1,1,1-Trichloroethane	ND		ug/kg	35	12.	1
Bromodichloromethane	ND		ug/kg	35	7.7	1
trans-1,3-Dichloropropene	ND		ug/kg	71	19.	1
cis-1,3-Dichloropropene	ND		ug/kg	35	11.	1
Bromoform	ND		ug/kg	280	17.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	35	12.	1
Benzene	ND		ug/kg	35	12.	1
Toluene	ND		ug/kg	71	38.	1
Ethylbenzene	ND		ug/kg	71	10.	1
Chloromethane	ND		ug/kg	280	66.	1
Bromomethane	ND		ug/kg	140	41.	1
Vinyl chloride	ND		ug/kg	71	24.	1
Chloroethane	ND		ug/kg	140	32.	1
1,1-Dichloroethene	ND		ug/kg	71	17.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	9.7	1
Trichloroethene	ND		ug/kg	35	9.7	1
1,2-Dichlorobenzene	ND		ug/kg	140	10.	1

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-04
 Client ID: DC-EX-SW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:25
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	140	10.	1
1,4-Dichlorobenzene	ND		ug/kg	140	12.	1
Methyl tert butyl ether	ND		ug/kg	140	14.	1
p/m-Xylene	ND		ug/kg	140	40.	1
o-Xylene	ND		ug/kg	71	21.	1
cis-1,2-Dichloroethene	ND		ug/kg	71	12.	1
Styrene	ND		ug/kg	71	14.	1
Dichlorodifluoromethane	ND		ug/kg	710	65.	1
Acetone	ND		ug/kg	710	340	1
Carbon disulfide	ND		ug/kg	710	320	1
2-Butanone	ND		ug/kg	710	160	1
4-Methyl-2-pentanone	ND		ug/kg	710	91.	1
2-Hexanone	ND		ug/kg	710	84.	1
Bromochloromethane	ND		ug/kg	140	14.	1
1,2-Dibromoethane	ND		ug/kg	71	20.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	210	71.	1
Isopropylbenzene	ND		ug/kg	71	7.7	1
1,2,3-Trichlorobenzene	ND		ug/kg	140	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	140	19.	1
Methyl Acetate	ND		ug/kg	280	67.	1
Cyclohexane	ND		ug/kg	710	38.	1
1,4-Dioxane	ND		ug/kg	5700	2500	1
Freon-113	ND		ug/kg	280	49.	1
Methyl cyclohexane	ND		ug/kg	280	43.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	95		70-130

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-05
 Client ID: DC-EX-SW DUPLICATE
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:25
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/14/19 23:24
 Analyst: MV
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	1.2		ug/kg	1.1	0.61	1
Ethylbenzene	0.80	J	ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-05
 Client ID: DC-EX-SW DUPLICATE
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:25
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	2.4		ug/kg	2.2	0.63	1
o-Xylene	0.68	J	ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	52		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	0.12	J	ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.5	1.1	1
Cyclohexane	ND		ug/kg	11	0.61	1
1,4-Dioxane	ND		ug/kg	90	39.	1
Freon-113	ND		ug/kg	4.5	0.78	1
Methyl cyclohexane	ND		ug/kg	4.5	0.68	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	147	Q	70-130
Toluene-d8	153	Q	70-130
4-Bromofluorobenzene	141	Q	70-130
Dibromofluoromethane	123		70-130

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-05 R
 Client ID: DC-EX-SW DUPLICATE
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:25
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/15/19 11:12
 Analyst: JC
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	0.42	J	ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	0.19	J	ug/kg	0.55	0.18	1
Toluene	1.1		ug/kg	1.1	0.60	1
Ethylbenzene	0.74	J	ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-05 R
 Client ID: DC-EX-SW DUPLICATE
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:25
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	2.0	J	ug/kg	2.2	0.62	1
o-Xylene	0.63	J	ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	42		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	89	39.	1
Freon-113	ND		ug/kg	4.4	0.77	1
Methyl cyclohexane	ND		ug/kg	4.4	0.67	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	135	Q	70-130
Toluene-d8	155	Q	70-130
4-Bromofluorobenzene	151	Q	70-130
Dibromofluoromethane	117		70-130

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-06
 Client ID: AJ-EX-BOTTOM
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:30
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/15/19 02:26
 Analyst: NLK
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	410	190	1
1,1-Dichloroethane	ND		ug/kg	82	12.	1
Chloroform	ND		ug/kg	120	12.	1
Carbon tetrachloride	ND		ug/kg	82	19.	1
1,2-Dichloropropane	ND		ug/kg	82	10.	1
Dibromochloromethane	ND		ug/kg	82	12.	1
1,1,2-Trichloroethane	ND		ug/kg	82	22.	1
Tetrachloroethene	25	J	ug/kg	41	16.	1
Chlorobenzene	ND		ug/kg	41	10.	1
Trichlorofluoromethane	ND		ug/kg	330	57.	1
1,2-Dichloroethane	ND		ug/kg	82	21.	1
1,1,1-Trichloroethane	ND		ug/kg	41	14.	1
Bromodichloromethane	ND		ug/kg	41	9.0	1
trans-1,3-Dichloropropene	ND		ug/kg	82	22.	1
cis-1,3-Dichloropropene	ND		ug/kg	41	13.	1
Bromoform	ND		ug/kg	330	20.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	41	14.	1
Benzene	ND		ug/kg	41	14.	1
Toluene	280		ug/kg	82	45.	1
Ethylbenzene	ND		ug/kg	82	12.	1
Chloromethane	ND		ug/kg	330	76.	1
Bromomethane	ND		ug/kg	160	48.	1
Vinyl chloride	ND		ug/kg	82	28.	1
Chloroethane	ND		ug/kg	160	37.	1
1,1-Dichloroethene	ND		ug/kg	82	20.	1
trans-1,2-Dichloroethene	ND		ug/kg	120	11.	1
Trichloroethene	2400		ug/kg	41	11.	1
1,2-Dichlorobenzene	ND		ug/kg	160	12.	1

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-06
 Client ID: AJ-EX-BOTTOM
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:30
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	160	12.	1
1,4-Dichlorobenzene	ND		ug/kg	160	14.	1
Methyl tert butyl ether	ND		ug/kg	160	16.	1
p/m-Xylene	ND		ug/kg	160	46.	1
o-Xylene	33	J	ug/kg	82	24.	1
cis-1,2-Dichloroethene	ND		ug/kg	82	14.	1
Styrene	ND		ug/kg	82	16.	1
Dichlorodifluoromethane	ND		ug/kg	820	75.	1
Acetone	ND		ug/kg	820	400	1
Carbon disulfide	ND		ug/kg	820	370	1
2-Butanone	ND		ug/kg	820	180	1
4-Methyl-2-pentanone	ND		ug/kg	820	100	1
2-Hexanone	ND		ug/kg	820	97.	1
Bromochloromethane	ND		ug/kg	160	17.	1
1,2-Dibromoethane	ND		ug/kg	82	23.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	82.	1
Isopropylbenzene	ND		ug/kg	82	9.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	160	26.	1
1,2,4-Trichlorobenzene	ND		ug/kg	160	22.	1
Methyl Acetate	ND		ug/kg	330	78.	1
Cyclohexane	66	J	ug/kg	820	45.	1
1,4-Dioxane	ND		ug/kg	6600	2900	1
Freon-113	ND		ug/kg	330	57.	1
Methyl cyclohexane	230	J	ug/kg	330	50.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	101		70-130

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-07
 Client ID: AJ-EX-NW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:15
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/15/19 02:52
 Analyst: NLK
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	370	170	1
1,1-Dichloroethane	ND		ug/kg	74	11.	1
Chloroform	ND		ug/kg	110	10.	1
Carbon tetrachloride	ND		ug/kg	74	17.	1
1,2-Dichloropropane	ND		ug/kg	74	9.2	1
Dibromochloromethane	ND		ug/kg	74	10.	1
1,1,2-Trichloroethane	ND		ug/kg	74	20.	1
Tetrachloroethene	44		ug/kg	37	14.	1
Chlorobenzene	ND		ug/kg	37	9.4	1
Trichlorofluoromethane	ND		ug/kg	300	51.	1
1,2-Dichloroethane	ND		ug/kg	74	19.	1
1,1,1-Trichloroethane	ND		ug/kg	37	12.	1
Bromodichloromethane	ND		ug/kg	37	8.1	1
trans-1,3-Dichloropropene	ND		ug/kg	74	20.	1
cis-1,3-Dichloropropene	ND		ug/kg	37	12.	1
Bromoform	ND		ug/kg	300	18.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	37	12.	1
Benzene	ND		ug/kg	37	12.	1
Toluene	170		ug/kg	74	40.	1
Ethylbenzene	12	J	ug/kg	74	10.	1
Chloromethane	ND		ug/kg	300	69.	1
Bromomethane	ND		ug/kg	150	43.	1
Vinyl chloride	ND		ug/kg	74	25.	1
Chloroethane	ND		ug/kg	150	33.	1
1,1-Dichloroethene	ND		ug/kg	74	18.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	10.	1
Trichloroethene	4900		ug/kg	37	10.	1
1,2-Dichlorobenzene	ND		ug/kg	150	11.	1

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-07
 Client ID: AJ-EX-NW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:15
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	150	11.	1
1,4-Dichlorobenzene	ND		ug/kg	150	13.	1
Methyl tert butyl ether	ND		ug/kg	150	15.	1
p/m-Xylene	59	J	ug/kg	150	41.	1
o-Xylene	39	J	ug/kg	74	22.	1
cis-1,2-Dichloroethene	ND		ug/kg	74	13.	1
Styrene	ND		ug/kg	74	14.	1
Dichlorodifluoromethane	ND		ug/kg	740	68.	1
Acetone	ND		ug/kg	740	360	1
Carbon disulfide	ND		ug/kg	740	340	1
2-Butanone	ND		ug/kg	740	160	1
4-Methyl-2-pentanone	ND		ug/kg	740	95.	1
2-Hexanone	ND		ug/kg	740	87.	1
Bromochloromethane	ND		ug/kg	150	15.	1
1,2-Dibromoethane	ND		ug/kg	74	21.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	220	74.	1
Isopropylbenzene	ND		ug/kg	74	8.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	150	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	150	20.	1
Methyl Acetate	410		ug/kg	300	70.	1
Cyclohexane	67	J	ug/kg	740	40.	1
1,4-Dioxane	ND		ug/kg	5900	2600	1
Freon-113	ND		ug/kg	300	51.	1
Methyl cyclohexane	230	J	ug/kg	300	45.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-08
 Client ID: AJ-EX-SW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:35
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/15/19 12:05
 Analyst: JC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	0.61		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-08
Client ID: AJ-EX-SW
Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:35
Date Received: 03/07/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.59	1
1,4-Dioxane	ND		ug/kg	87	38.	1
Freon-113	ND		ug/kg	4.4	0.75	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	98		70-130

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-09
 Client ID: AJ-EX-EW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:20
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/15/19 03:44
 Analyst: NLK
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	350	160	1
1,1-Dichloroethane	ND		ug/kg	70	10.	1
Chloroform	ND		ug/kg	100	9.9	1
Carbon tetrachloride	ND		ug/kg	70	16.	1
1,2-Dichloropropane	ND		ug/kg	70	8.8	1
Dibromochloromethane	ND		ug/kg	70	9.9	1
1,1,2-Trichloroethane	ND		ug/kg	70	19.	1
Tetrachloroethene	47		ug/kg	35	14.	1
Chlorobenzene	ND		ug/kg	35	9.0	1
Trichlorofluoromethane	ND		ug/kg	280	49.	1
1,2-Dichloroethane	ND		ug/kg	70	18.	1
1,1,1-Trichloroethane	ND		ug/kg	35	12.	1
Bromodichloromethane	ND		ug/kg	35	7.7	1
trans-1,3-Dichloropropene	ND		ug/kg	70	19.	1
cis-1,3-Dichloropropene	ND		ug/kg	35	11.	1
Bromoform	ND		ug/kg	280	17.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	35	12.	1
Benzene	ND		ug/kg	35	12.	1
Toluene	45	J	ug/kg	70	38.	1
Ethylbenzene	18	J	ug/kg	70	9.9	1
Chloromethane	ND		ug/kg	280	66.	1
Bromomethane	ND		ug/kg	140	41.	1
Vinyl chloride	ND		ug/kg	70	24.	1
Chloroethane	ND		ug/kg	140	32.	1
1,1-Dichloroethene	ND		ug/kg	70	17.	1
trans-1,2-Dichloroethene	ND		ug/kg	100	9.7	1
Trichloroethene	4300		ug/kg	35	9.7	1
1,2-Dichlorobenzene	ND		ug/kg	140	10.	1

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-09
Client ID: AJ-EX-EW
Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:20
Date Received: 03/07/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	140	10.	1
1,4-Dichlorobenzene	ND		ug/kg	140	12.	1
Methyl tert butyl ether	ND		ug/kg	140	14.	1
p/m-Xylene	55	J	ug/kg	140	40.	1
o-Xylene	41	J	ug/kg	70	20.	1
cis-1,2-Dichloroethene	ND		ug/kg	70	12.	1
Styrene	ND		ug/kg	70	14.	1
Dichlorodifluoromethane	ND		ug/kg	700	64.	1
Acetone	350	J	ug/kg	700	340	1
Carbon disulfide	ND		ug/kg	700	320	1
2-Butanone	ND		ug/kg	700	160	1
4-Methyl-2-pentanone	ND		ug/kg	700	90.	1
2-Hexanone	ND		ug/kg	700	83.	1
Bromochloromethane	ND		ug/kg	140	14.	1
1,2-Dibromoethane	ND		ug/kg	70	20.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	210	70.	1
Isopropylbenzene	ND		ug/kg	70	7.7	1
1,2,3-Trichlorobenzene	ND		ug/kg	140	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	140	19.	1
Methyl Acetate	550		ug/kg	280	67.	1
Cyclohexane	170	J	ug/kg	700	38.	1
1,4-Dioxane	ND		ug/kg	5600	2500	1
Freon-113	ND		ug/kg	280	49.	1
Methyl cyclohexane	260	J	ug/kg	280	42.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	98		70-130

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-10
 Client ID: AJ-EX-WW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:25
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/15/19 04:10
 Analyst: NLK
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	330	150	1
1,1-Dichloroethane	ND		ug/kg	66	9.5	1
Chloroform	ND		ug/kg	99	9.2	1
Carbon tetrachloride	ND		ug/kg	66	15.	1
1,2-Dichloropropane	ND		ug/kg	66	8.2	1
Dibromochloromethane	ND		ug/kg	66	9.2	1
1,1,2-Trichloroethane	ND		ug/kg	66	18.	1
Tetrachloroethene	24	J	ug/kg	33	13.	1
Chlorobenzene	ND		ug/kg	33	8.3	1
Trichlorofluoromethane	ND		ug/kg	260	46.	1
1,2-Dichloroethane	ND		ug/kg	66	17.	1
1,1,1-Trichloroethane	ND		ug/kg	33	11.	1
Bromodichloromethane	ND		ug/kg	33	7.2	1
trans-1,3-Dichloropropene	ND		ug/kg	66	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	33	10.	1
Bromoform	ND		ug/kg	260	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	33	11.	1
Benzene	12	J	ug/kg	33	11.	1
Toluene	ND		ug/kg	66	36.	1
Ethylbenzene	9.7	J	ug/kg	66	9.3	1
Chloromethane	ND		ug/kg	260	61.	1
Bromomethane	ND		ug/kg	130	38.	1
Vinyl chloride	ND		ug/kg	66	22.	1
Chloroethane	ND		ug/kg	130	30.	1
1,1-Dichloroethene	ND		ug/kg	66	16.	1
trans-1,2-Dichloroethene	ND		ug/kg	99	9.0	1
Trichloroethene	2900		ug/kg	33	9.0	1
1,2-Dichlorobenzene	ND		ug/kg	130	9.5	1

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-10
 Client ID: AJ-EX-WW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:25
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	130	9.7	1
1,4-Dichlorobenzene	ND		ug/kg	130	11.	1
Methyl tert butyl ether	14	J	ug/kg	130	13.	1
p/m-Xylene	38	J	ug/kg	130	37.	1
o-Xylene	24	J	ug/kg	66	19.	1
cis-1,2-Dichloroethene	ND		ug/kg	66	12.	1
Styrene	ND		ug/kg	66	13.	1
Dichlorodifluoromethane	ND		ug/kg	660	60.	1
Acetone	ND		ug/kg	660	320	1
Carbon disulfide	ND		ug/kg	660	300	1
2-Butanone	ND		ug/kg	660	140	1
4-Methyl-2-pentanone	ND		ug/kg	660	84.	1
2-Hexanone	ND		ug/kg	660	78.	1
Bromochloromethane	ND		ug/kg	130	13.	1
1,2-Dibromoethane	ND		ug/kg	66	18.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	200	66.	1
Isopropylbenzene	ND		ug/kg	66	7.2	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	18.	1
Methyl Acetate	ND		ug/kg	260	62.	1
Cyclohexane	84	J	ug/kg	660	36.	1
1,4-Dioxane	ND		ug/kg	5200	2300	1
Freon-113	ND		ug/kg	260	46.	1
Methyl cyclohexane	180	J	ug/kg	260	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	98		70-130

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-11
 Client ID: TRIP BLANK (031119)
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:30
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 03/14/19 20:11
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-11
 Client ID: TRIP BLANK (031119)
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:30
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	91		70-130

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-12
 Client ID: EQUIPMENT RINSATE (031119)
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:25
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 03/14/19 20:36
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	0.48	J	ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	0.89	J	ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-12
 Client ID: EQUIPMENT RINSATE (031119)
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:25
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	92		70-130

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-13
 Client ID: SHEETER PIT #3-NW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 08:55
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/14/19 23:50
 Analyst: MV
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	1.3		ug/kg	1.0	0.54	1
Ethylbenzene	0.80	J	ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-13
 Client ID: SHEETER PIT #3-NW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 08:55
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	3.0		ug/kg	2.0	0.56	1
o-Xylene	0.76	J	ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	32		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
Methyl Acetate	ND		ug/kg	4.0	0.95	1
Cyclohexane	ND		ug/kg	10	0.54	1
1,4-Dioxane	ND		ug/kg	80	35.	1
Freon-113	ND		ug/kg	4.0	0.70	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	127		70-130
Toluene-d8	130		70-130
4-Bromofluorobenzene	138	Q	70-130
Dibromofluoromethane	110		70-130

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-13 R
 Client ID: SHEETER PIT #3-NW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 08:55
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/15/19 11:38
 Analyst: JC
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	1.5		ug/kg	1.1	0.62	1
Ethylbenzene	0.90	J	ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-13 R
 Client ID: SHEETER PIT #3-NW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 08:55
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	3.3		ug/kg	2.3	0.64	1
o-Xylene	0.83	J	ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	49		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
2-Hexanone	ND		ug/kg	11	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	11	0.62	1
1,4-Dioxane	ND		ug/kg	92	40.	1
Freon-113	ND		ug/kg	4.6	0.79	1
Methyl cyclohexane	ND		ug/kg	4.6	0.69	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	128		70-130
4-Bromofluorobenzene	141	Q	70-130
Dibromofluoromethane	106		70-130

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-14
 Client ID: SHEETER PIT #3-WW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:00
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/15/19 10:47
 Analyst: JC
 Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.3	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.63	0.25	1
Chlorobenzene	ND		ug/kg	0.63	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.63	0.21	1
Bromodichloromethane	ND		ug/kg	0.63	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.63	0.20	1
Bromoform	ND		ug/kg	5.1	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.63	0.21	1
Benzene	ND		ug/kg	0.63	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.5	0.74	1
Vinyl chloride	ND		ug/kg	1.3	0.42	1
Chloroethane	ND		ug/kg	2.5	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	ND		ug/kg	0.63	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-14
 Client ID: SHEETER PIT #3-WW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:00
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.71	1
o-Xylene	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	36		ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.35	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
Methyl Acetate	ND		ug/kg	5.1	1.2	1
Cyclohexane	ND		ug/kg	13	0.69	1
1,4-Dioxane	ND		ug/kg	100	44.	1
Freon-113	ND		ug/kg	5.1	0.88	1
Methyl cyclohexane	ND		ug/kg	5.1	0.76	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	96		70-130

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-15
 Client ID: SHEETER PIT #3-SW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:05
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/15/19 00:16
 Analyst: JC
 Percent Solids: 98%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	1.3		ug/kg	1.2	0.63	1
Ethylbenzene	0.56	J	ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-15
 Client ID: SHEETER PIT #3-SW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:05
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	2.3		ug/kg	2.3	0.65	1
o-Xylene	0.57	J	ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	110		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	12	0.63	1
1,4-Dioxane	ND		ug/kg	93	41.	1
Freon-113	ND		ug/kg	4.6	0.80	1
Methyl cyclohexane	ND		ug/kg	4.6	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	131	Q	70-130
Toluene-d8	130		70-130
4-Bromofluorobenzene	145	Q	70-130
Dibromofluoromethane	110		70-130

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-15 R
 Client ID: SHEETER PIT #3-SW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:05
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/15/19 12:30
 Analyst: NLK
 Percent Solids: 98%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	1.2		ug/kg	0.98	0.53	1
Ethylbenzene	0.52	J	ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-15 R
 Client ID: SHEETER PIT #3-SW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:05
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	2.0		ug/kg	2.0	0.55	1
o-Xylene	0.53	J	ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.89	1
Acetone	74		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.4	1
2-Butanone	ND		ug/kg	9.8	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.26	1
Methyl Acetate	ND		ug/kg	3.9	0.93	1
Cyclohexane	ND		ug/kg	9.8	0.53	1
1,4-Dioxane	ND		ug/kg	78	34.	1
Freon-113	ND		ug/kg	3.9	0.68	1
Methyl cyclohexane	ND		ug/kg	3.9	0.59	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	130		70-130
4-Bromofluorobenzene	148	Q	70-130
Dibromofluoromethane	107		70-130

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-16
 Client ID: SHEETER PIT #3-BOTTOM
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:15
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/15/19 12:56
 Analyst: NLK
 Percent Solids: 98%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.31	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	1.1		ug/kg	1.1	0.62	1
Ethylbenzene	0.40	J	ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-16
 Client ID: SHEETER PIT #3-BOTTOM
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:15
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	1.6	J	ug/kg	2.3	0.64	1
o-Xylene	0.45	J	ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	98		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
2-Hexanone	ND		ug/kg	11	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	11	0.62	1
1,4-Dioxane	ND		ug/kg	92	40.	1
Freon-113	ND		ug/kg	4.6	0.80	1
Methyl cyclohexane	ND		ug/kg	4.6	0.69	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	121		70-130
Dibromofluoromethane	103		70-130

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-17
 Client ID: SHEETER PIT#3-EW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:10
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/15/19 11:13
 Analyst: JC
 Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-17
 Client ID: SHEETER PIT#3-EW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:10
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	20		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.95	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
Methyl Acetate	ND		ug/kg	3.8	0.90	1
Cyclohexane	ND		ug/kg	9.5	0.52	1
1,4-Dioxane	ND		ug/kg	76	33.	1
Freon-113	ND		ug/kg	3.8	0.66	1
Methyl cyclohexane	ND		ug/kg	3.8	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	97		70-130

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/07/19 09:33
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1213426-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	0.65	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/07/19 09:33
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1213426-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 03/07/19 09:33
 Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1213426-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/14/19 19:46
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11-12 Batch: WG1215877-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/14/19 19:46
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11-12 Batch: WG1215877-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 03/14/19 19:46
 Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11-12 Batch: WG1215877-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	93		70-130

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 03/15/19 09:29
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,08,14,17 Batch: WG1215991-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15



Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/15/19 09:29
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,08,14,17 Batch: WG1215991-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	0.26	J	ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 03/15/19 09:29
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,08,14,17 Batch: WG1215991-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	93		70-130

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 03/15/19 09:03
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,05,13,15-16 Batch: WG1215999-10					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15



Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/15/19 09:03
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,05,13,15-16 Batch: WG1215999-10					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	0.23	J	ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 03/15/19 09:03
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03,05,13,15-16 Batch: WG1215999-10					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	98		70-130

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/14/19 20:22
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03-05,13,15 Batch: WG1215999-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15



Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/14/19 20:22
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03-05,13,15 Batch: WG1215999-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
 Analytical Date: 03/14/19 20:22
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03-05,13,15 Batch: WG1215999-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 03/14/19 20:22
 Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06-07,09-10 Batch: WG1216002-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4



Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/14/19 20:22
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06-07,09-10 Batch: WG1216002-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 03/14/19 20:22

Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 06-07,09-10 Batch: WG1216002-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/15/19 09:29
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04 Batch: WG1216204-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/15/19 09:29
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04 Batch: WG1216204-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	13	J	ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 03/15/19 09:29
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04 Batch: WG1216204-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	93		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1213426-3 WG1213426-4								
Methylene chloride	88		89		70-130	1		30
1,1-Dichloroethane	95		95		70-130	0		30
Chloroform	96		96		70-130	0		30
Carbon tetrachloride	100		99		70-130	1		30
1,2-Dichloropropane	95		97		70-130	2		30
Dibromochloromethane	93		95		70-130	2		30
1,1,2-Trichloroethane	93		93		70-130	0		30
Tetrachloroethene	91		90		70-130	1		30
Chlorobenzene	90		90		70-130	0		30
Trichlorofluoromethane	125		122		70-139	2		30
1,2-Dichloroethane	96		98		70-130	2		30
1,1,1-Trichloroethane	100		99		70-130	1		30
Bromodichloromethane	101		101		70-130	0		30
trans-1,3-Dichloropropene	94		93		70-130	1		30
cis-1,3-Dichloropropene	99		100		70-130	1		30
Bromoform	92		93		70-130	1		30
1,1,2,2-Tetrachloroethane	90		91		70-130	1		30
Benzene	93		93		70-130	0		30
Toluene	88		87		70-130	1		30
Ethylbenzene	92		91		70-130	1		30
Chloromethane	84		83		52-130	1		30
Bromomethane	148	Q	139		57-147	6		30
Vinyl chloride	87		87		67-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1213426-3 WG1213426-4								
Chloroethane	142		136		50-151	4		30
1,1-Dichloroethene	122		128		65-135	5		30
trans-1,2-Dichloroethene	95		94		70-130	1		30
Trichloroethene	95		95		70-130	0		30
1,2-Dichlorobenzene	90		90		70-130	0		30
1,3-Dichlorobenzene	91		90		70-130	1		30
1,4-Dichlorobenzene	89		88		70-130	1		30
Methyl tert butyl ether	97		98		66-130	1		30
p/m-Xylene	92		91		70-130	1		30
o-Xylene	92		92		70-130	0		30
cis-1,2-Dichloroethene	95		95		70-130	0		30
Styrene	92		93		70-130	1		30
Dichlorodifluoromethane	78		77		30-146	1		30
Acetone	90		101		54-140	12		30
Carbon disulfide	124		124		59-130	0		30
2-Butanone	93		104		70-130	11		30
4-Methyl-2-pentanone	94		98		70-130	4		30
2-Hexanone	95		95		70-130	0		30
Bromochloromethane	96		99		70-130	3		30
1,2-Dibromoethane	93		94		70-130	1		30
1,2-Dibromo-3-chloropropane	91		93		68-130	2		30
Isopropylbenzene	88		87		70-130	1		30
1,2,3-Trichlorobenzene	92		91		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Project Number: E1605

Lab Number: L1908144

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1213426-3 WG1213426-4								
1,2,4-Trichlorobenzene	94		93		70-130	1		30
Methyl Acetate	92		98		51-146	6		30
Cyclohexane	95		94		59-142	1		30
1,4-Dioxane	109		111		65-136	2		30
Freon-113	126		125		50-139	1		30
Methyl cyclohexane	95		93		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		102		70-130
Toluene-d8	95		94		70-130
4-Bromofluorobenzene	96		98		70-130
Dibromofluoromethane	103		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-12 Batch: WG1215877-3 WG1215877-4								
Methylene chloride	97		97		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	100		99		70-130	1		20
Dibromochloromethane	81		82		63-130	1		20
1,1,2-Trichloroethane	94		95		70-130	1		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	100		98		62-150	2		20
1,2-Dichloroethane	93		92		70-130	1		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	94		96		67-130	2		20
trans-1,3-Dichloropropene	88		88		70-130	0		20
cis-1,3-Dichloropropene	91		90		70-130	1		20
Bromoform	79		81		54-136	3		20
1,1,2,2-Tetrachloroethane	89		90		67-130	1		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	110		100		70-130	10		20
Chloromethane	92		86		64-130	7		20
Bromomethane	65		69		39-139	6		20
Vinyl chloride	98		93		55-140	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-12 Batch: WG1215877-3 WG1215877-4								
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	100		98		61-145	2		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	99		95		70-130	4		20
1,2-Dichlorobenzene	100		99		70-130	1		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	91		92		63-130	1		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	110		105		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	96		92		36-147	4		20
Acetone	82		81		58-148	1		20
Carbon disulfide	99		95		51-130	4		20
2-Butanone	92		80		63-138	14		20
4-Methyl-2-pentanone	79		82		59-130	4		20
2-Hexanone	77		80		57-130	4		20
Bromochloromethane	96		95		70-130	1		20
1,2-Dibromoethane	93		94		70-130	1		20
1,2-Dibromo-3-chloropropane	81		80		41-144	1		20
Isopropylbenzene	110		110		70-130	0		20
1,2,3-Trichlorobenzene	82		85		70-130	4		20

Lab Control Sample Analysis Batch Quality Control

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-12 Batch: WG1215877-3 WG1215877-4								
1,2,4-Trichlorobenzene	90		90		70-130	0		20
Methyl Acetate	82		82		70-130	0		20
Cyclohexane	100		97		70-130	3		20
1,4-Dioxane	86		82		56-162	5		20
Freon-113	100		98		70-130	2		20
Methyl cyclohexane	100		96		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		93		70-130
Toluene-d8	103		104		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	96		96		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,08,14,17 Batch: WG1215991-3 WG1215991-4								
Methylene chloride	96		95		70-130	1		30
1,1-Dichloroethane	89		87		70-130	2		30
Chloroform	84		82		70-130	2		30
Carbon tetrachloride	82		81		70-130	1		30
1,2-Dichloropropane	88		86		70-130	2		30
Dibromochloromethane	82		81		70-130	1		30
1,1,2-Trichloroethane	86		85		70-130	1		30
Tetrachloroethene	81		79		70-130	3		30
Chlorobenzene	79		78		70-130	1		30
Trichlorofluoromethane	82		80		70-139	2		30
1,2-Dichloroethane	89		87		70-130	2		30
1,1,1-Trichloroethane	83		82		70-130	1		30
Bromodichloromethane	82		80		70-130	2		30
trans-1,3-Dichloropropene	86		85		70-130	1		30
cis-1,3-Dichloropropene	82		82		70-130	0		30
Bromoform	81		80		70-130	1		30
1,1,2,2-Tetrachloroethane	83		83		70-130	0		30
Benzene	82		81		70-130	1		30
Toluene	83		81		70-130	2		30
Ethylbenzene	82		81		70-130	1		30
Chloromethane	103		101		52-130	2		30
Bromomethane	98		94		57-147	4		30
Vinyl chloride	87		86		67-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,08,14,17 Batch: WG1215991-3 WG1215991-4								
Chloroethane	84		83		50-151	1		30
1,1-Dichloroethene	83		81		65-135	2		30
trans-1,2-Dichloroethene	84		82		70-130	2		30
Trichloroethene	82		80		70-130	2		30
1,2-Dichlorobenzene	80		79		70-130	1		30
1,3-Dichlorobenzene	79		78		70-130	1		30
1,4-Dichlorobenzene	79		78		70-130	1		30
Methyl tert butyl ether	87		86		66-130	1		30
p/m-Xylene	80		78		70-130	3		30
o-Xylene	79		77		70-130	3		30
cis-1,2-Dichloroethene	84		81		70-130	4		30
Styrene	79		77		70-130	3		30
Dichlorodifluoromethane	80		78		30-146	3		30
Acetone	110		106		54-140	4		30
Carbon disulfide	90		88		59-130	2		30
2-Butanone	97		93		70-130	4		30
4-Methyl-2-pentanone	99		95		70-130	4		30
2-Hexanone	92		89		70-130	3		30
Bromochloromethane	81		81		70-130	0		30
1,2-Dibromoethane	84		82		70-130	2		30
1,2-Dibromo-3-chloropropane	82		82		68-130	0		30
Isopropylbenzene	81		80		70-130	1		30
1,2,3-Trichlorobenzene	82		80		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Project Number: E1605

Lab Number: L1908144

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,08,14,17 Batch: WG1215991-3 WG1215991-4								
1,2,4-Trichlorobenzene	81		80		70-130	1		30
Methyl Acetate	97		93		51-146	4		30
Cyclohexane	90		87		59-142	3		30
1,4-Dioxane	114		108		65-136	5		30
Freon-113	84		80		50-139	5		30
Methyl cyclohexane	83		79		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		103		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	98		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-05,13,15 Batch: WG1215999-3 WG1215999-4								
Methylene chloride	87		86		70-130	1		30
1,1-Dichloroethane	104		103		70-130	1		30
Chloroform	97		96		70-130	1		30
Carbon tetrachloride	90		91		70-130	1		30
1,2-Dichloropropane	103		105		70-130	2		30
Dibromochloromethane	94		94		70-130	0		30
1,1,2-Trichloroethane	103		105		70-130	2		30
Tetrachloroethene	92		91		70-130	1		30
Chlorobenzene	95		96		70-130	1		30
Trichlorofluoromethane	76		75		70-139	1		30
1,2-Dichloroethane	108		109		70-130	1		30
1,1,1-Trichloroethane	94		94		70-130	0		30
Bromodichloromethane	96		96		70-130	0		30
trans-1,3-Dichloropropene	104		105		70-130	1		30
cis-1,3-Dichloropropene	96		96		70-130	0		30
Bromoform	91		93		70-130	2		30
1,1,2,2-Tetrachloroethane	98		99		70-130	1		30
Benzene	96		96		70-130	0		30
Toluene	101		101		70-130	0		30
Ethylbenzene	101		101		70-130	0		30
Chloromethane	114		113		52-130	1		30
Bromomethane	85		84		57-147	1		30
Vinyl chloride	92		92		67-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-05,13,15 Batch: WG1215999-3 WG1215999-4								
Chloroethane	102		100		50-151	2		30
1,1-Dichloroethene	86		86		65-135	0		30
trans-1,2-Dichloroethene	86		86		70-130	0		30
Trichloroethene	93		94		70-130	1		30
1,2-Dichlorobenzene	94		94		70-130	0		30
1,3-Dichlorobenzene	98		98		70-130	0		30
1,4-Dichlorobenzene	96		96		70-130	0		30
Methyl tert butyl ether	87		89		66-130	2		30
p/m-Xylene	98		98		70-130	0		30
o-Xylene	96		97		70-130	1		30
cis-1,2-Dichloroethene	88		88		70-130	0		30
Styrene	97		97		70-130	0		30
Dichlorodifluoromethane	92		92		30-146	0		30
Acetone	110		113		54-140	3		30
Carbon disulfide	101		101		59-130	0		30
2-Butanone	116		121		70-130	4		30
4-Methyl-2-pentanone	95		96		70-130	1		30
2-Hexanone	100		103		70-130	3		30
Bromochloromethane	91		91		70-130	0		30
1,2-Dibromoethane	94		94		70-130	0		30
1,2-Dibromo-3-chloropropane	84		86		68-130	2		30
Isopropylbenzene	97		98		70-130	1		30
1,2,3-Trichlorobenzene	88		88		70-130	0		30

Lab Control Sample Analysis Batch Quality Control

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03-05,13,15 Batch: WG1215999-3 WG1215999-4								
1,2,4-Trichlorobenzene	88		87		70-130	1		30
Methyl Acetate	119		122		51-146	2		30
Cyclohexane	107		106		59-142	1		30
1,4-Dioxane	94		98		65-136	4		30
Freon-113	89		88		50-139	1		30
Methyl cyclohexane	90		89		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		112		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	95		95		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,05,13,15-16 Batch: WG1215999-8 WG1215999-9								
Methylene chloride	97		97		70-130	0		30
1,1-Dichloroethane	101		102		70-130	1		30
Chloroform	98		99		70-130	1		30
Carbon tetrachloride	88		90		70-130	2		30
1,2-Dichloropropane	102		103		70-130	1		30
Dibromochloromethane	94		95		70-130	1		30
1,1,2-Trichloroethane	105		104		70-130	1		30
Tetrachloroethene	89		89		70-130	0		30
Chlorobenzene	92		93		70-130	1		30
Trichlorofluoromethane	74		75		70-139	1		30
1,2-Dichloroethane	111		110		70-130	1		30
1,1,1-Trichloroethane	92		92		70-130	0		30
Bromodichloromethane	95		95		70-130	0		30
trans-1,3-Dichloropropene	106		106		70-130	0		30
cis-1,3-Dichloropropene	96		97		70-130	1		30
Bromoform	94		92		70-130	2		30
1,1,2,2-Tetrachloroethane	104		101		70-130	3		30
Benzene	93		94		70-130	1		30
Toluene	96		98		70-130	2		30
Ethylbenzene	96		98		70-130	2		30
Chloromethane	116		116		52-130	0		30
Bromomethane	89		89		57-147	0		30
Vinyl chloride	90		92		67-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,05,13,15-16 Batch: WG1215999-8 WG1215999-9								
Chloroethane	96		98		50-151	2		30
1,1-Dichloroethene	87		88		65-135	1		30
trans-1,2-Dichloroethene	85		86		70-130	1		30
Trichloroethene	90		92		70-130	2		30
1,2-Dichlorobenzene	93		93		70-130	0		30
1,3-Dichlorobenzene	94		94		70-130	0		30
1,4-Dichlorobenzene	94		93		70-130	1		30
Methyl tert butyl ether	94		94		66-130	0		30
p/m-Xylene	94		95		70-130	1		30
o-Xylene	92		93		70-130	1		30
cis-1,2-Dichloroethene	88		87		70-130	1		30
Styrene	92		93		70-130	1		30
Dichlorodifluoromethane	89		91		30-146	2		30
Acetone	129		132		54-140	2		30
Carbon disulfide	103		104		59-130	1		30
2-Butanone	132	Q	129		70-130	2		30
4-Methyl-2-pentanone	106		103		70-130	3		30
2-Hexanone	111		109		70-130	2		30
Bromochloromethane	91		92		70-130	1		30
1,2-Dibromoethane	97		98		70-130	1		30
1,2-Dibromo-3-chloropropane	91		93		68-130	2		30
Isopropylbenzene	93		93		70-130	0		30
1,2,3-Trichlorobenzene	90		88		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Project Number: E1605

Lab Number: L1908144

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03,05,13,15-16 Batch: WG1215999-8 WG1215999-9								
1,2,4-Trichlorobenzene	86		86		70-130	0		30
Methyl Acetate	130		130		51-146	0		30
Cyclohexane	106		106		59-142	0		30
1,4-Dioxane	98		96		65-136	2		30
Freon-113	90		89		50-139	1		30
Methyl cyclohexane	88		89		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	116		115		70-130
Toluene-d8	102		104		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	97		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06-07,09-10 Batch: WG1216002-3 WG1216002-4								
Methylene chloride	87		86		70-130	1		30
1,1-Dichloroethane	104		103		70-130	1		30
Chloroform	97		96		70-130	1		30
Carbon tetrachloride	90		91		70-130	1		30
1,2-Dichloropropane	103		105		70-130	2		30
Dibromochloromethane	94		94		70-130	0		30
1,1,2-Trichloroethane	103		105		70-130	2		30
Tetrachloroethene	92		91		70-130	1		30
Chlorobenzene	95		96		70-130	1		30
Trichlorofluoromethane	76		75		70-139	1		30
1,2-Dichloroethane	108		109		70-130	1		30
1,1,1-Trichloroethane	94		94		70-130	0		30
Bromodichloromethane	96		96		70-130	0		30
trans-1,3-Dichloropropene	104		105		70-130	1		30
cis-1,3-Dichloropropene	96		96		70-130	0		30
Bromoform	91		93		70-130	2		30
1,1,2,2-Tetrachloroethane	98		99		70-130	1		30
Benzene	96		96		70-130	0		30
Toluene	101		101		70-130	0		30
Ethylbenzene	101		101		70-130	0		30
Chloromethane	114		113		52-130	1		30
Bromomethane	85		84		57-147	1		30
Vinyl chloride	92		92		67-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06-07,09-10 Batch: WG1216002-3 WG1216002-4								
Chloroethane	102		100		50-151	2		30
1,1-Dichloroethene	86		86		65-135	0		30
trans-1,2-Dichloroethene	86		86		70-130	0		30
Trichloroethene	93		94		70-130	1		30
1,2-Dichlorobenzene	94		94		70-130	0		30
1,3-Dichlorobenzene	98		98		70-130	0		30
1,4-Dichlorobenzene	96		96		70-130	0		30
Methyl tert butyl ether	87		89		66-130	2		30
p/m-Xylene	98		98		70-130	0		30
o-Xylene	96		97		70-130	1		30
cis-1,2-Dichloroethene	88		88		70-130	0		30
Styrene	97		97		70-130	0		30
Dichlorodifluoromethane	92		92		30-146	0		30
Acetone	110		113		54-140	3		30
Carbon disulfide	101		101		59-130	0		30
2-Butanone	116		121		70-130	4		30
4-Methyl-2-pentanone	95		96		70-130	1		30
2-Hexanone	100		103		70-130	3		30
Bromochloromethane	91		91		70-130	0		30
1,2-Dibromoethane	94		94		70-130	0		30
1,2-Dibromo-3-chloropropane	84		86		68-130	2		30
Isopropylbenzene	97		98		70-130	1		30
1,2,3-Trichlorobenzene	88		88		70-130	0		30

Lab Control Sample Analysis Batch Quality Control

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 06-07,09-10 Batch: WG1216002-3 WG1216002-4								
1,2,4-Trichlorobenzene	88		87		70-130	1		30
Methyl Acetate	119		122		51-146	2		30
Cyclohexane	107		106		59-142	1		30
1,4-Dioxane	94		98		65-136	4		30
Freon-113	89		88		50-139	1		30
Methyl cyclohexane	90		89		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		112		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	95		95		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04 Batch: WG1216204-3 WG1216204-4								
Methylene chloride	96		95		70-130	1		30
1,1-Dichloroethane	89		87		70-130	2		30
Chloroform	84		82		70-130	2		30
Carbon tetrachloride	82		81		70-130	1		30
1,2-Dichloropropane	88		86		70-130	2		30
Dibromochloromethane	82		81		70-130	1		30
1,1,2-Trichloroethane	86		85		70-130	1		30
Tetrachloroethene	81		79		70-130	3		30
Chlorobenzene	79		78		70-130	1		30
Trichlorofluoromethane	82		80		70-139	2		30
1,2-Dichloroethane	89		87		70-130	2		30
1,1,1-Trichloroethane	83		82		70-130	1		30
Bromodichloromethane	82		80		70-130	2		30
trans-1,3-Dichloropropene	86		85		70-130	1		30
cis-1,3-Dichloropropene	82		82		70-130	0		30
Bromoform	81		80		70-130	1		30
1,1,2,2-Tetrachloroethane	83		83		70-130	0		30
Benzene	82		81		70-130	1		30
Toluene	83		81		70-130	2		30
Ethylbenzene	82		81		70-130	1		30
Chloromethane	103		101		52-130	2		30
Bromomethane	98		94		57-147	4		30
Vinyl chloride	87		86		67-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04 Batch: WG1216204-3 WG1216204-4								
Chloroethane	84		83		50-151	1		30
1,1-Dichloroethene	83		81		65-135	2		30
trans-1,2-Dichloroethene	84		82		70-130	2		30
Trichloroethene	82		80		70-130	2		30
1,2-Dichlorobenzene	80		79		70-130	1		30
1,3-Dichlorobenzene	79		78		70-130	1		30
1,4-Dichlorobenzene	79		78		70-130	1		30
Methyl tert butyl ether	87		86		66-130	1		30
p/m-Xylene	80		78		70-130	3		30
o-Xylene	79		77		70-130	3		30
cis-1,2-Dichloroethene	84		81		70-130	4		30
Styrene	79		77		70-130	3		30
Dichlorodifluoromethane	80		78		30-146	3		30
Acetone	110		106		54-140	4		30
Carbon disulfide	90		88		59-130	2		30
2-Butanone	97		93		70-130	4		30
4-Methyl-2-pentanone	99		95		70-130	4		30
2-Hexanone	92		89		70-130	3		30
Bromochloromethane	81		81		70-130	0		30
1,2-Dibromoethane	84		82		70-130	2		30
1,2-Dibromo-3-chloropropane	82		82		68-130	0		30
Isopropylbenzene	81		80		70-130	1		30
1,2,3-Trichlorobenzene	82		80		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Project Number: E1605

Lab Number: L1908144

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04 Batch: WG1216204-3 WG1216204-4								
1,2,4-Trichlorobenzene	81		80		70-130	1		30
Methyl Acetate	97		93		51-146	4		30
Cyclohexane	90		87		59-142	3		30
1,4-Dioxane	114		108		65-136	5		30
Freon-113	84		80		50-139	5		30
Methyl cyclohexane	83		79		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		103		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	98		97		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,08,14,17 QC Batch ID: WG1215991-6 WG1215991-7 QC Sample: L1908144-08 Client ID: AJ-EX-SW												
Methylene chloride	ND	109	73	67	Q	66	63	Q	70-130	10		30
1,1-Dichloroethane	ND	109	85	78		77	74		70-130	10		30
Chloroform	ND	109	74	68	Q	67	64	Q	70-130	10		30
Carbon tetrachloride	ND	109	83	76		75	71		70-130	10		30
1,2-Dichloropropane	ND	109	77	70		69	66	Q	70-130	10		30
Dibromochloromethane	ND	109	59	54	Q	53	51	Q	70-130	10		30
1,1,2-Trichloroethane	ND	109	65	60	Q	59	57	Q	70-130	10		30
Tetrachloroethene	ND	109	61	56	Q	54	52	Q	70-130	12		30
Chlorobenzene	ND	109	45	41	Q	40	39	Q	70-130	10		30
Trichlorofluoromethane	ND	109	90	82		81	77		70-139	11		30
1,2-Dichloroethane	ND	109	68	63	Q	62	59	Q	70-130	11		30
1,1,1-Trichloroethane	ND	109	84	77		76	72		70-130	10		30
Bromodichloromethane	ND	109	67	62	Q	60	58	Q	70-130	11		30
trans-1,3-Dichloropropene	ND	109	42	38	Q	38	37	Q	70-130	9		30
cis-1,3-Dichloropropene	ND	109	52	47	Q	47	45	Q	70-130	10		30
Bromoform	ND	109	60	55	Q	51	49	Q	70-130	15		30
1,1,2,2-Tetrachloroethane	ND	109	63	58	Q	54	51	Q	70-130	16		30
Benzene	ND	109	72	66	Q	65	62	Q	70-130	11		30
Toluene	ND	109	65	59	Q	58	56	Q	70-130	11		30
Ethylbenzene	ND	109	61	56	Q	54	52	Q	70-130	11		30
Chloromethane	ND	109	110	98		99	94		52-130	8		30
Bromomethane	ND	109	95	88		90	86		57-147	6		30
Vinyl chloride	ND	109	92	84		81	78		67-130	12		30

Matrix Spike Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,08,14,17 QC Batch ID: WG1215991-6 WG1215991-7 QC Sample: L1908144-08 Client ID: AJ-EX-SW												
Chloroethane	ND	109	93	85		82	79		50-151	12		30
1,1-Dichloroethene	ND	109	78	72		69	66		65-135	13		30
trans-1,2-Dichloroethene	ND	109	62	57	Q	55	53	Q	70-130	12		30
Trichloroethene	0.61	109	64	58	Q	56	53	Q	70-130	13		30
1,2-Dichlorobenzene	ND	109	32	29	Q	29	28	Q	70-130	9		30
1,3-Dichlorobenzene	ND	109	32	29	Q	30	28	Q	70-130	7		30
1,4-Dichlorobenzene	ND	109	29	27	Q	27	26	Q	70-130	8		30
Methyl tert butyl ether	ND	109	85	78		76	73		66-130	11		30
p/m-Xylene	ND	218	110	52	Q	100	48	Q	70-130	11		30
o-Xylene	ND	218	120	53	Q	100	49	Q	70-130	11		30
cis-1,2-Dichloroethene	ND	109	61	56	Q	54	52	Q	70-130	11		30
Styrene	ND	218	80	36	Q	73	35	Q	70-130	8		30
Dichlorodifluoromethane	ND	109	86	79		80	76		30-146	8		30
Acetone	ND	109	110	103		94	90		54-140	17		30
Carbon disulfide	ND	109	69	64		59	56	Q	59-130	16		30
2-Butanone	ND	109	92	85		78	74		70-130	17		30
4-Methyl-2-pentanone	ND	109	89	81		77	74		70-130	13		30
2-Hexanone	ND	109	70	64	Q	59	57	Q	70-130	16		30
Bromochloromethane	ND	109	61	56	Q	55	52	Q	70-130	11		30
1,2-Dibromoethane	ND	109	48	44	Q	43	41	Q	70-130	10		30
1,2-Dibromo-3-chloropropane	ND	109	52	48	Q	42	40	Q	68-130	21		30
Isopropylbenzene	ND	109	72	67	Q	63	60	Q	70-130	15		30
1,2,3-Trichlorobenzene	ND	109	15	14	Q	15	14	Q	70-130	3		30

Matrix Spike Analysis Batch Quality Control

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,08,14,17 QC Batch ID: WG1215991-6 WG1215991-7 QC Sample: L1908144-08 Client ID: AJ-EX-SW												
1,2,4-Trichlorobenzene	ND	109	16	14	Q	15	15	Q	70-130	1		30
Methyl Acetate	ND	109	150	138		130	128		51-146	11		30
Cyclohexane	ND	109	91	84		81	78		59-142	12		30
1,4-Dioxane	ND	5440	8000	146	Q	5600	107		65-136	35	Q	30
Freon-113	ND	109	89	82		80	76		50-139	11		30
Methyl cyclohexane	ND	109	73	67	Q	64	62	Q	70-130	13		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		107		70-130
4-Bromofluorobenzene	111		108		70-130
Dibromofluoromethane	98		98		70-130
Toluene-d8	103		102		70-130



SEMIVOLATILES

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-01 D2
 Client ID: DC-EX-BOTTOM
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 02/27/19 13:00
 Date Received: 03/01/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/18/19 12:17
 Analyst: RC
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 03/05/19 01:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	42000		ug/kg	1100	210	10
Benzo(b)fluoranthene	25000		ug/kg	1100	310	10
Phenanthrene	27000		ug/kg	1100	220	10
Pyrene	34000		ug/kg	1100	180	10

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-01 D
 Client ID: DC-EX-BOTTOM
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 02/27/19 13:00
 Date Received: 03/01/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/05/19 20:42
 Analyst: JG
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 03/05/19 01:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1600		ug/kg	290	38.	2
Hexachlorobenzene	ND		ug/kg	220	41.	2
Bis(2-chloroethyl)ether	ND		ug/kg	330	49.	2
2-Chloronaphthalene	ND		ug/kg	360	36.	2
3,3'-Dichlorobenzidine	ND		ug/kg	360	97.	2
2,4-Dinitrotoluene	ND		ug/kg	360	73.	2
2,6-Dinitrotoluene	ND		ug/kg	360	63.	2
Fluoranthene	29000	E	ug/kg	220	42.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	360	39.	2
4-Bromophenyl phenyl ether	ND		ug/kg	360	56.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	440	62.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	390	36.	2
Hexachlorobutadiene	ND		ug/kg	360	53.	2
Hexachlorocyclopentadiene	ND		ug/kg	1000	330	2
Hexachloroethane	ND		ug/kg	290	59.	2
Isophorone	ND		ug/kg	330	47.	2
Naphthalene	930		ug/kg	360	44.	2
Nitrobenzene	ND		ug/kg	330	54.	2
NDPA/DPA	ND		ug/kg	290	42.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	360	56.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	360	130	2
Butyl benzyl phthalate	ND		ug/kg	360	92.	2
Di-n-butylphthalate	ND		ug/kg	360	69.	2
Di-n-octylphthalate	ND		ug/kg	360	120	2
Diethyl phthalate	ND		ug/kg	360	34.	2
Dimethyl phthalate	ND		ug/kg	360	77.	2
Benzo(a)anthracene	14000		ug/kg	220	41.	2
Benzo(a)pyrene	12000		ug/kg	290	89.	2

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-01 D
 Client ID: DC-EX-BOTTOM
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 02/27/19 13:00
 Date Received: 03/01/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	16000	E	ug/kg	220	61.	2
Benzo(k)fluoranthene	5000		ug/kg	220	58.	2
Chrysene	12000		ug/kg	220	38.	2
Acenaphthylene	650		ug/kg	290	56.	2
Anthracene	5200		ug/kg	220	71.	2
Benzo(ghi)perylene	6400		ug/kg	290	43.	2
Fluorene	2000		ug/kg	360	35.	2
Phenanthrene	18000	E	ug/kg	220	44.	2
Dibenzo(a,h)anthracene	1700		ug/kg	220	42.	2
Indeno(1,2,3-cd)pyrene	7800		ug/kg	290	51.	2
Pyrene	23000	E	ug/kg	220	36.	2
Biphenyl	150	J	ug/kg	830	85.	2
4-Chloroaniline	ND		ug/kg	360	66.	2
2-Nitroaniline	ND		ug/kg	360	70.	2
3-Nitroaniline	ND		ug/kg	360	69.	2
4-Nitroaniline	ND		ug/kg	360	150	2
Dibenzofuran	1200		ug/kg	360	34.	2
2-Methylnaphthalene	490		ug/kg	440	44.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	360	38.	2
Acetophenone	ND		ug/kg	360	45.	2
2,4,6-Trichlorophenol	ND		ug/kg	220	69.	2
p-Chloro-m-cresol	ND		ug/kg	360	54.	2
2-Chlorophenol	ND		ug/kg	360	43.	2
2,4-Dichlorophenol	ND		ug/kg	330	59.	2
2,4-Dimethylphenol	ND		ug/kg	360	120	2
2-Nitrophenol	ND		ug/kg	790	140	2
4-Nitrophenol	ND		ug/kg	510	150	2
2,4-Dinitrophenol	ND		ug/kg	1800	170	2
4,6-Dinitro-o-cresol	ND		ug/kg	950	180	2
Pentachlorophenol	ND		ug/kg	290	80.	2
Phenol	ND		ug/kg	360	55.	2
2-Methylphenol	ND		ug/kg	360	56.	2
3-Methylphenol/4-Methylphenol	75	J	ug/kg	520	57.	2
2,4,5-Trichlorophenol	ND		ug/kg	360	70.	2
Carbazole	2200		ug/kg	360	35.	2
Atrazine	ND		ug/kg	290	130	2
Benzaldehyde	ND		ug/kg	480	98.	2

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-01 D
 Client ID: DC-EX-BOTTOM
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 02/27/19 13:00
 Date Received: 03/01/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	360	110	2
2,3,4,6-Tetrachlorophenol	ND		ug/kg	360	74.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	57		18-120

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-02
 Client ID: DC-EX-NW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:00
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/11/19 06:34
 Analyst: RC
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 03/08/19 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	89	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	58	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	93	J	ug/kg	110	21.	1
Benzo(a)pyrene	100	J	ug/kg	150	45.	1

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-02
 Client ID: DC-EX-NW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:00
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	100	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	87	J	ug/kg	110	30.	1
Chrysene	110		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	76	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	82	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	74	J	ug/kg	150	26.	1
Pyrene	80	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	25	J	ug/kg	190	18.	1
2-Methylnaphthalene	67	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-02
 Client ID: DC-EX-NW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:00
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	90		18-120

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-03
 Client ID: DC-EX-EW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:15
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/11/19 15:31
 Analyst: IM
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 03/08/19 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	19	J	ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	280		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	22	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	140		ug/kg	110	20.	1
Benzo(a)pyrene	100	J	ug/kg	140	44.	1

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-03
 Client ID: DC-EX-EW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:15
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	140		ug/kg	110	30.	1
Benzo(k)fluoranthene	58	J	ug/kg	110	29.	1
Chrysene	120		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	52	J	ug/kg	110	35.	1
Benzo(ghi)perylene	55	J	ug/kg	140	21.	1
Fluorene	28	J	ug/kg	180	18.	1
Phenanthrene	220		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	57	J	ug/kg	140	25.	1
Pyrene	210		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	22	J	ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	22	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-03
 Client ID: DC-EX-EW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:15
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	94		18-120

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-04
 Client ID: DC-EX-SW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:25
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/11/19 15:06
 Analyst: IM
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 03/08/19 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	590		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	45	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	330		ug/kg	110	21.	1
Benzo(a)pyrene	280		ug/kg	150	46.	1

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-04
 Client ID: DC-EX-SW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:25
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	380		ug/kg	110	32.	1
Benzo(k)fluoranthene	150		ug/kg	110	30.	1
Chrysene	350		ug/kg	110	20.	1
Acenaphthylene	70	J	ug/kg	150	29.	1
Anthracene	62	J	ug/kg	110	36.	1
Benzo(ghi)perylene	140	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	270		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	36	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	160		ug/kg	150	26.	1
Pyrene	460		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	27	J	ug/kg	190	18.	1
2-Methylnaphthalene	49	J	ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	22	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-04

Date Collected: 03/06/19 10:25

Client ID: DC-EX-SW

Date Received: 03/07/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	86		18-120

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-05
 Client ID: DC-EX-SW DUPLICATE
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:25
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/11/19 16:47
 Analyst: IM
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 03/08/19 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	19	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	1100		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	47	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	590		ug/kg	110	21.	1
Benzo(a)pyrene	440		ug/kg	150	46.	1

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-05
 Client ID: DC-EX-SW DUPLICATE
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:25
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	620		ug/kg	110	32.	1
Benzo(k)fluoranthene	250		ug/kg	110	30.	1
Chrysene	520		ug/kg	110	20.	1
Acenaphthylene	120	J	ug/kg	150	29.	1
Anthracene	140		ug/kg	110	37.	1
Benzo(ghi)perylene	220		ug/kg	150	22.	1
Fluorene	33	J	ug/kg	190	18.	1
Phenanthrene	580		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	54	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	280		ug/kg	150	26.	1
Pyrene	830		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	30	J	ug/kg	190	18.	1
2-Methylnaphthalene	39	J	ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	40	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-05
 Client ID: DC-EX-SW DUPLICATE
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:25
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	90		18-120

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-06 D
 Client ID: AJ-EX-BOTTOM
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:30
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/14/19 22:50
 Analyst: RC
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 03/08/19 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1400		ug/kg	710	92.	5
Hexachlorobenzene	ND		ug/kg	530	99.	5
Bis(2-chloroethyl)ether	ND		ug/kg	800	120	5
2-Chloronaphthalene	ND		ug/kg	880	88.	5
3,3'-Dichlorobenzidine	ND		ug/kg	880	240	5
2,4-Dinitrotoluene	ND		ug/kg	880	180	5
2,6-Dinitrotoluene	ND		ug/kg	880	150	5
Fluoranthene	18000		ug/kg	530	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	880	95.	5
4-Bromophenyl phenyl ether	ND		ug/kg	880	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	960	89.	5
Hexachlorobutadiene	ND		ug/kg	880	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2500	800	5
Hexachloroethane	ND		ug/kg	710	140	5
Isophorone	ND		ug/kg	800	110	5
Naphthalene	2900		ug/kg	880	110	5
Nitrobenzene	ND		ug/kg	800	130	5
NDPA/DPA	ND		ug/kg	710	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	880	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	880	310	5
Butyl benzyl phthalate	ND		ug/kg	880	220	5
Di-n-butylphthalate	ND		ug/kg	880	170	5
Di-n-octylphthalate	ND		ug/kg	880	300	5
Diethyl phthalate	ND		ug/kg	880	82.	5
Dimethyl phthalate	ND		ug/kg	880	180	5
Benzo(a)anthracene	7800		ug/kg	530	100	5
Benzo(a)pyrene	6900		ug/kg	710	220	5

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-06 D
 Client ID: AJ-EX-BOTTOM
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:30
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	10000		ug/kg	530	150	5
Benzo(k)fluoranthene	3400		ug/kg	530	140	5
Chrysene	8000		ug/kg	530	92.	5
Acenaphthylene	450	J	ug/kg	710	140	5
Anthracene	3800		ug/kg	530	170	5
Benzo(ghi)perylene	3600		ug/kg	710	100	5
Fluorene	2200		ug/kg	880	86.	5
Phenanthrene	16000		ug/kg	530	110	5
Dibenzo(a,h)anthracene	1000		ug/kg	530	100	5
Indeno(1,2,3-cd)pyrene	4000		ug/kg	710	120	5
Pyrene	13000		ug/kg	530	88.	5
Biphenyl	260	J	ug/kg	2000	200	5
4-Chloroaniline	ND		ug/kg	880	160	5
2-Nitroaniline	ND		ug/kg	880	170	5
3-Nitroaniline	ND		ug/kg	880	170	5
4-Nitroaniline	ND		ug/kg	880	370	5
Dibenzofuran	1700		ug/kg	880	84.	5
2-Methylnaphthalene	1000	J	ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	880	92.	5
Acetophenone	ND		ug/kg	880	110	5
2,4,6-Trichlorophenol	ND		ug/kg	530	170	5
p-Chloro-m-cresol	ND		ug/kg	880	130	5
2-Chlorophenol	ND		ug/kg	880	100	5
2,4-Dichlorophenol	ND		ug/kg	800	140	5
2,4-Dimethylphenol	ND		ug/kg	880	290	5
2-Nitrophenol	ND		ug/kg	1900	330	5
4-Nitrophenol	ND		ug/kg	1200	360	5
2,4-Dinitrophenol	ND		ug/kg	4200	410	5
4,6-Dinitro-o-cresol	ND		ug/kg	2300	420	5
Pentachlorophenol	ND		ug/kg	710	190	5
Phenol	ND		ug/kg	880	130	5
2-Methylphenol	ND		ug/kg	880	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5
2,4,5-Trichlorophenol	ND		ug/kg	880	170	5
Carbazole	2300		ug/kg	880	86.	5
Atrazine	ND		ug/kg	710	310	5
Benzaldehyde	ND		ug/kg	1200	240	5

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-06 D
 Client ID: AJ-EX-BOTTOM
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:30
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	880	270	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	880	180	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	87		18-120

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-07
 Client ID: AJ-EX-NW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:15
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/11/19 07:25
 Analyst: RC
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 03/08/19 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	3100		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	22000	E	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	1900		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	14000	E	ug/kg	110	20.	1
Benzo(a)pyrene	11000	E	ug/kg	140	43.	1

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-07
 Client ID: AJ-EX-NW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:15
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	16000	E	ug/kg	110	30.	1
Benzo(k)fluoranthene	3700		ug/kg	110	28.	1
Chrysene	12000	E	ug/kg	110	18.	1
Acenaphthylene	910		ug/kg	140	27.	1
Anthracene	5200		ug/kg	110	34.	1
Benzo(ghi)perylene	5900		ug/kg	140	21.	1
Fluorene	3300		ug/kg	180	17.	1
Phenanthrene	18000	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	2400		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	6800		ug/kg	140	25.	1
Pyrene	18000	E	ug/kg	110	18.	1
Biphenyl	310	J	ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	2300		ug/kg	180	17.	1
2-Methylnaphthalene	950		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	61	J	ug/kg	180	27.	1
2-Methylphenol	36	J	ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	100	J	ug/kg	250	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	3800		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-07
 Client ID: AJ-EX-NW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:15
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	111		10-136
4-Terphenyl-d14	105		18-120

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-07 D
 Client ID: AJ-EX-NW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:15
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/18/19 15:32
 Analyst: RC
 Percent Solids: 94%

Extraction Method: EPA 3546
 Extraction Date: 03/08/19 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	33000		ug/kg	1100	200	10
Benzo(a)anthracene	17000		ug/kg	1100	200	10
Benzo(a)pyrene	11000		ug/kg	1400	430	10
Benzo(b)fluoranthene	10000		ug/kg	1100	300	10
Chrysene	15000		ug/kg	1100	180	10
Phenanthrene	29000		ug/kg	1100	220	10
Pyrene	26000		ug/kg	1100	180	10

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-08
 Client ID: AJ-EX-SW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:35
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/11/19 07:50
 Analyst: RC
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 03/08/19 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	48	J	ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	1400		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	310		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	2000		ug/kg	110	20.	1
Benzo(a)pyrene	3300		ug/kg	140	44.	1

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-08
 Client ID: AJ-EX-SW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:35
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	4700		ug/kg	110	30.	1
Benzo(k)fluoranthene	2300		ug/kg	110	29.	1
Chrysene	2900		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	56	J	ug/kg	110	35.	1
Benzo(ghi)perylene	3900		ug/kg	140	21.	1
Fluorene	43	J	ug/kg	180	17.	1
Phenanthrene	460		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1100		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	3600		ug/kg	140	25.	1
Pyrene	1500		ug/kg	110	18.	1
Biphenyl	59	J	ug/kg	410	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	120	J	ug/kg	180	17.	1
2-Methylnaphthalene	370		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	51	J	ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	240	48.	1

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-08
 Client ID: AJ-EX-SW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:35
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	100		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	94		18-120

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-09
 Client ID: AJ-EX-EW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:20
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/11/19 17:38
 Analyst: IM
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 03/08/19 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	46	J	ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	1400		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	230		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	1800		ug/kg	110	20.	1
Benzo(a)pyrene	4000		ug/kg	140	43.	1

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-09
 Client ID: AJ-EX-EW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:20
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	6600		ug/kg	110	30.	1
Benzo(k)fluoranthene	1200		ug/kg	110	28.	1
Chrysene	2800		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	65	J	ug/kg	110	35.	1
Benzo(ghi)perylene	3800		ug/kg	140	21.	1
Fluorene	36	J	ug/kg	180	17.	1
Phenanthrene	400		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	670		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	3500		ug/kg	140	25.	1
Pyrene	1600		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	98	J	ug/kg	180	17.	1
2-Methylnaphthalene	260		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	37	J	ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-09
 Client ID: AJ-EX-EW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:20
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	91		18-120

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-10
 Client ID: AJ-EX-WW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:25
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/11/19 08:16
 Analyst: RC
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 03/08/19 20:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	48	J	ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	1000		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	180		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	1300		ug/kg	110	20.	1
Benzo(a)pyrene	2300		ug/kg	140	43.	1

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-10
 Client ID: AJ-EX-WW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:25
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	3100		ug/kg	110	30.	1
Benzo(k)fluoranthene	1500		ug/kg	110	28.	1
Chrysene	1900		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	66	J	ug/kg	110	34.	1
Benzo(ghi)perylene	2500		ug/kg	140	21.	1
Fluorene	47	J	ug/kg	180	17.	1
Phenanthrene	450		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	740		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	2300		ug/kg	140	25.	1
Pyrene	1000		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	88	J	ug/kg	180	17.	1
2-Methylnaphthalene	240		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	56	J	ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-10
Client ID: AJ-EX-WW
Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:25
Date Received: 03/07/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	88		18-120

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-12
 Client ID: EQUIPMENT RINSATE (031119)
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:25
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 03/13/19 23:08
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 03/12/19 23:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.59	1
Hexachlorobenzene	ND		ug/l	2.0	0.58	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
2-Chloronaphthalene	ND		ug/l	2.0	0.64	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
Fluoranthene	ND		ug/l	2.0	0.57	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorobutadiene	ND		ug/l	2.0	0.72	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Hexachloroethane	ND		ug/l	2.0	0.68	1
Isophorone	ND		ug/l	5.0	0.60	1
Naphthalene	ND		ug/l	2.0	0.68	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Benzo(a)anthracene	ND		ug/l	2.0	0.61	1
Benzo(a)pyrene	ND		ug/l	2.0	0.54	1

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-12
 Client ID: EQUIPMENT RINSATE (031119)
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:25
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/l	2.0	0.64	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.60	1
Chrysene	ND		ug/l	2.0	0.54	1
Acenaphthylene	ND		ug/l	2.0	0.66	1
Anthracene	ND		ug/l	2.0	0.64	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.61	1
Fluorene	ND		ug/l	2.0	0.62	1
Phenanthrene	ND		ug/l	2.0	0.61	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.55	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.71	1
Pyrene	ND		ug/l	2.0	0.57	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
2-Methylnaphthalene	ND		ug/l	2.0	0.72	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Pentachlorophenol	ND		ug/l	10	3.4	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1
Atrazine	ND		ug/l	10	1.8	1
Benzaldehyde	ND		ug/l	5.0	1.1	1

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-12
 Client ID: EQUIPMENT RINSATE (031119)
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:25
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/l	10	3.6	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.93	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	105		10-120
4-Terphenyl-d14	86		41-149

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-13
 Client ID: SHEETER PIT #3-NW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 08:55
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/13/19 18:33
 Analyst: HL
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 03/12/19 13:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	410	54.	1
Hexachlorobenzene	ND		ug/kg	310	58.	1
Bis(2-chloroethyl)ether	ND		ug/kg	460	70.	1
2-Chloronaphthalene	ND		ug/kg	520	51.	1
3,3'-Dichlorobenzidine	ND		ug/kg	520	140	1
2,4-Dinitrotoluene	ND		ug/kg	520	100	1
2,6-Dinitrotoluene	ND		ug/kg	520	89.	1
Fluoranthene	830		ug/kg	310	59.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	520	55.	1
4-Bromophenyl phenyl ether	ND		ug/kg	520	79.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	620	88.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	560	52.	1
Hexachlorobutadiene	ND		ug/kg	520	76.	1
Hexachlorocyclopentadiene	ND		ug/kg	1500	470	1
Hexachloroethane	ND		ug/kg	410	84.	1
Isophorone	ND		ug/kg	460	67.	1
Naphthalene	ND		ug/kg	520	63.	1
Nitrobenzene	ND		ug/kg	460	76.	1
NDPA/DPA	ND		ug/kg	410	59.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	520	80.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	520	180	1
Butyl benzyl phthalate	ND		ug/kg	520	130	1
Di-n-butylphthalate	ND		ug/kg	520	98.	1
Di-n-octylphthalate	ND		ug/kg	520	180	1
Diethyl phthalate	ND		ug/kg	520	48.	1
Dimethyl phthalate	ND		ug/kg	520	110	1
Benzo(a)anthracene	530		ug/kg	310	58.	1
Benzo(a)pyrene	470		ug/kg	410	130	1

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-13
 Client ID: SHEETER PIT #3-NW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 08:55
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	720		ug/kg	310	87.	1
Benzo(k)fluoranthene	220	J	ug/kg	310	83.	1
Chrysene	580		ug/kg	310	54.	1
Acenaphthylene	ND		ug/kg	410	80.	1
Anthracene	100	J	ug/kg	310	100	1
Benzo(ghi)perylene	260	J	ug/kg	410	61.	1
Fluorene	ND		ug/kg	520	50.	1
Phenanthrene	470		ug/kg	310	63.	1
Dibenzo(a,h)anthracene	87	J	ug/kg	310	60.	1
Indeno(1,2,3-cd)pyrene	300	J	ug/kg	410	72.	1
Pyrene	710		ug/kg	310	51.	1
Biphenyl	ND		ug/kg	1200	120	1
4-Chloroaniline	ND		ug/kg	520	94.	1
2-Nitroaniline	ND		ug/kg	520	100	1
3-Nitroaniline	ND		ug/kg	520	98.	1
4-Nitroaniline	ND		ug/kg	520	210	1
Dibenzofuran	ND		ug/kg	520	49.	1
2-Methylnaphthalene	ND		ug/kg	620	62.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	520	54.	1
Acetophenone	ND		ug/kg	520	64.	1
2,4,6-Trichlorophenol	ND		ug/kg	310	98.	1
p-Chloro-m-cresol	ND		ug/kg	520	77.	1
2-Chlorophenol	ND		ug/kg	520	61.	1
2,4-Dichlorophenol	ND		ug/kg	460	83.	1
2,4-Dimethylphenol	ND		ug/kg	520	170	1
2-Nitrophenol	ND		ug/kg	1100	190	1
4-Nitrophenol	ND		ug/kg	720	210	1
2,4-Dinitrophenol	ND		ug/kg	2500	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	1300	250	1
Pentachlorophenol	ND		ug/kg	410	110	1
Phenol	ND		ug/kg	520	78.	1
2-Methylphenol	ND		ug/kg	520	80.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	740	81.	1
2,4,5-Trichlorophenol	ND		ug/kg	520	99.	1
Carbazole	78	J	ug/kg	520	50.	1
Atrazine	ND		ug/kg	410	180	1
Benzaldehyde	ND		ug/kg	680	140	1

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-13
 Client ID: SHEETER PIT #3-NW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 08:55
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	520	160	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	520	100	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	51		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	48		18-120

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-14
 Client ID: SHEETER PIT #3-WW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:00
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/13/19 16:52
 Analyst: HL
 Percent Solids: 97%

Extraction Method: EPA 3546
 Extraction Date: 03/12/19 13:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	410	53.	1
Hexachlorobenzene	ND		ug/kg	310	57.	1
Bis(2-chloroethyl)ether	ND		ug/kg	460	70.	1
2-Chloronaphthalene	ND		ug/kg	510	51.	1
3,3'-Dichlorobenzidine	ND		ug/kg	510	140	1
2,4-Dinitrotoluene	ND		ug/kg	510	100	1
2,6-Dinitrotoluene	ND		ug/kg	510	88.	1
Fluoranthene	ND		ug/kg	310	59.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	510	55.	1
4-Bromophenyl phenyl ether	ND		ug/kg	510	78.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	620	88.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	550	51.	1
Hexachlorobutadiene	ND		ug/kg	510	75.	1
Hexachlorocyclopentadiene	ND		ug/kg	1500	460	1
Hexachloroethane	ND		ug/kg	410	83.	1
Isophorone	ND		ug/kg	460	66.	1
Naphthalene	ND		ug/kg	510	62.	1
Nitrobenzene	ND		ug/kg	460	76.	1
NDPA/DPA	ND		ug/kg	410	58.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	510	79.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	510	180	1
Butyl benzyl phthalate	ND		ug/kg	510	130	1
Di-n-butylphthalate	ND		ug/kg	510	97.	1
Di-n-octylphthalate	ND		ug/kg	510	170	1
Diethyl phthalate	ND		ug/kg	510	48.	1
Dimethyl phthalate	ND		ug/kg	510	110	1
Benzo(a)anthracene	ND		ug/kg	310	58.	1
Benzo(a)pyrene	ND		ug/kg	410	120	1

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-14
 Client ID: SHEETER PIT #3-WW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:00
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	310	86.	1
Benzo(k)fluoranthene	ND		ug/kg	310	82.	1
Chrysene	ND		ug/kg	310	53.	1
Acenaphthylene	ND		ug/kg	410	79.	1
Anthracene	ND		ug/kg	310	100	1
Benzo(ghi)perylene	ND		ug/kg	410	60.	1
Fluorene	ND		ug/kg	510	50.	1
Phenanthrene	ND		ug/kg	310	62.	1
Dibenzo(a,h)anthracene	ND		ug/kg	310	59.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	410	72.	1
Pyrene	ND		ug/kg	310	51.	1
Biphenyl	ND		ug/kg	1200	120	1
4-Chloroaniline	ND		ug/kg	510	93.	1
2-Nitroaniline	ND		ug/kg	510	99.	1
3-Nitroaniline	ND		ug/kg	510	97.	1
4-Nitroaniline	ND		ug/kg	510	210	1
Dibenzofuran	ND		ug/kg	510	48.	1
2-Methylnaphthalene	ND		ug/kg	620	62.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	510	54.	1
Acetophenone	ND		ug/kg	510	64.	1
2,4,6-Trichlorophenol	ND		ug/kg	310	97.	1
p-Chloro-m-cresol	ND		ug/kg	510	76.	1
2-Chlorophenol	ND		ug/kg	510	61.	1
2,4-Dichlorophenol	ND		ug/kg	460	82.	1
2,4-Dimethylphenol	ND		ug/kg	510	170	1
2-Nitrophenol	ND		ug/kg	1100	190	1
4-Nitrophenol	ND		ug/kg	720	210	1
2,4-Dinitrophenol	ND		ug/kg	2500	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	1300	250	1
Pentachlorophenol	ND		ug/kg	410	110	1
Phenol	ND		ug/kg	510	77.	1
2-Methylphenol	ND		ug/kg	510	80.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	740	80.	1
2,4,5-Trichlorophenol	ND		ug/kg	510	98.	1
Carbazole	ND		ug/kg	510	50.	1
Atrazine	ND		ug/kg	410	180	1
Benzaldehyde	ND		ug/kg	680	140	1

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-14
Client ID: SHEETER PIT #3-WW
Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:00
Date Received: 03/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	510	160	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	510	100	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	54		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	57		18-120

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-15
 Client ID: SHEETER PIT #3-SW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:05
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/13/19 17:17
 Analyst: HL
 Percent Solids: 98%

Extraction Method: EPA 3546
 Extraction Date: 03/12/19 13:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	400	51.	1
Hexachlorobenzene	ND		ug/kg	300	56.	1
Bis(2-chloroethyl)ether	ND		ug/kg	450	67.	1
2-Chloronaphthalene	ND		ug/kg	500	49.	1
3,3'-Dichlorobenzidine	ND		ug/kg	500	130	1
2,4-Dinitrotoluene	ND		ug/kg	500	99.	1
2,6-Dinitrotoluene	ND		ug/kg	500	85.	1
Fluoranthene	ND		ug/kg	300	57.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	500	53.	1
4-Bromophenyl phenyl ether	ND		ug/kg	500	76.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	600	85.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	540	50.	1
Hexachlorobutadiene	ND		ug/kg	500	73.	1
Hexachlorocyclopentadiene	ND		ug/kg	1400	450	1
Hexachloroethane	ND		ug/kg	400	80.	1
Isophorone	ND		ug/kg	450	64.	1
Naphthalene	ND		ug/kg	500	60.	1
Nitrobenzene	ND		ug/kg	450	73.	1
NDPA/DPA	ND		ug/kg	400	56.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	500	77.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	500	170	1
Butyl benzyl phthalate	ND		ug/kg	500	120	1
Di-n-butylphthalate	ND		ug/kg	500	94.	1
Di-n-octylphthalate	ND		ug/kg	500	170	1
Diethyl phthalate	ND		ug/kg	500	46.	1
Dimethyl phthalate	ND		ug/kg	500	100	1
Benzo(a)anthracene	ND		ug/kg	300	56.	1
Benzo(a)pyrene	ND		ug/kg	400	120	1

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-15
 Client ID: SHEETER PIT #3-SW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:05
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	300	84.	1
Benzo(k)fluoranthene	ND		ug/kg	300	79.	1
Chrysene	ND		ug/kg	300	52.	1
Acenaphthylene	ND		ug/kg	400	77.	1
Anthracene	ND		ug/kg	300	97.	1
Benzo(ghi)perylene	ND		ug/kg	400	58.	1
Fluorene	ND		ug/kg	500	48.	1
Phenanthrene	ND		ug/kg	300	60.	1
Dibenzo(a,h)anthracene	ND		ug/kg	300	57.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	400	69.	1
Pyrene	ND		ug/kg	300	49.	1
Biphenyl	ND		ug/kg	1100	120	1
4-Chloroaniline	ND		ug/kg	500	90.	1
2-Nitroaniline	ND		ug/kg	500	96.	1
3-Nitroaniline	ND		ug/kg	500	94.	1
4-Nitroaniline	ND		ug/kg	500	200	1
Dibenzofuran	ND		ug/kg	500	47.	1
2-Methylnaphthalene	ND		ug/kg	600	60.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	500	52.	1
Acetophenone	ND		ug/kg	500	61.	1
2,4,6-Trichlorophenol	ND		ug/kg	300	94.	1
p-Chloro-m-cresol	ND		ug/kg	500	74.	1
2-Chlorophenol	ND		ug/kg	500	59.	1
2,4-Dichlorophenol	ND		ug/kg	450	80.	1
2,4-Dimethylphenol	ND		ug/kg	500	160	1
2-Nitrophenol	ND		ug/kg	1100	190	1
4-Nitrophenol	ND		ug/kg	700	200	1
2,4-Dinitrophenol	ND		ug/kg	2400	230	1
4,6-Dinitro-o-cresol	ND		ug/kg	1300	240	1
Pentachlorophenol	ND		ug/kg	400	110	1
Phenol	ND		ug/kg	500	75.	1
2-Methylphenol	ND		ug/kg	500	77.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	710	78.	1
2,4,5-Trichlorophenol	ND		ug/kg	500	95.	1
Carbazole	ND		ug/kg	500	48.	1
Atrazine	ND		ug/kg	400	170	1
Benzaldehyde	ND		ug/kg	660	130	1

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-15
Client ID: SHEETER PIT #3-SW
Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:05
Date Received: 03/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	500	150	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	500	100	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	53		18-120

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-16
 Client ID: SHEETER PIT #3-BOTTOM
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:15
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/13/19 18:59
 Analyst: HL
 Percent Solids: 98%

Extraction Method: EPA 3546
 Extraction Date: 03/12/19 13:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	170	J	ug/kg	400	52.	1
Hexachlorobenzene	ND		ug/kg	300	57.	1
Bis(2-chloroethyl)ether	ND		ug/kg	460	69.	1
2-Chloronaphthalene	ND		ug/kg	510	50.	1
3,3'-Dichlorobenzidine	ND		ug/kg	510	130	1
2,4-Dinitrotoluene	ND		ug/kg	510	100	1
2,6-Dinitrotoluene	ND		ug/kg	510	87.	1
Fluoranthene	1600		ug/kg	300	58.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	510	54.	1
4-Bromophenyl phenyl ether	ND		ug/kg	510	77.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	610	86.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	550	51.	1
Hexachlorobutadiene	ND		ug/kg	510	74.	1
Hexachlorocyclopentadiene	ND		ug/kg	1400	460	1
Hexachloroethane	ND		ug/kg	400	82.	1
Isophorone	ND		ug/kg	460	66.	1
Naphthalene	73	J	ug/kg	510	62.	1
Nitrobenzene	ND		ug/kg	460	75.	1
NDPA/DPA	ND		ug/kg	400	58.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	510	78.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	510	180	1
Butyl benzyl phthalate	ND		ug/kg	510	130	1
Di-n-butylphthalate	ND		ug/kg	510	96.	1
Di-n-octylphthalate	ND		ug/kg	510	170	1
Diethyl phthalate	ND		ug/kg	510	47.	1
Dimethyl phthalate	ND		ug/kg	510	110	1
Benzo(a)anthracene	860		ug/kg	300	57.	1
Benzo(a)pyrene	710		ug/kg	400	120	1

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-16
 Client ID: SHEETER PIT #3-BOTTOM
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:15
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1000		ug/kg	300	85.	1
Benzo(k)fluoranthene	310		ug/kg	300	81.	1
Chrysene	880		ug/kg	300	53.	1
Acenaphthylene	ND		ug/kg	400	78.	1
Anthracene	340		ug/kg	300	99.	1
Benzo(ghi)perylene	370	J	ug/kg	400	60.	1
Fluorene	180	J	ug/kg	510	49.	1
Phenanthrene	1300		ug/kg	300	62.	1
Dibenzo(a,h)anthracene	120	J	ug/kg	300	58.	1
Indeno(1,2,3-cd)pyrene	430		ug/kg	400	70.	1
Pyrene	1300		ug/kg	300	50.	1
Biphenyl	ND		ug/kg	1200	120	1
4-Chloroaniline	ND		ug/kg	510	92.	1
2-Nitroaniline	ND		ug/kg	510	98.	1
3-Nitroaniline	ND		ug/kg	510	95.	1
4-Nitroaniline	ND		ug/kg	510	210	1
Dibenzofuran	92	J	ug/kg	510	48.	1
2-Methylnaphthalene	67	J	ug/kg	610	61.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	510	53.	1
Acetophenone	ND		ug/kg	510	63.	1
2,4,6-Trichlorophenol	ND		ug/kg	300	96.	1
p-Chloro-m-cresol	ND		ug/kg	510	75.	1
2-Chlorophenol	ND		ug/kg	510	60.	1
2,4-Dichlorophenol	ND		ug/kg	460	81.	1
2,4-Dimethylphenol	ND		ug/kg	510	170	1
2-Nitrophenol	ND		ug/kg	1100	190	1
4-Nitrophenol	ND		ug/kg	710	210	1
2,4-Dinitrophenol	ND		ug/kg	2400	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	1300	240	1
Pentachlorophenol	ND		ug/kg	400	110	1
Phenol	ND		ug/kg	510	76.	1
2-Methylphenol	ND		ug/kg	510	78.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	730	79.	1
2,4,5-Trichlorophenol	ND		ug/kg	510	97.	1
Carbazole	190	J	ug/kg	510	49.	1
Atrazine	ND		ug/kg	400	180	1
Benzaldehyde	ND		ug/kg	670	140	1

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-16
 Client ID: SHEETER PIT #3-BOTTOM
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:15
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	510	150	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	510	100	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	50		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	51		18-120

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-17
 Client ID: SHEETER PIT#3-EW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:10
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/13/19 17:42
 Analyst: HL
 Percent Solids: 96%

Extraction Method: EPA 3546
 Extraction Date: 03/12/19 13:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	410	53.	1
Hexachlorobenzene	ND		ug/kg	300	57.	1
Bis(2-chloroethyl)ether	ND		ug/kg	460	69.	1
2-Chloronaphthalene	ND		ug/kg	510	50.	1
3,3'-Dichlorobenzidine	ND		ug/kg	510	140	1
2,4-Dinitrotoluene	ND		ug/kg	510	100	1
2,6-Dinitrotoluene	ND		ug/kg	510	87.	1
Fluoranthene	ND		ug/kg	300	58.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	510	54.	1
4-Bromophenyl phenyl ether	ND		ug/kg	510	78.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	610	87.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	550	51.	1
Hexachlorobutadiene	ND		ug/kg	510	74.	1
Hexachlorocyclopentadiene	ND		ug/kg	1400	460	1
Hexachloroethane	ND		ug/kg	410	82.	1
Isophorone	ND		ug/kg	460	66.	1
Naphthalene	ND		ug/kg	510	62.	1
Nitrobenzene	ND		ug/kg	460	75.	1
NDPA/DPA	ND		ug/kg	410	58.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	510	78.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	510	180	1
Butyl benzyl phthalate	ND		ug/kg	510	130	1
Di-n-butylphthalate	ND		ug/kg	510	96.	1
Di-n-octylphthalate	ND		ug/kg	510	170	1
Diethyl phthalate	ND		ug/kg	510	47.	1
Dimethyl phthalate	ND		ug/kg	510	110	1
Benzo(a)anthracene	ND		ug/kg	300	57.	1
Benzo(a)pyrene	ND		ug/kg	410	120	1

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-17
 Client ID: SHEETER PIT#3-EW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:10
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	300	86.	1
Benzo(k)fluoranthene	ND		ug/kg	300	81.	1
Chrysene	ND		ug/kg	300	53.	1
Acenaphthylene	ND		ug/kg	410	78.	1
Anthracene	ND		ug/kg	300	99.	1
Benzo(ghi)perylene	ND		ug/kg	410	60.	1
Fluorene	ND		ug/kg	510	49.	1
Phenanthrene	ND		ug/kg	300	62.	1
Dibenzo(a,h)anthracene	ND		ug/kg	300	59.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	410	71.	1
Pyrene	ND		ug/kg	300	50.	1
Biphenyl	ND		ug/kg	1200	120	1
4-Chloroaniline	ND		ug/kg	510	92.	1
2-Nitroaniline	ND		ug/kg	510	98.	1
3-Nitroaniline	ND		ug/kg	510	96.	1
4-Nitroaniline	ND		ug/kg	510	210	1
Dibenzofuran	ND		ug/kg	510	48.	1
2-Methylnaphthalene	ND		ug/kg	610	61.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	510	53.	1
Acetophenone	ND		ug/kg	510	63.	1
2,4,6-Trichlorophenol	ND		ug/kg	300	96.	1
p-Chloro-m-cresol	ND		ug/kg	510	76.	1
2-Chlorophenol	ND		ug/kg	510	60.	1
2,4-Dichlorophenol	ND		ug/kg	460	82.	1
2,4-Dimethylphenol	ND		ug/kg	510	170	1
2-Nitrophenol	ND		ug/kg	1100	190	1
4-Nitrophenol	ND		ug/kg	710	210	1
2,4-Dinitrophenol	ND		ug/kg	2400	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	1300	240	1
Pentachlorophenol	ND		ug/kg	410	110	1
Phenol	ND		ug/kg	510	77.	1
2-Methylphenol	ND		ug/kg	510	79.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	730	80.	1
2,4,5-Trichlorophenol	ND		ug/kg	510	97.	1
Carbazole	ND		ug/kg	510	49.	1
Atrazine	ND		ug/kg	410	180	1
Benzaldehyde	ND		ug/kg	670	140	1

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-17
Client ID: SHEETER PIT#3-EW
Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:10
Date Received: 03/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	510	150	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	510	100	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		25-120
Phenol-d6	46		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	49		18-120

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/05/19 13:24
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/05/19 01:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1212401-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/05/19 13:24
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/05/19 01:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1212401-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 03/05/19 13:24
 Analyst: SZ

Extraction Method: EPA 3546
 Extraction Date: 03/05/19 01:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1212401-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	56		18-120

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/10/19 17:27
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/08/19 20:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-10 Batch: WG1213938-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/10/19 17:27
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/08/19 20:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-10 Batch: WG1213938-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
 Analytical Date: 03/10/19 17:27
 Analyst: SZ

Extraction Method: EPA 3546
 Extraction Date: 03/08/19 20:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-10 Batch: WG1213938-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	116		10-136
4-Terphenyl-d14	101		18-120

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
 Analytical Date: 03/13/19 12:37
 Analyst: JG

Extraction Method: EPA 3546
 Extraction Date: 03/12/19 13:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 13-17 Batch: WG1214825-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/13/19 12:37
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 03/12/19 13:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 13-17 Batch: WG1214825-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/13/19 12:37
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 03/12/19 13:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 13-17 Batch: WG1214825-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	86		18-120

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
 Analytical Date: 03/13/19 21:51
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 03/12/19 23:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG1214957-1					
Acenaphthene	ND		ug/l	2.0	0.59
Hexachlorobenzene	ND		ug/l	2.0	0.58
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67
2-Chloronaphthalene	ND		ug/l	2.0	0.64
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1
Fluoranthene	ND		ug/l	2.0	0.57
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63
Hexachlorobutadiene	ND		ug/l	2.0	0.72
Hexachlorocyclopentadiene	ND		ug/l	20	7.8
Hexachloroethane	ND		ug/l	2.0	0.68
Isophorone	ND		ug/l	5.0	0.60
Naphthalene	ND		ug/l	2.0	0.68
Nitrobenzene	ND		ug/l	2.0	0.75
NDPA/DPA	ND		ug/l	2.0	0.64
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91
Butyl benzyl phthalate	ND		ug/l	5.0	1.3
Di-n-butylphthalate	ND		ug/l	5.0	0.69
Di-n-octylphthalate	ND		ug/l	5.0	1.1
Diethyl phthalate	ND		ug/l	5.0	0.63
Dimethyl phthalate	ND		ug/l	5.0	0.65
Benzo(a)anthracene	ND		ug/l	2.0	0.61
Benzo(a)pyrene	ND		ug/l	2.0	0.54
Benzo(b)fluoranthene	ND		ug/l	2.0	0.64

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/13/19 21:51
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 03/12/19 23:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG1214957-1					
Benzo(k)fluoranthene	ND		ug/l	2.0	0.60
Chrysene	ND		ug/l	2.0	0.54
Acenaphthylene	ND		ug/l	2.0	0.66
Anthracene	ND		ug/l	2.0	0.64
Benzo(ghi)perylene	ND		ug/l	2.0	0.61
Fluorene	ND		ug/l	2.0	0.62
Phenanthrene	ND		ug/l	2.0	0.61
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.55
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.71
Pyrene	ND		ug/l	2.0	0.57
Biphenyl	ND		ug/l	2.0	0.76
4-Chloroaniline	ND		ug/l	5.0	0.63
2-Nitroaniline	ND		ug/l	5.0	1.1
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.66
2-Methylnaphthalene	ND		ug/l	2.0	0.72
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67
Acetophenone	ND		ug/l	5.0	0.85
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68
p-Chloro-m-cresol	ND		ug/l	2.0	0.62
2-Chlorophenol	ND		ug/l	2.0	0.63
2,4-Dichlorophenol	ND		ug/l	5.0	0.77
2,4-Dimethylphenol	ND		ug/l	5.0	1.6
2-Nitrophenol	ND		ug/l	10	1.5
4-Nitrophenol	ND		ug/l	10	1.8
2,4-Dinitrophenol	ND		ug/l	20	5.5
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1
Pentachlorophenol	ND		ug/l	10	3.4

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
 Analytical Date: 03/13/19 21:51
 Analyst: SZ

Extraction Method: EPA 3510C
 Extraction Date: 03/12/19 23:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG1214957-1					
Phenol	ND		ug/l	5.0	1.9
2-Methylphenol	ND		ug/l	5.0	1.0
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72
Carbazole	ND		ug/l	2.0	0.63
Atrazine	ND		ug/l	10	1.8
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	3.6
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.93

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	101		10-120
4-Terphenyl-d14	88		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1212401-2 WG1212401-3								
Acenaphthene	45		48		31-137	6		50
Hexachlorobenzene	52		55		40-140	6		50
Bis(2-chloroethyl)ether	44		46		40-140	4		50
2-Chloronaphthalene	47		49		40-140	4		50
3,3'-Dichlorobenzidine	33	Q	35	Q	40-140	6		50
2,4-Dinitrotoluene	47		49		40-132	4		50
2,6-Dinitrotoluene	53		56		40-140	6		50
Fluoranthene	44		47		40-140	7		50
4-Chlorophenyl phenyl ether	48		51		40-140	6		50
4-Bromophenyl phenyl ether	52		55		40-140	6		50
Bis(2-chloroisopropyl)ether	42		44		40-140	5		50
Bis(2-chloroethoxy)methane	46		48		40-117	4		50
Hexachlorobutadiene	46		48		40-140	4		50
Hexachlorocyclopentadiene	50		54		40-140	8		50
Hexachloroethane	43		44		40-140	2		50
Isophorone	48		50		40-140	4		50
Naphthalene	43		45		40-140	5		50
Nitrobenzene	46		48		40-140	4		50
NDPA/DPA	50		52		36-157	4		50
n-Nitrosodi-n-propylamine	47		49		32-121	4		50
Bis(2-ethylhexyl)phthalate	48		50		40-140	4		50
Butyl benzyl phthalate	44		48		40-140	9		50
Di-n-butylphthalate	42		45		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1212401-2 WG1212401-3								
Di-n-octylphthalate	52		56		40-140	7		50
Diethyl phthalate	49		51		40-140	4		50
Dimethyl phthalate	48		51		40-140	6		50
Benzo(a)anthracene	45		48		40-140	6		50
Benzo(a)pyrene	50		52		40-140	4		50
Benzo(b)fluoranthene	47		51		40-140	8		50
Benzo(k)fluoranthene	44		47		40-140	7		50
Chrysene	44		47		40-140	7		50
Acenaphthylene	48		50		40-140	4		50
Anthracene	42		45		40-140	7		50
Benzo(ghi)perylene	44		48		40-140	9		50
Fluorene	47		50		40-140	6		50
Phenanthrene	40		43		40-140	7		50
Dibenzo(a,h)anthracene	44		48		40-140	9		50
Indeno(1,2,3-cd)pyrene	47		52		40-140	10		50
Pyrene	43		45		35-142	5		50
Biphenyl	48	Q	50	Q	54-104	4		50
4-Chloroaniline	35	Q	29	Q	40-140	19		50
2-Nitroaniline	53		57		47-134	7		50
3-Nitroaniline	42		42		26-129	0		50
4-Nitroaniline	52		53		41-125	2		50
Dibenzofuran	46		48		40-140	4		50
2-Methylnaphthalene	46		48		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1212401-2 WG1212401-3								
1,2,4,5-Tetrachlorobenzene	48		50		40-117	4		50
Acetophenone	53		55		14-144	4		50
2,4,6-Trichlorophenol	58		61		30-130	5		50
p-Chloro-m-cresol	53		56		26-103	6		50
2-Chlorophenol	50		51		25-102	2		50
2,4-Dichlorophenol	53		55		30-130	4		50
2,4-Dimethylphenol	53		56		30-130	6		50
2-Nitrophenol	52		55		30-130	6		50
4-Nitrophenol	52		54		11-114	4		50
2,4-Dinitrophenol	40		43		4-130	7		50
4,6-Dinitro-o-cresol	54		57		10-130	5		50
Pentachlorophenol	50		52		17-109	4		50
Phenol	45		46		26-90	2		50
2-Methylphenol	50		52		30-130	4		50
3-Methylphenol/4-Methylphenol	50		53		30-130	6		50
2,4,5-Trichlorophenol	57		61		30-130	7		50
Carbazole	43	Q	46	Q	54-128	7		50
Atrazine	66		69		40-140	4		50
Benzaldehyde	46		48		40-140	4		50
Caprolactam	55		57		15-130	4		50
2,3,4,6-Tetrachlorophenol	58		60		40-140	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
-----------	-------------------------	-------------	--------------------------	-------------	----------------------------	------------	-------------	----------------------

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1212401-2 WG1212401-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	52		54		25-120
Phenol-d6	49		52		10-120
Nitrobenzene-d5	47		50		23-120
2-Fluorobiphenyl	47		50		30-120
2,4,6-Tribromophenol	66		72		10-136
4-Terphenyl-d14	45		48		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-10 Batch: WG1213938-2 WG1213938-3								
Acenaphthene	86		87		31-137	1		50
Hexachlorobenzene	105		102		40-140	3		50
Bis(2-chloroethyl)ether	66		62		40-140	6		50
2-Chloronaphthalene	93		94		40-140	1		50
3,3'-Dichlorobenzidine	68		67		40-140	1		50
2,4-Dinitrotoluene	98		96		40-132	2		50
2,6-Dinitrotoluene	101		101		40-140	0		50
Fluoranthene	90		88		40-140	2		50
4-Chlorophenyl phenyl ether	100		98		40-140	2		50
4-Bromophenyl phenyl ether	102		103		40-140	1		50
Bis(2-chloroisopropyl)ether	53		51		40-140	4		50
Bis(2-chloroethoxy)methane	73		72		40-117	1		50
Hexachlorobutadiene	91		94		40-140	3		50
Hexachlorocyclopentadiene	94		97		40-140	3		50
Hexachloroethane	77		75		40-140	3		50
Isophorone	84		81		40-140	4		50
Naphthalene	76		78		40-140	3		50
Nitrobenzene	76		76		40-140	0		50
NDPA/DPA	98		96		36-157	2		50
n-Nitrosodi-n-propylamine	80		78		32-121	3		50
Bis(2-ethylhexyl)phthalate	108		106		40-140	2		50
Butyl benzyl phthalate	92		91		40-140	1		50
Di-n-butylphthalate	93		91		40-140	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-10 Batch: WG1213938-2 WG1213938-3								
Di-n-octylphthalate	109		109		40-140	0		50
Diethyl phthalate	100		97		40-140	3		50
Dimethyl phthalate	95		95		40-140	0		50
Benzo(a)anthracene	96		96		40-140	0		50
Benzo(a)pyrene	98		99		40-140	1		50
Benzo(b)fluoranthene	98		98		40-140	0		50
Benzo(k)fluoranthene	94		94		40-140	0		50
Chrysene	100		100		40-140	0		50
Acenaphthylene	96		97		40-140	1		50
Anthracene	86		86		40-140	0		50
Benzo(ghi)perylene	82		82		40-140	0		50
Fluorene	95		93		40-140	2		50
Phenanthrene	79		80		40-140	1		50
Dibenzo(a,h)anthracene	86		84		40-140	2		50
Indeno(1,2,3-cd)pyrene	85		86		40-140	1		50
Pyrene	90		89		35-142	1		50
Biphenyl	97		97		54-104	0		50
4-Chloroaniline	50		52		40-140	4		50
2-Nitroaniline	96		88		47-134	9		50
3-Nitroaniline	62		62		26-129	0		50
4-Nitroaniline	82		78		41-125	5		50
Dibenzofuran	92		91		40-140	1		50
2-Methylnaphthalene	83		84		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-10 Batch: WG1213938-2 WG1213938-3								
1,2,4,5-Tetrachlorobenzene	99		102		40-117	3		50
Acetophenone	85		86		14-144	1		50
2,4,6-Trichlorophenol	103		102		30-130	1		50
p-Chloro-m-cresol	98		99		26-103	1		50
2-Chlorophenol	82		79		25-102	4		50
2,4-Dichlorophenol	96		93		30-130	3		50
2,4-Dimethylphenol	96		93		30-130	3		50
2-Nitrophenol	85		83		30-130	2		50
4-Nitrophenol	104		97		11-114	7		50
2,4-Dinitrophenol	74		70		4-130	6		50
4,6-Dinitro-o-cresol	102		97		10-130	5		50
Pentachlorophenol	92		92		17-109	0		50
Phenol	69		68		26-90	1		50
2-Methylphenol	84		84		30-130	0		50
3-Methylphenol/4-Methylphenol	76		75		30-130	1		50
2,4,5-Trichlorophenol	106		105		30-130	1		50
Carbazole	83		82		54-128	1		50
Atrazine	112		108		40-140	4		50
Benzaldehyde	73		75		40-140	3		50
Caprolactam	80		80		15-130	0		50
2,3,4,6-Tetrachlorophenol	104		103		40-140	1		50

Lab Control Sample Analysis Batch Quality Control

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-10 Batch: WG1213938-2 WG1213938-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	75		73		25-120
Phenol-d6	76		74		10-120
Nitrobenzene-d5	80		81		23-120
2-Fluorobiphenyl	94		94		30-120
2,4,6-Tribromophenol	114		109		10-136
4-Terphenyl-d14	92		91		18-120



Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-17 Batch: WG1214825-2 WG1214825-3								
Acenaphthene	73		82		31-137	12		50
Hexachlorobenzene	80		89		40-140	11		50
Bis(2-chloroethyl)ether	60		63		40-140	5		50
2-Chloronaphthalene	80		88		40-140	10		50
3,3'-Dichlorobenzidine	54		62		40-140	14		50
2,4-Dinitrotoluene	83		92		40-132	10		50
2,6-Dinitrotoluene	89		98		40-140	10		50
Fluoranthene	79		88		40-140	11		50
4-Chlorophenyl phenyl ether	83		92		40-140	10		50
4-Bromophenyl phenyl ether	85		93		40-140	9		50
Bis(2-chloroisopropyl)ether	64		70		40-140	9		50
Bis(2-chloroethoxy)methane	67		72		40-117	7		50
Hexachlorobutadiene	82		92		40-140	11		50
Hexachlorocyclopentadiene	76		87		40-140	13		50
Hexachloroethane	68		72		40-140	6		50
Isophorone	68		74		40-140	8		50
Naphthalene	72		78		40-140	8		50
Nitrobenzene	66		73		40-140	10		50
NDPA/DPA	78		89		36-157	13		50
n-Nitrosodi-n-propylamine	67		74		32-121	10		50
Bis(2-ethylhexyl)phthalate	87		100		40-140	14		50
Butyl benzyl phthalate	80		89		40-140	11		50
Di-n-butylphthalate	75		84		40-140	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-17 Batch: WG1214825-2 WG1214825-3								
Di-n-octylphthalate	95		106		40-140	11		50
Diethyl phthalate	79		89		40-140	12		50
Dimethyl phthalate	86		95		40-140	10		50
Benzo(a)anthracene	80		89		40-140	11		50
Benzo(a)pyrene	94		104		40-140	10		50
Benzo(b)fluoranthene	91		100		40-140	9		50
Benzo(k)fluoranthene	91		101		40-140	10		50
Chrysene	85		95		40-140	11		50
Acenaphthylene	79		87		40-140	10		50
Anthracene	73		81		40-140	10		50
Benzo(ghi)perylene	78		85		40-140	9		50
Fluorene	78		86		40-140	10		50
Phenanthrene	68		76		40-140	11		50
Dibenzo(a,h)anthracene	80		88		40-140	10		50
Indeno(1,2,3-cd)pyrene	80		89		40-140	11		50
Pyrene	79		86		35-142	8		50
Biphenyl	81		91		54-104	12		50
4-Chloroaniline	66		65		40-140	2		50
2-Nitroaniline	83		90		47-134	8		50
3-Nitroaniline	50		52		26-129	4		50
4-Nitroaniline	75		82		41-125	9		50
Dibenzofuran	75		83		40-140	10		50
2-Methylnaphthalene	72		80		40-140	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-17 Batch: WG1214825-2 WG1214825-3								
1,2,4,5-Tetrachlorobenzene	90		102		40-117	13		50
Acetophenone	73		80		14-144	9		50
2,4,6-Trichlorophenol	92		102		30-130	10		50
p-Chloro-m-cresol	82		90		26-103	9		50
2-Chlorophenol	73		80		25-102	9		50
2,4-Dichlorophenol	82		89		30-130	8		50
2,4-Dimethylphenol	85		91		30-130	7		50
2-Nitrophenol	80		88		30-130	10		50
4-Nitrophenol	84		90		11-114	7		50
2,4-Dinitrophenol	78		85		4-130	9		50
4,6-Dinitro-o-cresol	91		104		10-130	13		50
Pentachlorophenol	75		85		17-109	13		50
Phenol	65		72		26-90	10		50
2-Methylphenol	70		74		30-130	6		50
3-Methylphenol/4-Methylphenol	68		75		30-130	10		50
2,4,5-Trichlorophenol	90		100		30-130	11		50
Carbazole	72		79		54-128	9		50
Atrazine	98		109		40-140	11		50
Benzaldehyde	63		68		40-140	8		50
Caprolactam	73		82		15-130	12		50
2,3,4,6-Tetrachlorophenol	86		94		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Project Number: E1605

Lab Number: L1908144

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13-17 Batch: WG1214825-2 WG1214825-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	69		74		25-120
Phenol-d6	66		70		10-120
Nitrobenzene-d5	70		75		23-120
2-Fluorobiphenyl	80		88		30-120
2,4,6-Tribromophenol	77		88		10-136
4-Terphenyl-d14	74		81		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1214957-2 WG1214957-3								
Acenaphthene	89		83		37-111	7		30
Hexachlorobenzene	112		106		40-140	6		30
Bis(2-chloroethyl)ether	64		60		40-140	6		30
2-Chloronaphthalene	89		87		40-140	2		30
3,3'-Dichlorobenzidine	76		81		40-140	6		30
2,4-Dinitrotoluene	99		94		48-143	5		30
2,6-Dinitrotoluene	98		95		40-140	3		30
Fluoranthene	94		92		40-140	2		30
4-Chlorophenyl phenyl ether	105		96		40-140	9		30
4-Bromophenyl phenyl ether	112		104		40-140	7		30
Bis(2-chloroisopropyl)ether	46		43		40-140	7		30
Bis(2-chloroethoxy)methane	73		70		40-140	4		30
Hexachlorobutadiene	91		91		40-140	0		30
Hexachlorocyclopentadiene	73		76		40-140	4		30
Hexachloroethane	70		69		40-140	1		30
Isophorone	83		76		40-140	9		30
Naphthalene	74		73		40-140	1		30
Nitrobenzene	74		72		40-140	3		30
NDPA/DPA	98		93		40-140	5		30
n-Nitrosodi-n-propylamine	79		74		29-132	7		30
Bis(2-ethylhexyl)phthalate	108		101		40-140	7		30
Butyl benzyl phthalate	97		94		40-140	3		30
Di-n-butylphthalate	94		91		40-140	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1214957-2 WG1214957-3								
Di-n-octylphthalate	112		106		40-140	6		30
Diethyl phthalate	102		95		40-140	7		30
Dimethyl phthalate	92		88		40-140	4		30
Benzo(a)anthracene	101		95		40-140	6		30
Benzo(a)pyrene	105		101		40-140	4		30
Benzo(b)fluoranthene	112		106		40-140	6		30
Benzo(k)fluoranthene	100		94		40-140	6		30
Chrysene	102		98		40-140	4		30
Acenaphthylene	92		88		45-123	4		30
Anthracene	88		86		40-140	2		30
Benzo(ghi)perylene	88		82		40-140	7		30
Fluorene	96		91		40-140	5		30
Phenanthrene	82		80		40-140	2		30
Dibenzo(a,h)anthracene	94		88		40-140	7		30
Indeno(1,2,3-cd)pyrene	94		81		40-140	15		30
Pyrene	94		90		26-127	4		30
Biphenyl	94		89		40-140	5		30
4-Chloroaniline	50		57		40-140	13		30
2-Nitroaniline	90		85		52-143	6		30
3-Nitroaniline	61		61		25-145	0		30
4-Nitroaniline	76		72		51-143	5		30
Dibenzofuran	93		88		40-140	6		30
2-Methylnaphthalene	79		78		40-140	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1214957-2 WG1214957-3								
1,2,4,5-Tetrachlorobenzene	97		97		2-134	0		30
Acetophenone	87		81		39-129	7		30
2,4,6-Trichlorophenol	104		101		30-130	3		30
p-Chloro-m-cresol	92		87		23-97	6		30
2-Chlorophenol	75		72		27-123	4		30
2,4-Dichlorophenol	92		88		30-130	4		30
2,4-Dimethylphenol	90		83		30-130	8		30
2-Nitrophenol	84		78		30-130	7		30
4-Nitrophenol	52		48		10-80	8		30
2,4-Dinitrophenol	73		69		20-130	6		30
4,6-Dinitro-o-cresol	98		96		20-164	2		30
Pentachlorophenol	85		76		9-103	11		30
Phenol	30		26		12-110	14		30
2-Methylphenol	74		66		30-130	11		30
3-Methylphenol/4-Methylphenol	70		66		30-130	6		30
2,4,5-Trichlorophenol	106		98		30-130	8		30
Carbazole	84		83		55-144	1		30
Atrazine	124		117		40-140	6		30
Benzaldehyde	78		75		40-140	4		30
Caprolactam	22		21		10-130	5		30
2,3,4,6-Tetrachlorophenol	105		101		40-140	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
-----------	------------------	------	-------------------	------	---------------------	-----	------	---------------

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG1214957-2 WG1214957-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	46		44		21-120
Phenol-d6	32		28		10-120
Nitrobenzene-d5	79		74		23-120
2-Fluorobiphenyl	89		89		15-120
2,4,6-Tribromophenol	117		115		10-120
4-Terphenyl-d14	98		95		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-10 QC Batch ID: WG1213938-4 WG1213938-5 QC Sample: L1908144-08 Client ID: AJ-EX-SW												
Acenaphthene	48J	1440	1400	97		1400	97		31-137	0		50
Hexachlorobenzene	ND	1440	1500	100		1400	97		40-140	7		50
Bis(2-chloroethyl)ether	ND	1440	1100	77		1200	83		40-140	9		50
2-Chloronaphthalene	ND	1440	1300	91		1300	90		40-140	0		50
3,3'-Dichlorobenzidine	ND	1440	800	56		760	52		40-140	5		50
2,4-Dinitrotoluene	ND	1440	1400	97		1400	97		40-132	0		50
2,6-Dinitrotoluene	ND	1440	1400	61		1400	97		40-140	0		50
Fluoranthene	1400	1440	2400	70		2500	76		40-140	4		50
4-Chlorophenyl phenyl ether	ND	1440	1400	97		1400	97		40-140	0		50
4-Bromophenyl phenyl ether	ND	1440	1500	100		1500	100		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1440	1100	77		1100	76		40-140	0		50
Bis(2-chloroethoxy)methane	ND	1440	1300	91		1400	97		40-117	7		50
Hexachlorobutadiene	ND	1440	1100	77		1100	76		40-140	0		50
Hexachlorocyclopentadiene	ND	1440	220J	15	Q	270J	19	Q	40-140	20		50
Hexachloroethane	ND	1440	900	63		940	65		40-140	4		50
Isophorone	ND	1440	1400	97		1400	97		40-140	0		50
Naphthalene	310	1440	1400	76		1500	82		40-140	7		50
Nitrobenzene	ND	1440	1200	84		1300	90		40-140	8		50
NDPA/DPA	ND	1440	1400	97		1400	97		36-157	0		50
n-Nitrosodi-n-propylamine	ND	1440	1400	84		1400	97		32-121	0		50
Bis(2-ethylhexyl)phthalate	ND	1440	1800	130		1900	130		40-140	5		50
Butyl benzyl phthalate	ND	1440	1400	97		1300	90		40-140	7		50
Di-n-butylphthalate	ND	1440	1400	97		1500	100		40-140	7		50

Matrix Spike Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-10 QC Batch ID: WG1213938-4 WG1213938-5 QC Sample: L1908144-08 Client ID: AJ-EX-SW												
Di-n-octylphthalate	ND	1440	1700	120		1800	120		40-140	6		50
Diethyl phthalate	ND	1440	1400	97		1400	97		40-140	0		50
Dimethyl phthalate	ND	1440	1400	97		1500	100		40-140	7		50
Benzo(a)anthracene	2000	1440	3300	91		3600	110		40-140	9		50
Benzo(a)pyrene	3300	1440	4300	70		5000	120		40-140	15		50
Benzo(b)fluoranthene	4700	1440	6400	120		7000	160	Q	40-140	9		50
Benzo(k)fluoranthene	2300	1440	2600	0	Q	3500	83		40-140	30		50
Chrysene	2900	1440	4100	84		4500	110		40-140	9		50
Acenaphthylene	ND	1440	1500	100		1500	100		40-140	0		50
Anthracene	56J	1440	1300	91		1300	90		40-140	0		50
Benzo(ghi)perylene	3900	1440	4800	63		5300	97		40-140	10		50
Fluorene	43J	1440	1400	97		1500	100		40-140	7		50
Phenanthrene	460	1440	1600	79		1800	92		40-140	12		50
Dibenzo(a,h)anthracene	1100	1440	2200	56		2500	97		40-140	13		50
Indeno(1,2,3-cd)pyrene	3600	1440	4800	84		5400	120		40-140	12		50
Pyrene	1500	1440	2500	70		2500	69		35-142	0		50
Biphenyl	59J	1440	1400	97		1400	97		54-104	0		50
4-Chloroaniline	ND	1440	640	45		610	42		40-140	5		50
2-Nitroaniline	ND	1440	1600	110		1600	110		47-134	0		50
3-Nitroaniline	ND	1440	1200	84		1100	76		26-129	9		50
4-Nitroaniline	ND	1440	1300	91		1200	83		41-125	8		50
Dibenzofuran	120J	1440	1500	100		1500	100		40-140	0		50
2-Methylnaphthalene	370	1440	1600	86		1600	85		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-10 QC Batch ID: WG1213938-4 WG1213938-5 QC Sample: L1908144-08 Client ID: AJ-EX-SW												
1,2,4,5-Tetrachlorobenzene	ND	1440	1400	97		1400	97		40-117	0		50
Acetophenone	ND	1440	1400	97		1400	97		14-144	0		50
2,4,6-Trichlorophenol	ND	1440	1400	97		1400	97		30-130	0		50
p-Chloro-m-cresol	ND	1440	1400	97		1400	97		26-103	0		50
2-Chlorophenol	ND	1440	1200	84		1200	83		25-102	0		50
2,4-Dichlorophenol	ND	1440	1400	97		1500	100		30-130	7		50
2,4-Dimethylphenol	ND	1440	870	61		930	64		30-130	7		50
2-Nitrophenol	ND	1440	1100	77		1200	83		30-130	9		50
4-Nitrophenol	ND	1440	880	61		820	57		11-114	7		50
2,4-Dinitrophenol	ND	1440	ND	0	Q	ND	0	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1440	ND	0	Q	ND	0	Q	10-130	NC		50
Pentachlorophenol	ND	1440	550	38		480	33		17-109	14		50
Phenol	ND	1440	1200	84		1200	83		26-90	0		50
2-Methylphenol	ND	1440	1100	77		1200	83		30-130.	9		50
3-Methylphenol/4-Methylphenol	ND	1440	1300	91		1300	90		30-130	0		50
2,4,5-Trichlorophenol	ND	1440	1400	97		1400	97		30-130	0		50
Carbazole	51J	1440	1300	91		1300	90		54-128	0		50
Atrazine	ND	1440	1700	120		1600	110		40-140	6		50
Benzaldehyde	ND	1440	1400	97		1400	97		40-140	0		50
Caprolactam	ND	1440	1600	110		1600	110		15-130	0		50
2,3,4,6-Tetrachlorophenol	ND	1440	1100	77		1000	69		40-140	10		50

Matrix Spike Analysis**Batch Quality Control****Project Name:** PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
------------------	----------------------	-----------------	-----------------	---------------------	-------------	------------------	----------------------	-------------	------------------------	------------	-------------	-------------------

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-10 QC Batch ID: WG1213938-4 WG1213938-5 QC Sample: L1908144-08 Client ID: AJ-EX-SW

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
2,4,6-Tribromophenol	100		92		10-136
2-Fluorobiphenyl	95		92		30-120
2-Fluorophenol	73		75		25-120
4-Terphenyl-d14	87		82		18-120
Nitrobenzene-d5	91		95		23-120
Phenol-d6	81		83		10-120

PCBS

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-01
 Client ID: DC-EX-BOTTOM
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 02/27/19 13:00
 Date Received: 03/01/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 03/08/19 05:05
 Analyst: WR
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 03/05/19 00:32
 Cleanup Method: EPA 3665A
 Cleanup Date: 03/07/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 03/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.1	3.21	1	A
Aroclor 1221	ND		ug/kg	36.1	3.62	1	A
Aroclor 1232	ND		ug/kg	36.1	7.65	1	A
Aroclor 1242	ND		ug/kg	36.1	4.87	1	A
Aroclor 1248	ND		ug/kg	36.1	5.42	1	A
Aroclor 1254	ND		ug/kg	36.1	3.95	1	A
Aroclor 1260	ND		ug/kg	36.1	6.67	1	A
Aroclor 1262	ND		ug/kg	36.1	4.58	1	A
Aroclor 1268	ND		ug/kg	36.1	3.74	1	A
PCBs, Total	ND		ug/kg	36.1	3.21	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-02
Client ID: DC-EX-NW
Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:00
Date Received: 03/07/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/11/19 11:22
Analyst: WR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 03/09/19 00:15
Cleanup Method: EPA 3665A
Cleanup Date: 03/09/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/10/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.8	3.36	1	A
Aroclor 1221	ND		ug/kg	37.8	3.79	1	A
Aroclor 1232	ND		ug/kg	37.8	8.01	1	A
Aroclor 1242	ND		ug/kg	37.8	5.10	1	A
Aroclor 1248	ND		ug/kg	37.8	5.67	1	A
Aroclor 1254	ND		ug/kg	37.8	4.14	1	A
Aroclor 1260	ND		ug/kg	37.8	6.98	1	A
Aroclor 1262	ND		ug/kg	37.8	4.80	1	A
Aroclor 1268	ND		ug/kg	37.8	3.92	1	A
PCBs, Total	ND		ug/kg	37.8	3.36	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	115		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-03
Client ID: DC-EX-EW
Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:15
Date Received: 03/07/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/11/19 11:34
Analyst: WR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 03/09/19 00:15
Cleanup Method: EPA 3665A
Cleanup Date: 03/09/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/10/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.7	3.17	1	A
Aroclor 1221	ND		ug/kg	35.7	3.58	1	A
Aroclor 1232	ND		ug/kg	35.7	7.58	1	A
Aroclor 1242	ND		ug/kg	35.7	4.82	1	A
Aroclor 1248	ND		ug/kg	35.7	5.36	1	A
Aroclor 1254	ND		ug/kg	35.7	3.91	1	A
Aroclor 1260	ND		ug/kg	35.7	6.60	1	A
Aroclor 1262	ND		ug/kg	35.7	4.54	1	A
Aroclor 1268	ND		ug/kg	35.7	3.70	1	A
PCBs, Total	ND		ug/kg	35.7	3.17	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	107		30-150	A
Decachlorobiphenyl	132		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-04
Client ID: DC-EX-SW
Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:25
Date Received: 03/07/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/11/19 11:46
Analyst: WR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 03/09/19 00:15
Cleanup Method: EPA 3665A
Cleanup Date: 03/09/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/10/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.1	3.29	1	A
Aroclor 1221	ND		ug/kg	37.1	3.71	1	A
Aroclor 1232	ND		ug/kg	37.1	7.86	1	A
Aroclor 1242	ND		ug/kg	37.1	5.00	1	A
Aroclor 1248	ND		ug/kg	37.1	5.56	1	A
Aroclor 1254	ND		ug/kg	37.1	4.05	1	A
Aroclor 1260	ND		ug/kg	37.1	6.85	1	A
Aroclor 1262	ND		ug/kg	37.1	4.71	1	A
Aroclor 1268	ND		ug/kg	37.1	3.84	1	A
PCBs, Total	ND		ug/kg	37.1	3.29	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	106		30-150	A
Decachlorobiphenyl	128		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-05
Client ID: DC-EX-SW DUPLICATE
Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:25
Date Received: 03/07/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/11/19 11:59
Analyst: WR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 03/09/19 00:15
Cleanup Method: EPA 3665A
Cleanup Date: 03/09/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/10/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.4	3.23	1	A
Aroclor 1221	ND		ug/kg	36.4	3.64	1	A
Aroclor 1232	ND		ug/kg	36.4	7.71	1	A
Aroclor 1242	ND		ug/kg	36.4	4.90	1	A
Aroclor 1248	ND		ug/kg	36.4	5.45	1	A
Aroclor 1254	ND		ug/kg	36.4	3.98	1	A
Aroclor 1260	ND		ug/kg	36.4	6.72	1	A
Aroclor 1262	ND		ug/kg	36.4	4.62	1	A
Aroclor 1268	ND		ug/kg	36.4	3.77	1	A
PCBs, Total	ND		ug/kg	36.4	3.23	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	123		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-06
Client ID: AJ-EX-BOTTOM
Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:30
Date Received: 03/07/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/11/19 12:11
Analyst: WR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 03/09/19 00:15
Cleanup Method: EPA 3665A
Cleanup Date: 03/09/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/10/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.2	3.13	1	A
Aroclor 1221	ND		ug/kg	35.2	3.53	1	A
Aroclor 1232	ND		ug/kg	35.2	7.46	1	A
Aroclor 1242	ND		ug/kg	35.2	4.75	1	A
Aroclor 1248	ND		ug/kg	35.2	5.28	1	A
Aroclor 1254	ND		ug/kg	35.2	3.85	1	A
Aroclor 1260	ND		ug/kg	35.2	6.51	1	A
Aroclor 1262	ND		ug/kg	35.2	4.47	1	A
Aroclor 1268	ND		ug/kg	35.2	3.65	1	A
PCBs, Total	ND		ug/kg	35.2	3.13	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	111		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-07
Client ID: AJ-EX-NW
Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:15
Date Received: 03/07/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/11/19 12:24
Analyst: WR
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 03/09/19 00:15
Cleanup Method: EPA 3665A
Cleanup Date: 03/09/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/10/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.2	3.04	1	A
Aroclor 1221	ND		ug/kg	34.2	3.43	1	A
Aroclor 1232	ND		ug/kg	34.2	7.25	1	A
Aroclor 1242	ND		ug/kg	34.2	4.61	1	A
Aroclor 1248	ND		ug/kg	34.2	5.13	1	A
Aroclor 1254	ND		ug/kg	34.2	3.74	1	A
Aroclor 1260	ND		ug/kg	34.2	6.32	1	A
Aroclor 1262	ND		ug/kg	34.2	4.35	1	A
Aroclor 1268	ND		ug/kg	34.2	3.54	1	A
PCBs, Total	ND		ug/kg	34.2	3.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	122		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-08
Client ID: AJ-EX-SW
Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:35
Date Received: 03/07/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/11/19 13:50
Analyst: WR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 03/09/19 00:15
Cleanup Method: EPA 3665A
Cleanup Date: 03/09/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/10/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.9	3.19	1	A
Aroclor 1221	ND		ug/kg	35.9	3.60	1	A
Aroclor 1232	ND		ug/kg	35.9	7.62	1	A
Aroclor 1242	ND		ug/kg	35.9	4.84	1	A
Aroclor 1248	ND		ug/kg	35.9	5.39	1	A
Aroclor 1254	ND		ug/kg	35.9	3.93	1	A
Aroclor 1260	ND		ug/kg	35.9	6.64	1	A
Aroclor 1262	ND		ug/kg	35.9	4.56	1	A
Aroclor 1268	ND		ug/kg	35.9	3.72	1	A
PCBs, Total	ND		ug/kg	35.9	3.19	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	100		30-150	A
Decachlorobiphenyl	100		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-09
Client ID: AJ-EX-EW
Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:20
Date Received: 03/07/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/11/19 12:36
Analyst: WR
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 03/09/19 00:15
Cleanup Method: EPA 3665A
Cleanup Date: 03/09/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/10/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.1	3.11	1	A
Aroclor 1221	ND		ug/kg	35.1	3.51	1	A
Aroclor 1232	ND		ug/kg	35.1	7.43	1	A
Aroclor 1242	ND		ug/kg	35.1	4.73	1	A
Aroclor 1248	ND		ug/kg	35.1	5.26	1	A
Aroclor 1254	ND		ug/kg	35.1	3.84	1	A
Aroclor 1260	ND		ug/kg	35.1	6.48	1	A
Aroclor 1262	ND		ug/kg	35.1	4.45	1	A
Aroclor 1268	ND		ug/kg	35.1	3.63	1	A
PCBs, Total	ND		ug/kg	35.1	3.11	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	107		30-150	A
Decachlorobiphenyl	116		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-10
 Client ID: AJ-EX-WW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:25
 Date Received: 03/07/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 03/11/19 12:48
 Analyst: WR
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 03/09/19 00:15
 Cleanup Method: EPA 3665A
 Cleanup Date: 03/09/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 03/10/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.1	3.11	1	A
Aroclor 1221	ND		ug/kg	35.1	3.51	1	A
Aroclor 1232	ND		ug/kg	35.1	7.43	1	A
Aroclor 1242	ND		ug/kg	35.1	4.73	1	A
Aroclor 1248	ND		ug/kg	35.1	5.26	1	A
Aroclor 1254	ND		ug/kg	35.1	3.84	1	A
Aroclor 1260	ND		ug/kg	35.1	6.48	1	A
Aroclor 1262	ND		ug/kg	35.1	4.45	1	A
Aroclor 1268	ND		ug/kg	35.1	3.63	1	A
PCBs, Total	ND		ug/kg	35.1	3.11	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	126		30-150	A
Decachlorobiphenyl	136		30-150	A
2,4,5,6-Tetrachloro-m-xylene	118		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-12
Client ID: EQUIPMENT RINSATE (031119)
Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:25
Date Received: 03/11/19
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/13/19 23:00
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 03/12/19 23:46
Cleanup Method: EPA 3665A
Cleanup Date: 03/13/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/13/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.013	1	A
Aroclor 1221	ND		ug/l	0.083	0.018	1	A
Aroclor 1232	ND		ug/l	0.083	0.038	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.038	1	A
Aroclor 1254	ND		ug/l	0.083	0.014	1	A
Aroclor 1260	ND		ug/l	0.083	0.029	1	A
Aroclor 1262	ND		ug/l	0.083	0.028	1	A
Aroclor 1268	ND		ug/l	0.083	0.026	1	A
PCBs, Total	ND		ug/l	0.083	0.013	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	90		30-150	B
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	87		30-150	A

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-13
 Client ID: SHEETER PIT #3-NW
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 08:55
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 03/13/19 19:55
 Analyst: WR
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 03/12/19 12:09
 Cleanup Method: EPA 3665A
 Cleanup Date: 03/13/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 03/13/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.0	3.02	1	A
Aroclor 1221	ND		ug/kg	34.0	3.40	1	A
Aroclor 1232	ND		ug/kg	34.0	7.20	1	A
Aroclor 1242	ND		ug/kg	34.0	4.58	1	A
Aroclor 1248	ND		ug/kg	34.0	5.10	1	A
Aroclor 1254	ND		ug/kg	34.0	3.72	1	A
Aroclor 1260	ND		ug/kg	34.0	6.28	1	A
Aroclor 1262	ND		ug/kg	34.0	4.31	1	A
Aroclor 1268	ND		ug/kg	34.0	3.52	1	A
PCBs, Total	ND		ug/kg	34.0	3.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-14
Client ID: SHEETER PIT #3-WW
Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:00
Date Received: 03/11/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/13/19 20:08
Analyst: WR
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 03/12/19 12:09
Cleanup Method: EPA 3665A
Cleanup Date: 03/13/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/13/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	32.6	2.90	1	A
Aroclor 1221	ND		ug/kg	32.6	3.27	1	A
Aroclor 1232	ND		ug/kg	32.6	6.91	1	A
Aroclor 1242	ND		ug/kg	32.6	4.39	1	A
Aroclor 1248	ND		ug/kg	32.6	4.89	1	A
Aroclor 1254	ND		ug/kg	32.6	3.57	1	A
Aroclor 1260	ND		ug/kg	32.6	6.02	1	A
Aroclor 1262	ND		ug/kg	32.6	4.14	1	A
Aroclor 1268	ND		ug/kg	32.6	3.38	1	A
PCBs, Total	ND		ug/kg	32.6	2.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-15
Client ID: SHEETER PIT #3-SW
Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:05
Date Received: 03/11/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/13/19 20:20
Analyst: WR
Percent Solids: 98%

Extraction Method: EPA 3546
Extraction Date: 03/12/19 12:09
Cleanup Method: EPA 3665A
Cleanup Date: 03/13/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/13/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.0	3.02	1	A
Aroclor 1221	ND		ug/kg	34.0	3.41	1	A
Aroclor 1232	ND		ug/kg	34.0	7.21	1	A
Aroclor 1242	ND		ug/kg	34.0	4.58	1	A
Aroclor 1248	ND		ug/kg	34.0	5.10	1	A
Aroclor 1254	ND		ug/kg	34.0	3.72	1	A
Aroclor 1260	ND		ug/kg	34.0	6.28	1	A
Aroclor 1262	ND		ug/kg	34.0	4.32	1	A
Aroclor 1268	ND		ug/kg	34.0	3.52	1	A
PCBs, Total	ND		ug/kg	34.0	3.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-16
 Client ID: SHEETER PIT #3-BOTTOM
 Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:15
 Date Received: 03/11/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 03/13/19 20:32
 Analyst: WR
 Percent Solids: 98%

Extraction Method: EPA 3546
 Extraction Date: 03/12/19 12:09
 Cleanup Method: EPA 3665A
 Cleanup Date: 03/13/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 03/13/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	32.4	2.88	1	A
Aroclor 1221	ND		ug/kg	32.4	3.24	1	A
Aroclor 1232	ND		ug/kg	32.4	6.86	1	A
Aroclor 1242	ND		ug/kg	32.4	4.36	1	A
Aroclor 1248	ND		ug/kg	32.4	4.86	1	A
Aroclor 1254	ND		ug/kg	32.4	3.54	1	A
Aroclor 1260	ND		ug/kg	32.4	5.98	1	A
Aroclor 1262	ND		ug/kg	32.4	4.11	1	A
Aroclor 1268	ND		ug/kg	32.4	3.35	1	A
PCBs, Total	ND		ug/kg	32.4	2.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-17
Client ID: SHEETER PIT#3-EW
Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/11/19 09:10
Date Received: 03/11/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/13/19 20:45
Analyst: WR
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 03/12/19 12:09
Cleanup Method: EPA 3665A
Cleanup Date: 03/13/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/13/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	32.9	2.92	1	A
Aroclor 1221	ND		ug/kg	32.9	3.29	1	A
Aroclor 1232	ND		ug/kg	32.9	6.97	1	A
Aroclor 1242	ND		ug/kg	32.9	4.43	1	A
Aroclor 1248	ND		ug/kg	32.9	4.93	1	A
Aroclor 1254	ND		ug/kg	32.9	3.60	1	A
Aroclor 1260	ND		ug/kg	32.9	6.08	1	A
Aroclor 1262	ND		ug/kg	32.9	4.17	1	A
Aroclor 1268	ND		ug/kg	32.9	3.40	1	A
PCBs, Total	ND		ug/kg	32.9	2.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/08/19 03:28
Analyst: AWS

Extraction Method: EPA 3546
Extraction Date: 03/05/19 00:32
Cleanup Method: EPA 3665A
Cleanup Date: 03/07/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/07/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1212398-1						
Aroclor 1016	ND		ug/kg	32.4	2.88	A
Aroclor 1221	ND		ug/kg	32.4	3.24	A
Aroclor 1232	ND		ug/kg	32.4	6.86	A
Aroclor 1242	ND		ug/kg	32.4	4.36	A
Aroclor 1248	ND		ug/kg	32.4	4.86	A
Aroclor 1254	ND		ug/kg	32.4	3.54	A
Aroclor 1260	ND		ug/kg	32.4	5.98	A
Aroclor 1262	ND		ug/kg	32.4	4.11	A
Aroclor 1268	ND		ug/kg	32.4	3.35	A
PCBs, Total	ND		ug/kg	32.4	2.88	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 03/11/19 14:27
Analyst: HT

Extraction Method: EPA 3546
Extraction Date: 03/09/19 00:15
Cleanup Method: EPA 3665A
Cleanup Date: 03/09/19
Cleanup Method: EPA 3660B
Cleanup Date: 03/10/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02-10 Batch: WG1213969-1						
Aroclor 1016	ND		ug/kg	31.9	2.83	A
Aroclor 1221	ND		ug/kg	31.9	3.20	A
Aroclor 1232	ND		ug/kg	31.9	6.76	A
Aroclor 1248	ND		ug/kg	31.9	4.79	A
Aroclor 1254	ND		ug/kg	31.9	3.49	A
Aroclor 1260	ND		ug/kg	31.9	5.90	A
Aroclor 1262	ND		ug/kg	31.9	4.05	A
Aroclor 1268	ND		ug/kg	31.9	3.30	A
Aroclor 1242	7.72	J	ug/kg	31.9	4.30	B
PCBs, Total	7.72	J	ug/kg	31.9	2.83	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	114		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
 Analytical Date: 03/13/19 19:06
 Analyst: AWS

Extraction Method: EPA 3546
 Extraction Date: 03/12/19 12:09
 Cleanup Method: EPA 3665A
 Cleanup Date: 03/13/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 03/13/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 13-17 Batch: WG1214799-1						
Aroclor 1016	ND		ug/kg	31.6	2.81	A
Aroclor 1221	ND		ug/kg	31.6	3.17	A
Aroclor 1232	ND		ug/kg	31.6	6.70	A
Aroclor 1242	ND		ug/kg	31.6	4.26	A
Aroclor 1248	ND		ug/kg	31.6	4.74	A
Aroclor 1254	ND		ug/kg	31.6	3.46	A
Aroclor 1260	ND		ug/kg	31.6	5.84	A
Aroclor 1262	ND		ug/kg	31.6	4.02	A
Aroclor 1268	ND		ug/kg	31.6	3.28	A
PCBs, Total	ND		ug/kg	31.6	2.81	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
 Analytical Date: 03/13/19 22:23
 Analyst: WR

Extraction Method: EPA 3510C
 Extraction Date: 03/12/19 23:46
 Cleanup Method: EPA 3665A
 Cleanup Date: 03/13/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 03/13/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 12 Batch: WG1214955-1						
Aroclor 1016	ND		ug/l	0.083	0.013	A
Aroclor 1221	ND		ug/l	0.083	0.018	A
Aroclor 1232	ND		ug/l	0.083	0.038	A
Aroclor 1242	ND		ug/l	0.083	0.030	A
Aroclor 1248	ND		ug/l	0.083	0.038	A
Aroclor 1254	ND		ug/l	0.083	0.014	A
Aroclor 1260	ND		ug/l	0.083	0.029	A
Aroclor 1262	ND		ug/l	0.083	0.028	A
Aroclor 1268	ND		ug/l	0.083	0.026	A
PCBs, Total	ND		ug/l	0.083	0.013	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	81		30-150	A

Lab Control Sample Analysis Batch Quality Control

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1212398-2 WG1212398-3									
Aroclor 1016	83		82		40-140	1		50	A
Aroclor 1260	78		76		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		91		30-150	A
Decachlorobiphenyl	87		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		97		30-150	B
Decachlorobiphenyl	109		107		30-150	B



Lab Control Sample Analysis Batch Quality Control

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02-10 Batch: WG1213969-2 WG1213969-3									
Aroclor 1016	113		120		40-140	6		50	A
Aroclor 1260	112		121		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		105		30-150	A
Decachlorobiphenyl	104		119		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		98		30-150	B
Decachlorobiphenyl	75		82		30-150	B



Lab Control Sample Analysis Batch Quality Control

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 13-17 Batch: WG1214799-2 WG1214799-3									
Aroclor 1016	80		72		40-140	11		50	A
Aroclor 1260	74		67		40-140	10		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		70		30-150	A
Decachlorobiphenyl	84		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		68		30-150	B
Decachlorobiphenyl	85		75		30-150	B



Lab Control Sample Analysis Batch Quality Control

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 12 Batch: WG1214955-2 WG1214955-3									
Aroclor 1016	73		71		40-140	3		50	A
Aroclor 1260	70		70		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		66		30-150	B
Decachlorobiphenyl	99		94		30-150	B
2,4,5,6-Tetrachloro-m-xylene	71		69		30-150	A
Decachlorobiphenyl	96		93		30-150	A



Matrix Spike Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>	<i>Column</i>
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02-10 QC Batch ID: WG1213969-4 WG1213969-5 QC Sample: L1908144-08 Client ID: AJ-EX-SW													
Aroclor 1016	ND	219	303	138		314	140		40-140	4		50	A
Aroclor 1260	ND	219	259	118		254	113		40-140	2		50	A

<i>Surrogate</i>	<i>MS</i>		<i>MSD</i>		<i>Acceptance Criteria</i>	<i>Column</i>
	<i>% Recovery</i>	<i>Qualifier</i>	<i>% Recovery</i>	<i>Qualifier</i>		
2,4,5,6-Tetrachloro-m-xylene	111		104		30-150	A
Decachlorobiphenyl	105		100		30-150	A
2,4,5,6-Tetrachloro-m-xylene	101		95		30-150	B
Decachlorobiphenyl	76		73		30-150	B

METALS

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-01

Date Collected: 02/27/19 13:00

Client ID: DC-EX-BOTTOM

Date Received: 03/01/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3920		mg/kg	8.81	2.38	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB
Antimony, Total	0.872	J	mg/kg	4.40	0.335	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB
Arsenic, Total	7.56		mg/kg	0.881	0.183	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB
Barium, Total	46.2		mg/kg	0.881	0.153	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB
Beryllium, Total	0.220	J	mg/kg	0.440	0.029	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB
Cadmium, Total	0.978		mg/kg	0.881	0.086	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB
Calcium, Total	29100		mg/kg	8.81	3.08	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB
Chromium, Total	7.05		mg/kg	0.881	0.085	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB
Cobalt, Total	2.98		mg/kg	1.76	0.146	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB
Copper, Total	14.9		mg/kg	0.881	0.227	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB
Iron, Total	14700		mg/kg	4.40	0.795	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB
Lead, Total	70.3		mg/kg	4.40	0.236	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB
Magnesium, Total	2910		mg/kg	8.81	1.36	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB
Manganese, Total	275		mg/kg	0.881	0.140	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB
Mercury, Total	0.047	J	mg/kg	0.070	0.015	1	03/05/19 01:40	03/05/19 16:57	EPA 7471B	1,7471B	GD
Nickel, Total	7.38		mg/kg	2.20	0.213	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB
Potassium, Total	674		mg/kg	220	12.7	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	1.76	0.227	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.881	0.249	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB
Sodium, Total	155	J	mg/kg	176	2.77	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.76	0.277	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB
Vanadium, Total	12.1		mg/kg	0.881	0.179	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB
Zinc, Total	76.8		mg/kg	4.40	0.258	2	03/04/19 19:30	03/05/19 01:10	EPA 3050B	1,6010D	AB



Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-02

Date Collected: 03/06/19 10:00

Client ID: DC-EX-NW

Date Received: 03/07/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4150		mg/kg	8.88	2.40	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC
Antimony, Total	0.914	J	mg/kg	4.44	0.337	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC
Arsenic, Total	14.2		mg/kg	0.888	0.185	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC
Barium, Total	43.8		mg/kg	0.888	0.154	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC
Beryllium, Total	0.444		mg/kg	0.444	0.029	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.888	0.087	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC
Calcium, Total	11100		mg/kg	8.88	3.11	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC
Chromium, Total	7.92		mg/kg	0.888	0.085	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC
Cobalt, Total	3.70		mg/kg	1.78	0.147	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC
Copper, Total	15.3		mg/kg	0.888	0.229	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC
Iron, Total	13800		mg/kg	4.44	0.802	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC
Lead, Total	43.3		mg/kg	4.44	0.238	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC
Magnesium, Total	1870		mg/kg	8.88	1.37	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC
Manganese, Total	224		mg/kg	0.888	0.141	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.072	0.015	1	03/09/19 07:20	03/12/19 16:23	EPA 7471B	1,7471B	BV
Nickel, Total	6.66		mg/kg	2.22	0.215	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC
Potassium, Total	676		mg/kg	222	12.8	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC
Selenium, Total	0.754	J	mg/kg	1.78	0.229	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.888	0.251	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC
Sodium, Total	142	J	mg/kg	178	2.80	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.78	0.280	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC
Vanadium, Total	10.6		mg/kg	0.888	0.180	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC
Zinc, Total	45.5		mg/kg	4.44	0.260	2	03/08/19 18:00	03/11/19 18:08	EPA 3050B	1,6010D	LC



Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-03

Date Collected: 03/06/19 10:15

Client ID: DC-EX-EW

Date Received: 03/07/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4280		mg/kg	8.47	2.29	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC
Antimony, Total	0.449	J	mg/kg	4.23	0.322	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC
Arsenic, Total	4.67		mg/kg	0.847	0.176	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC
Barium, Total	36.8		mg/kg	0.847	0.147	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC
Beryllium, Total	0.186	J	mg/kg	0.423	0.028	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.847	0.083	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC
Calcium, Total	29600		mg/kg	8.47	2.96	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC
Chromium, Total	5.39		mg/kg	0.847	0.081	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC
Cobalt, Total	3.28		mg/kg	1.69	0.140	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC
Copper, Total	3.44		mg/kg	0.847	0.218	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC
Iron, Total	9900		mg/kg	4.23	0.765	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC
Lead, Total	11.2		mg/kg	4.23	0.227	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC
Magnesium, Total	3460		mg/kg	8.47	1.30	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC
Manganese, Total	290		mg/kg	0.847	0.135	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.069	0.015	1	03/09/19 07:20	03/12/19 16:25	EPA 7471B	1,7471B	BV
Nickel, Total	5.11		mg/kg	2.12	0.205	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC
Potassium, Total	854		mg/kg	212	12.2	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC
Selenium, Total	0.339	J	mg/kg	1.69	0.218	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.847	0.240	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC
Sodium, Total	170		mg/kg	169	2.67	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.69	0.267	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC
Vanadium, Total	11.2		mg/kg	0.847	0.172	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC
Zinc, Total	22.8		mg/kg	4.23	0.248	2	03/08/19 18:00	03/11/19 18:13	EPA 3050B	1,6010D	LC



Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-04

Date Collected: 03/06/19 10:25

Client ID: DC-EX-SW

Date Received: 03/07/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4610		mg/kg	8.66	2.34	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC
Antimony, Total	0.563	J	mg/kg	4.33	0.329	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC
Arsenic, Total	7.52		mg/kg	0.866	0.180	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC
Barium, Total	38.4		mg/kg	0.866	0.151	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC
Beryllium, Total	0.268	J	mg/kg	0.433	0.029	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.866	0.085	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC
Calcium, Total	11700		mg/kg	8.66	3.03	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC
Chromium, Total	5.14		mg/kg	0.866	0.083	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC
Cobalt, Total	3.78		mg/kg	1.73	0.144	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC
Copper, Total	9.81		mg/kg	0.866	0.223	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC
Iron, Total	10600		mg/kg	4.33	0.782	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC
Lead, Total	23.2		mg/kg	4.33	0.232	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC
Magnesium, Total	2960		mg/kg	8.66	1.33	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC
Manganese, Total	236		mg/kg	0.866	0.138	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.072	0.015	1	03/09/19 07:20	03/12/19 16:27	EPA 7471B	1,7471B	BV
Nickel, Total	6.45		mg/kg	2.16	0.210	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC
Potassium, Total	740		mg/kg	216	12.5	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC
Selenium, Total	0.806	J	mg/kg	1.73	0.223	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.866	0.245	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC
Sodium, Total	189		mg/kg	173	2.73	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.73	0.273	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC
Vanadium, Total	8.96		mg/kg	0.866	0.176	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC
Zinc, Total	47.1		mg/kg	4.33	0.254	2	03/08/19 18:00	03/11/19 18:29	EPA 3050B	1,6010D	LC



Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-05

Date Collected: 03/06/19 10:25

Client ID: DC-EX-SW DUPLICATE

Date Received: 03/07/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3920		mg/kg	8.78	2.37	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC
Antimony, Total	0.773	J	mg/kg	4.39	0.334	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC
Arsenic, Total	8.55		mg/kg	0.878	0.183	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC
Barium, Total	36.3		mg/kg	0.878	0.153	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC
Beryllium, Total	0.272	J	mg/kg	0.439	0.029	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.878	0.086	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC
Calcium, Total	9580		mg/kg	8.78	3.07	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC
Chromium, Total	5.03		mg/kg	0.878	0.084	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC
Cobalt, Total	3.97		mg/kg	1.76	0.146	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC
Copper, Total	11.1		mg/kg	0.878	0.227	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC
Iron, Total	11800		mg/kg	4.39	0.793	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC
Lead, Total	29.0		mg/kg	4.39	0.235	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC
Magnesium, Total	2150		mg/kg	8.78	1.35	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC
Manganese, Total	235		mg/kg	0.878	0.140	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.071	0.015	1	03/09/19 07:20	03/12/19 16:29	EPA 7471B	1,7471B	BV
Nickel, Total	7.13		mg/kg	2.20	0.213	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC
Potassium, Total	707		mg/kg	220	12.6	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC
Selenium, Total	0.808	J	mg/kg	1.76	0.227	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.878	0.249	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC
Sodium, Total	152	J	mg/kg	176	2.77	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.76	0.277	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC
Vanadium, Total	8.73		mg/kg	0.878	0.178	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC
Zinc, Total	54.6		mg/kg	4.39	0.257	2	03/08/19 18:00	03/11/19 18:34	EPA 3050B	1,6010D	LC



Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-06

Date Collected: 03/06/19 11:30

Client ID: AJ-EX-BOTTOM

Date Received: 03/07/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3320		mg/kg	8.41	2.27	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC
Antimony, Total	2.30	J	mg/kg	4.21	0.320	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC
Arsenic, Total	22.1		mg/kg	0.841	0.175	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC
Barium, Total	479		mg/kg	0.841	0.146	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC
Beryllium, Total	0.151	J	mg/kg	0.421	0.028	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.841	0.082	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC
Calcium, Total	24300		mg/kg	8.41	2.94	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC
Chromium, Total	14.2		mg/kg	0.841	0.081	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC
Cobalt, Total	3.06		mg/kg	1.68	0.140	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC
Copper, Total	39.2		mg/kg	0.841	0.217	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC
Iron, Total	18900		mg/kg	4.21	0.760	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC
Lead, Total	370		mg/kg	4.21	0.225	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC
Magnesium, Total	3200		mg/kg	8.41	1.30	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC
Manganese, Total	345		mg/kg	0.841	0.134	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC
Mercury, Total	0.061	J	mg/kg	0.068	0.014	1	03/09/19 07:20	03/12/19 16:30	EPA 7471B	1,7471B	BV
Nickel, Total	9.10		mg/kg	2.10	0.204	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC
Potassium, Total	546		mg/kg	210	12.1	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC
Selenium, Total	0.850	J	mg/kg	1.68	0.217	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.841	0.238	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC
Sodium, Total	235		mg/kg	168	2.65	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC
Thallium, Total	0.303	J	mg/kg	1.68	0.265	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC
Vanadium, Total	13.1		mg/kg	0.841	0.171	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC
Zinc, Total	1360		mg/kg	4.21	0.246	2	03/08/19 18:00	03/11/19 18:38	EPA 3050B	1,6010D	LC



Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-07

Date Collected: 03/06/19 11:15

Client ID: AJ-EX-NW

Date Received: 03/07/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4110		mg/kg	8.20	2.22	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC
Antimony, Total	1.76	J	mg/kg	4.10	0.312	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC
Arsenic, Total	9.52		mg/kg	0.820	0.171	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC
Barium, Total	159		mg/kg	0.820	0.143	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC
Beryllium, Total	0.213	J	mg/kg	0.410	0.027	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.820	0.080	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC
Calcium, Total	19600		mg/kg	8.20	2.87	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC
Chromium, Total	9.66		mg/kg	0.820	0.079	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC
Cobalt, Total	4.78		mg/kg	1.64	0.136	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC
Copper, Total	31.6		mg/kg	0.820	0.212	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC
Iron, Total	20100		mg/kg	4.10	0.741	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC
Lead, Total	88.0		mg/kg	4.10	0.220	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC
Magnesium, Total	2800		mg/kg	8.20	1.26	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC
Manganese, Total	331		mg/kg	0.820	0.130	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC
Mercury, Total	0.040	J	mg/kg	0.067	0.014	1	03/09/19 07:20	03/12/19 16:34	EPA 7471B	1,7471B	BV
Nickel, Total	17.2		mg/kg	2.05	0.198	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC
Potassium, Total	897		mg/kg	205	11.8	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC
Selenium, Total	1.13	J	mg/kg	1.64	0.212	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.820	0.232	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC
Sodium, Total	292		mg/kg	164	2.58	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC
Thallium, Total	0.320	J	mg/kg	1.64	0.258	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC
Vanadium, Total	12.8		mg/kg	0.820	0.166	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC
Zinc, Total	154		mg/kg	4.10	0.240	2	03/08/19 18:00	03/11/19 18:42	EPA 3050B	1,6010D	LC



Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-08

Date Collected: 03/06/19 11:35

Client ID: AJ-EX-SW

Date Received: 03/07/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3350		mg/kg	8.60	2.32	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC
Antimony, Total	0.817	J	mg/kg	4.30	0.327	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC
Arsenic, Total	3.28		mg/kg	0.860	0.179	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC
Barium, Total	22.5		mg/kg	0.860	0.150	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC
Beryllium, Total	0.180	J	mg/kg	0.430	0.028	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.860	0.084	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC
Calcium, Total	8460		mg/kg	8.60	3.01	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC
Chromium, Total	6.25		mg/kg	0.860	0.083	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC
Cobalt, Total	1.63	J	mg/kg	1.72	0.143	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC
Copper, Total	182		mg/kg	0.860	0.222	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC
Iron, Total	11300		mg/kg	4.30	0.776	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC
Lead, Total	16.0		mg/kg	4.30	0.230	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC
Magnesium, Total	3460		mg/kg	8.60	1.32	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC
Manganese, Total	213		mg/kg	0.860	0.137	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.069	0.015	1	03/09/19 07:20	03/12/19 16:07	EPA 7471B	1,7471B	BV
Nickel, Total	8.90		mg/kg	2.15	0.208	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC
Potassium, Total	470		mg/kg	215	12.4	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC
Selenium, Total	0.645	J	mg/kg	1.72	0.222	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.860	0.243	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC
Sodium, Total	766		mg/kg	172	2.71	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.72	0.271	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC
Vanadium, Total	5.88		mg/kg	0.860	0.174	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC
Zinc, Total	25.9		mg/kg	4.30	0.252	2	03/08/19 18:00	03/11/19 17:48	EPA 3050B	1,6010D	LC



Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-09

Date Collected: 03/06/19 11:20

Client ID: AJ-EX-EW

Date Received: 03/07/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2750		mg/kg	8.50	2.29	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC
Antimony, Total	1.04	J	mg/kg	4.25	0.323	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC
Arsenic, Total	4.62		mg/kg	0.850	0.177	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC
Barium, Total	20.0		mg/kg	0.850	0.148	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC
Beryllium, Total	0.170	J	mg/kg	0.425	0.028	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.850	0.083	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC
Calcium, Total	8210		mg/kg	8.50	2.97	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC
Chromium, Total	11.5		mg/kg	0.850	0.082	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC
Cobalt, Total	2.22		mg/kg	1.70	0.141	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC
Copper, Total	87.1		mg/kg	0.850	0.219	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC
Iron, Total	16500		mg/kg	4.25	0.768	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC
Lead, Total	11.5		mg/kg	4.25	0.228	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC
Magnesium, Total	3710		mg/kg	8.50	1.31	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC
Manganese, Total	180		mg/kg	0.850	0.135	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.069	0.015	1	03/09/19 07:20	03/12/19 16:36	EPA 7471B	1,7471B	BV
Nickel, Total	16.6		mg/kg	2.12	0.206	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC
Potassium, Total	402		mg/kg	212	12.2	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC
Selenium, Total	0.433	J	mg/kg	1.70	0.219	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.850	0.240	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC
Sodium, Total	504		mg/kg	170	2.68	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.70	0.268	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC
Vanadium, Total	7.51		mg/kg	0.850	0.172	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC
Zinc, Total	21.1		mg/kg	4.25	0.249	2	03/08/19 18:00	03/11/19 18:46	EPA 3050B	1,6010D	LC



Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-10

Date Collected: 03/06/19 11:25

Client ID: AJ-EX-WW

Date Received: 03/07/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3200		mg/kg	8.29	2.24	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC
Antimony, Total	0.622	J	mg/kg	4.15	0.315	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC
Arsenic, Total	3.57		mg/kg	0.829	0.172	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC
Barium, Total	43.5		mg/kg	0.829	0.144	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC
Beryllium, Total	0.274	J	mg/kg	0.415	0.027	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.829	0.081	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC
Calcium, Total	9260		mg/kg	8.29	2.90	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC
Chromium, Total	6.55		mg/kg	0.829	0.080	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC
Cobalt, Total	2.11		mg/kg	1.66	0.138	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC
Copper, Total	23.0		mg/kg	0.829	0.214	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC
Iron, Total	10600		mg/kg	4.15	0.749	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC
Lead, Total	22.0		mg/kg	4.15	0.222	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC
Magnesium, Total	3100		mg/kg	8.29	1.28	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC
Manganese, Total	201		mg/kg	0.829	0.132	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.068	0.014	1	03/09/19 07:20	03/12/19 16:42	EPA 7471B	1,7471B	BV
Nickel, Total	8.81		mg/kg	2.07	0.201	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC
Potassium, Total	730		mg/kg	207	11.9	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC
Selenium, Total	0.539	J	mg/kg	1.66	0.214	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.829	0.235	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC
Sodium, Total	444		mg/kg	166	2.61	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.66	0.261	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC
Vanadium, Total	6.77		mg/kg	0.829	0.168	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC
Zinc, Total	37.2		mg/kg	4.15	0.243	2	03/08/19 18:00	03/11/19 18:50	EPA 3050B	1,6010D	LC



Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-12

Date Collected: 03/11/19 09:25

Client ID: EQUIPMENT RINSATE (031119)

Date Received: 03/11/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.032	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB
Antimony, Total	ND		mg/l	0.050	0.007	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB
Arsenic, Total	ND		mg/l	0.005	0.002	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB
Barium, Total	ND		mg/l	0.010	0.002	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB
Beryllium, Total	ND		mg/l	0.005	0.001	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB
Cadmium, Total	ND		mg/l	0.005	0.001	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB
Calcium, Total	ND		mg/l	0.100	0.035	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB
Chromium, Total	ND		mg/l	0.010	0.002	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB
Cobalt, Total	ND		mg/l	0.020	0.002	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB
Copper, Total	ND		mg/l	0.010	0.002	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB
Iron, Total	ND		mg/l	0.050	0.009	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB
Lead, Total	ND		mg/l	0.010	0.003	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB
Magnesium, Total	ND		mg/l	0.100	0.015	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB
Manganese, Total	ND		mg/l	0.010	0.002	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB
Mercury, Total	ND		mg/l	0.00020	0.00006	1	03/13/19 10:51	03/14/19 21:05	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.025	0.002	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB
Potassium, Total	ND		mg/l	2.50	0.237	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB
Selenium, Total	ND		mg/l	0.010	0.004	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB
Silver, Total	ND		mg/l	0.007	0.003	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB
Sodium, Total	ND		mg/l	2.00	0.120	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB
Thallium, Total	ND		mg/l	0.020	0.003	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB
Vanadium, Total	ND		mg/l	0.010	0.002	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB
Zinc, Total	ND		mg/l	0.050	0.002	1	03/12/19 12:51	03/13/19 17:07	EPA 3005A	1,6010D	AB



Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-13

Date Collected: 03/11/19 08:55

Client ID: SHEETER PIT #3-NW

Date Received: 03/11/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3320		mg/kg	8.13	2.20	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.06	0.309	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB
Arsenic, Total	3.27		mg/kg	0.813	0.169	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB
Barium, Total	17.1		mg/kg	0.813	0.141	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB
Beryllium, Total	0.098	J	mg/kg	0.406	0.027	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB
Cadmium, Total	0.398	J	mg/kg	0.813	0.080	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB
Calcium, Total	31200		mg/kg	8.13	2.84	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB
Chromium, Total	5.72		mg/kg	0.813	0.078	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB
Cobalt, Total	3.22		mg/kg	1.63	0.135	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB
Copper, Total	9.32		mg/kg	0.813	0.210	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB
Iron, Total	9480		mg/kg	4.06	0.734	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB
Lead, Total	10.8		mg/kg	4.06	0.218	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB
Magnesium, Total	3070		mg/kg	8.13	1.25	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB
Manganese, Total	240		mg/kg	0.813	0.129	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.066	0.014	1	03/13/19 04:10	03/16/19 13:13	EPA 7471B	1,7471B	BV
Nickel, Total	3.77		mg/kg	2.03	0.197	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB
Potassium, Total	719		mg/kg	203	11.7	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB
Selenium, Total	0.488	J	mg/kg	1.63	0.210	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.813	0.230	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB
Sodium, Total	220		mg/kg	163	2.56	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.63	0.256	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB
Vanadium, Total	11.8		mg/kg	0.813	0.165	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB
Zinc, Total	156		mg/kg	4.06	0.238	2	03/12/19 19:44	03/13/19 23:16	EPA 3050B	1,6010D	AB



Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-14

Date Collected: 03/11/19 09:00

Client ID: SHEETER PIT #3-WW

Date Received: 03/11/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2900		mg/kg	8.26	2.23	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.13	0.314	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB
Arsenic, Total	2.68		mg/kg	0.826	0.172	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB
Barium, Total	13.1		mg/kg	0.826	0.144	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB
Beryllium, Total	0.033	J	mg/kg	0.413	0.027	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB
Cadmium, Total	0.124	J	mg/kg	0.826	0.081	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB
Calcium, Total	35600		mg/kg	8.26	2.89	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB
Chromium, Total	4.70		mg/kg	0.826	0.079	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB
Cobalt, Total	2.13		mg/kg	1.65	0.137	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB
Copper, Total	4.06		mg/kg	0.826	0.213	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB
Iron, Total	8610		mg/kg	4.13	0.746	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB
Lead, Total	16.5		mg/kg	4.13	0.221	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB
Magnesium, Total	3710		mg/kg	8.26	1.27	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB
Manganese, Total	197		mg/kg	0.826	0.131	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.066	0.014	1	03/13/19 04:10	03/16/19 13:21	EPA 7471B	1,7471B	BV
Nickel, Total	3.07		mg/kg	2.06	0.200	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB
Potassium, Total	580		mg/kg	206	11.9	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB
Selenium, Total	0.272	J	mg/kg	1.65	0.213	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.826	0.234	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB
Sodium, Total	151	J	mg/kg	165	2.60	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.65	0.260	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB
Vanadium, Total	11.1		mg/kg	0.826	0.168	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB
Zinc, Total	16.2		mg/kg	4.13	0.242	2	03/12/19 19:44	03/13/19 23:34	EPA 3050B	1,6010D	AB



Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-15

Date Collected: 03/11/19 09:05

Client ID: SHEETER PIT #3-SW

Date Received: 03/11/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 98%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2040		mg/kg	7.74	2.09	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	3.87	0.294	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB
Arsenic, Total	1.93		mg/kg	0.774	0.161	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB
Barium, Total	9.16		mg/kg	0.774	0.135	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB
Beryllium, Total	ND		mg/kg	0.387	0.026	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB
Cadmium, Total	0.093	J	mg/kg	0.774	0.076	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB
Calcium, Total	38200		mg/kg	7.74	2.71	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB
Chromium, Total	3.85		mg/kg	0.774	0.074	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB
Cobalt, Total	1.97		mg/kg	1.55	0.128	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB
Copper, Total	1.40		mg/kg	0.774	0.200	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB
Iron, Total	6590		mg/kg	3.87	0.699	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB
Lead, Total	2.77	J	mg/kg	3.87	0.207	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB
Magnesium, Total	4240		mg/kg	7.74	1.19	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB
Manganese, Total	142		mg/kg	0.774	0.123	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.065	0.014	1	03/13/19 04:10	03/16/19 13:23	EPA 7471B	1,7471B	BV
Nickel, Total	2.26		mg/kg	1.94	0.187	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB
Potassium, Total	369		mg/kg	194	11.1	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB
Selenium, Total	0.209	J	mg/kg	1.55	0.200	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.774	0.219	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB
Sodium, Total	153	J	mg/kg	155	2.44	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.55	0.244	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB
Vanadium, Total	10.9		mg/kg	0.774	0.157	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB
Zinc, Total	10.8		mg/kg	3.87	0.227	2	03/12/19 19:44	03/13/19 23:38	EPA 3050B	1,6010D	AB



Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-16

Date Collected: 03/11/19 09:15

Client ID: SHEETER PIT #3-BOTTOM

Date Received: 03/11/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 98%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4140		mg/kg	7.86	2.12	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	3.93	0.299	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB
Arsenic, Total	3.38		mg/kg	0.786	0.164	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB
Barium, Total	19.7		mg/kg	0.786	0.137	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB
Beryllium, Total	0.094	J	mg/kg	0.393	0.026	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB
Cadmium, Total	0.307	J	mg/kg	0.786	0.077	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB
Calcium, Total	31200		mg/kg	7.86	2.75	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB
Chromium, Total	6.53		mg/kg	0.786	0.076	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB
Cobalt, Total	3.17		mg/kg	1.57	0.130	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB
Copper, Total	10.0		mg/kg	0.786	0.203	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB
Iron, Total	12600		mg/kg	3.93	0.710	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB
Lead, Total	10.2		mg/kg	3.93	0.211	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB
Magnesium, Total	3440		mg/kg	7.86	1.21	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB
Manganese, Total	351		mg/kg	0.786	0.125	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.065	0.014	1	03/13/19 04:10	03/16/19 13:25	EPA 7471B	1,7471B	BV
Nickel, Total	4.44		mg/kg	1.96	0.190	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB
Potassium, Total	687		mg/kg	196	11.3	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB
Selenium, Total	0.275	J	mg/kg	1.57	0.203	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.786	0.222	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB
Sodium, Total	233		mg/kg	157	2.48	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.57	0.248	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB
Vanadium, Total	14.0		mg/kg	0.786	0.160	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB
Zinc, Total	94.4		mg/kg	3.93	0.230	2	03/12/19 19:44	03/14/19 00:01	EPA 3050B	1,6010D	AB



Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-17

Date Collected: 03/11/19 09:10

Client ID: SHEETER PIT#3-EW

Date Received: 03/11/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3060		mg/kg	8.29	2.24	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.14	0.315	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB
Arsenic, Total	2.44		mg/kg	0.829	0.172	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB
Barium, Total	12.8		mg/kg	0.829	0.144	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB
Beryllium, Total	0.075	J	mg/kg	0.414	0.027	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB
Cadmium, Total	0.116	J	mg/kg	0.829	0.081	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB
Calcium, Total	32700		mg/kg	8.29	2.90	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB
Chromium, Total	4.77		mg/kg	0.829	0.080	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB
Cobalt, Total	2.11		mg/kg	1.66	0.138	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB
Copper, Total	2.34		mg/kg	0.829	0.214	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB
Iron, Total	7700		mg/kg	4.14	0.748	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB
Lead, Total	4.92		mg/kg	4.14	0.222	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB
Magnesium, Total	3680		mg/kg	8.29	1.28	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB
Manganese, Total	164		mg/kg	0.829	0.132	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.066	0.014	1	03/13/19 04:10	03/16/19 13:27	EPA 7471B	1,7471B	BV
Nickel, Total	3.19		mg/kg	2.07	0.200	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB
Potassium, Total	540		mg/kg	207	11.9	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB
Selenium, Total	0.348	J	mg/kg	1.66	0.214	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.829	0.234	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB
Sodium, Total	155	J	mg/kg	166	2.61	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.66	0.261	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB
Vanadium, Total	10.8		mg/kg	0.829	0.168	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB
Zinc, Total	15.4		mg/kg	4.14	0.243	2	03/12/19 19:44	03/14/19 00:06	EPA 3050B	1,6010D	AB



Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1212358-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB
Antimony, Total	ND		mg/kg	2.00	0.152	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB
Calcium, Total	ND		mg/kg	4.00	1.40	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB
Copper, Total	ND		mg/kg	0.400	0.103	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB
Iron, Total	ND		mg/kg	2.00	0.361	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB
Magnesium, Total	ND		mg/kg	4.00	0.616	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB
Manganese, Total	ND		mg/kg	0.400	0.064	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB
Nickel, Total	ND		mg/kg	1.00	0.097	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB
Potassium, Total	ND		mg/kg	100	5.76	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB
Sodium, Total	5.81	J	mg/kg	80.0	1.26	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB
Thallium, Total	ND		mg/kg	0.800	0.126	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB
Zinc, Total	ND		mg/kg	2.00	0.117	1	03/04/19 19:30	03/04/19 23:25	1,6010D	AB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1212400-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	03/05/19 01:40	03/05/19 15:53	1,7471B	GD



Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02-10 Batch: WG1213841-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC
Antimony, Total	ND		mg/kg	2.00	0.152	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC
Arsenic, Total	0.104	J	mg/kg	0.400	0.083	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC
Calcium, Total	ND		mg/kg	4.00	1.40	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC
Iron, Total	0.956	J	mg/kg	2.00	0.361	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC
Manganese, Total	ND		mg/kg	0.400	0.064	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC
Potassium, Total	6.50	J	mg/kg	100	5.76	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC
Sodium, Total	11.8	J	mg/kg	80.0	1.26	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	03/08/19 18:00	03/11/19 17:39	1,6010D	LC

Prep Information

Digestion Method: EPA 3050B



Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02-10 Batch: WG1213995-1									
Mercury, Total	ND	mg/kg	0.083	0.018	1	03/09/19 07:20	03/12/19 16:04	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 12 Batch: WG1214803-1									
Aluminum, Total	ND	mg/l	0.100	0.032	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB
Antimony, Total	ND	mg/l	0.050	0.007	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB
Arsenic, Total	ND	mg/l	0.005	0.002	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB
Barium, Total	ND	mg/l	0.010	0.002	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB
Beryllium, Total	ND	mg/l	0.005	0.001	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB
Cadmium, Total	ND	mg/l	0.005	0.001	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB
Calcium, Total	ND	mg/l	0.100	0.035	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB
Chromium, Total	ND	mg/l	0.010	0.002	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB
Cobalt, Total	ND	mg/l	0.020	0.002	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB
Copper, Total	ND	mg/l	0.010	0.002	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB
Iron, Total	ND	mg/l	0.050	0.009	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB
Lead, Total	ND	mg/l	0.010	0.003	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB
Magnesium, Total	ND	mg/l	0.100	0.015	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB
Manganese, Total	ND	mg/l	0.010	0.002	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB
Nickel, Total	ND	mg/l	0.025	0.002	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB
Potassium, Total	ND	mg/l	2.50	0.237	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB
Selenium, Total	ND	mg/l	0.010	0.004	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB
Silver, Total	ND	mg/l	0.007	0.003	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB
Sodium, Total	ND	mg/l	2.00	0.120	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB
Thallium, Total	ND	mg/l	0.020	0.003	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB
Vanadium, Total	ND	mg/l	0.010	0.002	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB
Zinc, Total	ND	mg/l	0.050	0.002	1	03/12/19 12:51	03/13/19 16:59	1,6010D	AB



Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 13-17 Batch: WG1214903-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB
Antimony, Total	ND		mg/kg	2.00	0.152	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB
Calcium, Total	ND		mg/kg	4.00	1.40	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB
Chromium, Total	0.064	J	mg/kg	0.400	0.038	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB
Copper, Total	ND		mg/kg	0.400	0.103	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB
Iron, Total	ND		mg/kg	2.00	0.361	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB
Magnesium, Total	ND		mg/kg	4.00	0.616	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB
Manganese, Total	ND		mg/kg	0.400	0.064	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB
Nickel, Total	ND		mg/kg	1.00	0.097	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB
Potassium, Total	ND		mg/kg	100	5.76	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB
Sodium, Total	11.4	J	mg/kg	80.0	1.26	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB
Thallium, Total	ND		mg/kg	0.800	0.126	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB
Zinc, Total	ND		mg/kg	2.00	0.117	1	03/12/19 19:44	03/13/19 23:07	1,6010D	AB

Prep Information

Digestion Method: EPA 3050B



Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 13-17 Batch: WG1214987-1									
Mercury, Total	ND	mg/kg	0.083	0.018	1	03/13/19 04:10	03/16/19 13:09	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 12 Batch: WG1215130-1									
Mercury, Total	ND	mg/l	0.00020	0.00006	1	03/13/19 10:51	03/14/19 21:02	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A



Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Project Number: E1605

Lab Number: L1908144

Report Date: 03/18/19

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1212358-2 SRM Lot Number: D101-540								
Aluminum, Total	68		-		50-151	-		
Antimony, Total	167		-		3-196	-		
Arsenic, Total	101		-		83-117	-		
Barium, Total	94		-		83-118	-		
Beryllium, Total	97		-		83-117	-		
Cadmium, Total	95		-		83-117	-		
Calcium, Total	89		-		81-119	-		
Chromium, Total	96		-		81-118	-		
Cobalt, Total	95		-		84-116	-		
Copper, Total	96		-		83-116	-		
Iron, Total	99		-		62-138	-		
Lead, Total	92		-		83-117	-		
Magnesium, Total	78		-		76-124	-		
Manganese, Total	93		-		82-118	-		
Nickel, Total	96		-		82-117	-		
Potassium, Total	87		-		71-130	-		
Selenium, Total	96		-		79-121	-		
Silver, Total	96		-		80-120	-		
Sodium, Total	101		-		72-127	-		
Thallium, Total	97		-		81-119	-		
Vanadium, Total	100		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Project Number: E1605

Lab Number: L1908144

Report Date: 03/18/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1212358-2 SRM Lot Number: D101-540					
Zinc, Total	95	-	81-119	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1212400-2 SRM Lot Number: D101-540					
Mercury, Total	87	-	65-135	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Project Number: E1605

Lab Number: L1908144

Report Date: 03/18/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-10 Batch: WG1213841-2 SRM Lot Number: D101-540					
Aluminum, Total	68	-	50-151	-	
Antimony, Total	145	-	3-196	-	
Arsenic, Total	111	-	83-117	-	
Barium, Total	107	-	83-118	-	
Beryllium, Total	99	-	83-117	-	
Cadmium, Total	96	-	83-117	-	
Calcium, Total	95	-	81-119	-	
Chromium, Total	98	-	81-118	-	
Cobalt, Total	103	-	84-116	-	
Copper, Total	103	-	83-116	-	
Iron, Total	95	-	62-138	-	
Lead, Total	103	-	83-117	-	
Magnesium, Total	83	-	76-124	-	
Manganese, Total	99	-	82-118	-	
Nickel, Total	102	-	82-117	-	
Potassium, Total	94	-	71-130	-	
Selenium, Total	108	-	79-121	-	
Silver, Total	103	-	80-120	-	
Sodium, Total	115	-	72-127	-	
Thallium, Total	104	-	81-119	-	
Vanadium, Total	98	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Project Number: E1605

Lab Number: L1908144

Report Date: 03/18/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-10 Batch: WG1213841-2 SRM Lot Number: D101-540					
Zinc, Total	98	-	81-119	-	
Total Metals - Mansfield Lab Associated sample(s): 02-10 Batch: WG1213995-2 SRM Lot Number: D101-540					
Mercury, Total	88	-	65-135	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Project Number: E1605

Lab Number: L1908144

Report Date: 03/18/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 12 Batch: WG1214803-2					
Aluminum, Total	101	-	80-120	-	
Antimony, Total	102	-	80-120	-	
Arsenic, Total	106	-	80-120	-	
Barium, Total	103	-	80-120	-	
Beryllium, Total	103	-	80-120	-	
Cadmium, Total	106	-	80-120	-	
Calcium, Total	100	-	80-120	-	
Chromium, Total	100	-	80-120	-	
Cobalt, Total	100	-	80-120	-	
Copper, Total	96	-	80-120	-	
Iron, Total	103	-	80-120	-	
Lead, Total	104	-	80-120	-	
Magnesium, Total	104	-	80-120	-	
Manganese, Total	98	-	80-120	-	
Nickel, Total	101	-	80-120	-	
Potassium, Total	99	-	80-120	-	
Selenium, Total	112	-	80-120	-	
Silver, Total	104	-	80-120	-	
Sodium, Total	104	-	80-120	-	
Thallium, Total	103	-	80-120	-	
Vanadium, Total	102	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 12 Batch: WG1214803-2					
Zinc, Total	107	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Project Number: E1605

Lab Number: L1908144

Report Date: 03/18/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13-17 Batch: WG1214903-2 SRM Lot Number: D101-540					
Aluminum, Total	68	-	50-151	-	
Antimony, Total	142	-	3-196	-	
Arsenic, Total	100	-	83-117	-	
Barium, Total	96	-	83-118	-	
Beryllium, Total	92	-	83-117	-	
Cadmium, Total	95	-	83-117	-	
Calcium, Total	91	-	81-119	-	
Chromium, Total	96	-	81-118	-	
Cobalt, Total	97	-	84-116	-	
Copper, Total	94	-	83-116	-	
Iron, Total	95	-	62-138	-	
Lead, Total	97	-	83-117	-	
Magnesium, Total	85	-	76-124	-	
Manganese, Total	97	-	82-118	-	
Nickel, Total	96	-	82-117	-	
Potassium, Total	86	-	71-130	-	
Selenium, Total	98	-	79-121	-	
Silver, Total	97	-	80-120	-	
Sodium, Total	99	-	72-127	-	
Thallium, Total	96	-	81-119	-	
Vanadium, Total	97	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Project Number: E1605

Lab Number: L1908144

Report Date: 03/18/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13-17 Batch: WG1214903-2 SRM Lot Number: D101-540					
Zinc, Total	98	-	81-119	-	
Total Metals - Mansfield Lab Associated sample(s): 13-17 Batch: WG1214987-2 SRM Lot Number: D101-540					
Mercury, Total	101	-	65-135	-	
Total Metals - Mansfield Lab Associated sample(s): 12 Batch: WG1215130-2					
Mercury, Total	109	-	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1212358-3 QC Sample: L1908117-01 Client ID: MS Sample												
Aluminum, Total	666	238	1590	388	Q	-	-		75-125	-		20
Antimony, Total	0.414J	59.5	61.2	103		-	-		75-125	-		20
Arsenic, Total	2.01	14.3	16.5	101		-	-		75-125	-		20
Barium, Total	12.5	238	241	96		-	-		75-125	-		20
Beryllium, Total	ND	5.95	5.80	97		-	-		75-125	-		20
Cadmium, Total	0.309J	6.07	6.04	100		-	-		75-125	-		20
Calcium, Total	2740	1190	5330	218	Q	-	-		75-125	-		20
Chromium, Total	4.10	23.8	26.1	92		-	-		75-125	-		20
Cobalt, Total	0.438J	59.5	56.0	94		-	-		75-125	-		20
Copper, Total	201	29.8	129	0	Q	-	-		75-125	-		20
Iron, Total	1170	119	2190	857	Q	-	-		75-125	-		20
Lead, Total	9.42	60.7	68.6	98		-	-		75-125	-		20
Magnesium, Total	273	1190	1680	118		-	-		75-125	-		20
Manganese, Total	10.7	59.5	77.2	112		-	-		75-125	-		20
Nickel, Total	2.32	59.5	56.6	91		-	-		75-125	-		20
Potassium, Total	88.2J	1190	1380	116		-	-		75-125	-		20
Selenium, Total	3.01	14.3	15.5	87		-	-		75-125	-		20
Silver, Total	0.298J	35.7	35.2	98		-	-		75-125	-		20
Sodium, Total	75.9J	1190	1400	118		-	-		75-125	-		20
Thallium, Total	ND	14.3	13.2	92		-	-		75-125	-		20
Vanadium, Total	3.07	59.5	61.9	99		-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1212358-3 QC Sample: L1908117-01 Client ID: MS Sample									
Zinc, Total	70.7	59.5	123	88	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1212400-3 QC Sample: L1908117-01 Client ID: MS Sample									
Mercury, Total	6.10	0.191	1.85	0	Q	-	80-120	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits			
Total Metals - Mansfield Lab Associated sample(s): 02-10 QC Batch ID: WG1213841-3 WG1213841-4 QC Sample: L1908144-08 Client ID: AJ-EX-SW												
Aluminum, Total	3350	167	3920	341	Q	3270	0	Q	75-125	18	20	
Antimony, Total	0.817J	41.8	34.7	83		46.6	107		75-125	29	Q	20
Arsenic, Total	3.28	10	15.0	117		20.0	160	Q	75-125	29	Q	20
Barium, Total	22.5	167	204	108		221	114		75-125	8		20
Beryllium, Total	0.180J	4.18	4.30	103		4.50	104		75-125	5		20
Cadmium, Total	ND	4.26	3.72	87		1.70	38	Q	75-125	75	Q	20
Calcium, Total	8460	836	9620	139	Q	9500	120		75-125	1		20
Chromium, Total	6.25	16.7	24.8	111		44.2	218	Q	75-125	56	Q	20
Cobalt, Total	1.63J	41.8	43.6	104		49.8	114		75-125	13		20
Copper, Total	182	20.9	136	0	Q	278	442	Q	75-125	69	Q	20
Iron, Total	11300	83.6	14000	3230	Q	64600	61300	Q	75-125	129	Q	20
Lead, Total	16.0	42.6	62.0	108		58.2	95		75-125	6		20
Magnesium, Total	3460	836	4410	114		4250	91		75-125	4		20
Manganese, Total	213	41.8	192	0	Q	590	867	Q	75-125	102	Q	20
Nickel, Total	8.90	41.8	51.8	102		104	219	Q	75-125	67	Q	20
Potassium, Total	470	836	1350	105		1420	109		75-125	5		20
Selenium, Total	0.645J	10	11.1	110		12.8	123		75-125	14		20
Silver, Total	ND	25.1	25.4	101		27.5	105		75-125	8		20
Sodium, Total	766	836	1370	72	Q	1660	103		75-125	19		20
Thallium, Total	ND	10	7.36	73	Q	9.23	88		75-125	23	Q	20
Vanadium, Total	5.88	41.8	48.9	103		59.9	124		75-125	20		20

Matrix Spike Analysis Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-10 QC Batch ID: WG1213841-3 WG1213841-4 QC Sample: L1908144-08 Client ID: AJ-EX-SW									
Zinc, Total	25.9	41.8	70.4	106	69.3	100	75-125	2	20
Total Metals - Mansfield Lab Associated sample(s): 02-10 QC Batch ID: WG1213995-3 WG1213995-4 QC Sample: L1908144-08 Client ID: AJ-EX-SW									
Mercury, Total	ND	0.138	0.192	139	Q 0.169	123	Q 80-120	13	20

Matrix Spike Analysis Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 12 QC Batch ID: WG1214803-3 QC Sample: L1908144-12 Client ID: EQUIPMENT RINSATE (031119)									
Aluminum, Total	ND	2	2.07	104	-	-	75-125	-	20
Antimony, Total	ND	0.5	0.511	102	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.126	105	-	-	75-125	-	20
Barium, Total	ND	2	2.09	104	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.051	103	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.053	104	-	-	75-125	-	20
Calcium, Total	ND	10	10.0	100	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.204	102	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.494	99	-	-	75-125	-	20
Copper, Total	ND	0.25	0.246	98	-	-	75-125	-	20
Iron, Total	ND	1	1.05	105	-	-	75-125	-	20
Lead, Total	ND	0.51	0.521	102	-	-	75-125	-	20
Magnesium, Total	ND	10	10.3	103	-	-	75-125	-	20
Manganese, Total	ND	0.5	0.491	98	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.502	100	-	-	75-125	-	20
Potassium, Total	ND	10	9.91	99	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.132	110	-	-	75-125	-	20
Silver, Total	ND	0.05	0.053	106	-	-	75-125	-	20
Sodium, Total	ND	10	10.5	105	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.123	102	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.520	104	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 12 QC Batch ID: WG1214803-3 QC Sample: L1908144-12 Client ID: EQUIPMENT RINSATE (031119)									
Zinc, Total	ND	0.5	0.525	105	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13-17 QC Batch ID: WG1214903-3 QC Sample: L1908144-13 Client ID: SHEETER PIT #3-NW									
Aluminum, Total	3320	161	4510	738	Q	-	75-125	-	20
Antimony, Total	ND	40.3	33.4	83		-	75-125	-	20
Arsenic, Total	3.27	9.67	13.3	104		-	75-125	-	20
Barium, Total	17.1	161	176	98		-	75-125	-	20
Beryllium, Total	0.098J	4.03	3.76	93		-	75-125	-	20
Cadmium, Total	0.398J	4.11	4.22	103		-	75-125	-	20
Calcium, Total	31200	806	34800	446	Q	-	75-125	-	20
Chromium, Total	5.72	16.1	21.6	98		-	75-125	-	20
Cobalt, Total	3.22	40.3	38.8	88		-	75-125	-	20
Copper, Total	9.32	20.2	27.7	91		-	75-125	-	20
Iron, Total	9480	80.6	12300	3500	Q	-	75-125	-	20
Lead, Total	10.8	41.1	48.2	91		-	75-125	-	20
Magnesium, Total	3070	806	3900	103		-	75-125	-	20
Manganese, Total	240	40.3	435	484	Q	-	75-125	-	20
Nickel, Total	3.77	40.3	38.8	87		-	75-125	-	20
Potassium, Total	719	806	1600	109		-	75-125	-	20
Selenium, Total	0.488J	9.67	9.51	98		-	75-125	-	20
Silver, Total	ND	24.2	23.5	97		-	75-125	-	20
Sodium, Total	220	806	1060	104		-	75-125	-	20
Thallium, Total	ND	9.67	6.74	70	Q	-	75-125	-	20
Vanadium, Total	11.8	40.3	52.9	102		-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13-17 QC Batch ID: WG1214903-3 QC Sample: L1908144-13 Client ID: SHEETER PIT #3-NW									
Zinc, Total	156	40.3	285	320	Q	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 13-17 QC Batch ID: WG1214987-3 QC Sample: L1908144-13 Client ID: SHEETER PIT #3-NW									
Mercury, Total	ND	0.132	0.144	109	-	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 12 (031119) QC Batch ID: WG1215130-3 QC Sample: L1908144-12 Client ID: EQUIPMENT RINSATE									
Mercury, Total	ND	0.005	0.00523	105	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Project Number: E1605

Lab Number: L1908144

Report Date: 03/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1212358-4 QC Sample: L1908117-01 Client ID: DUP Sample						
Arsenic, Total	2.01	1.11	mg/kg	58	Q	20
Barium, Total	12.5	16.5	mg/kg	28	Q	20
Beryllium, Total	ND	ND	mg/kg	NC		20
Cadmium, Total	0.309J	0.199J	mg/kg	NC		20
Chromium, Total	4.10	4.86	mg/kg	17		20
Copper, Total	201	81.9	mg/kg	84	Q	20
Lead, Total	9.42	9.07	mg/kg	4		20
Nickel, Total	2.32	4.12	mg/kg	56	Q	20
Selenium, Total	3.01	0.855J	mg/kg	NC		20
Silver, Total	0.298J	0.500J	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1212400-4 QC Sample: L1908117-01 Client ID: DUP Sample						
Mercury, Total	6.10	0.981	mg/kg	145	Q	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Project Number: E1605

Lab Number: L1908144

Report Date: 03/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 12 QC Batch ID: WG1214803-4 QC Sample: L1908144-12 Client ID: EQUIPMENT RINSATE (031119)					
Aluminum, Total	ND	ND	mg/l	NC	20
Antimony, Total	ND	ND	mg/l	NC	20
Arsenic, Total	ND	ND	mg/l	NC	20
Barium, Total	ND	ND	mg/l	NC	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	ND	ND	mg/l	NC	20
Calcium, Total	ND	ND	mg/l	NC	20
Chromium, Total	ND	ND	mg/l	NC	20
Cobalt, Total	ND	ND	mg/l	NC	20
Copper, Total	ND	ND	mg/l	NC	20
Iron, Total	ND	ND	mg/l	NC	20
Lead, Total	ND	ND	mg/l	NC	20
Magnesium, Total	ND	ND	mg/l	NC	20
Manganese, Total	ND	ND	mg/l	NC	20
Nickel, Total	ND	ND	mg/l	NC	20
Potassium, Total	ND	ND	mg/l	NC	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Sodium, Total	ND	ND	mg/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Project Number: E1605

Lab Number: L1908144

Report Date: 03/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 12 QC Batch ID: WG1214803-4 QC Sample: L1908144-12 Client ID: EQUIPMENT RINSATE (031119)					
Thallium, Total	ND	ND	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Project Number: E1605

Lab Number: L1908144

Report Date: 03/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13-17 QC Batch ID: WG1214903-4 QC Sample: L1908144-13 Client ID: SHEETER PIT #3-NW					
Aluminum, Total	3320	3230	mg/kg	3	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	3.27	3.57	mg/kg	9	20
Barium, Total	17.1	41.5	mg/kg	83	Q 20
Beryllium, Total	0.098J	0.091J	mg/kg	NC	20
Cadmium, Total	0.398J	0.689J	mg/kg	NC	20
Calcium, Total	31200	30900	mg/kg	1	20
Chromium, Total	5.72	6.21	mg/kg	8	20
Cobalt, Total	3.22	3.40	mg/kg	5	20
Copper, Total	9.32	12.6	mg/kg	30	Q 20
Iron, Total	9480	10500	mg/kg	10	20
Lead, Total	10.8	22.6	mg/kg	71	Q 20
Magnesium, Total	3070	3210	mg/kg	4	20
Manganese, Total	240	241	mg/kg	0	20
Nickel, Total	3.77	4.02	mg/kg	6	20
Potassium, Total	719	683	mg/kg	5	20
Selenium, Total	0.488J	0.539J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	220	198	mg/kg	11	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Project Number: E1605

Lab Number: L1908144

Report Date: 03/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13-17 QC Batch ID: WG1214903-4 QC Sample: L1908144-13 Client ID: SHEETER PIT #3-NW					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	11.8	12.8	mg/kg	8	20
Zinc, Total	156	280	mg/kg	57 Q	20
Total Metals - Mansfield Lab Associated sample(s): 13-17 QC Batch ID: WG1214987-4 QC Sample: L1908144-13 Client ID: SHEETER PIT #3-NW					
Mercury, Total	ND	ND	mg/kg	NC	20
Total Metals - Mansfield Lab Associated sample(s): 12 QC Batch ID: WG1215130-4 QC Sample: L1908144-12 Client ID: EQUIPMENT RINSATE (031119)					
Mercury, Total	ND	ND	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-01

Date Collected: 02/27/19 13:00

Client ID: DC-EX-BOTTOM

Date Received: 03/01/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	03/02/19 09:42	121,2540G	RI



Project Name: PRESS PIT EXCAVATION**Project Number:** E1605**Lab Number:** L1908144**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-02

Client ID: DC-EX-NW

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 10:00

Date Received: 03/07/19

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	03/08/19 11:40	121,2540G	RI



Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-03

Date Collected: 03/06/19 10:15

Client ID: DC-EX-EW

Date Received: 03/07/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.1		%	0.100	NA	1	-	03/08/19 11:40	121,2540G	RI



Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-04

Date Collected: 03/06/19 10:25

Client ID: DC-EX-SW

Date Received: 03/07/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	03/08/19 11:40	121,2540G	RI



Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-05

Date Collected: 03/06/19 10:25

Client ID: DC-EX-SW DUPLICATE

Date Received: 03/07/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	03/08/19 11:40	121,2540G	RI



Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-06

Date Collected: 03/06/19 11:30

Client ID: AJ-EX-BOTTOM

Date Received: 03/07/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.5		%	0.100	NA	1	-	03/08/19 11:40	121,2540G	RI



Project Name: PRESS PIT EXCAVATION**Project Number:** E1605**Lab Number:** L1908144**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-07

Client ID: AJ-EX-NW

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Date Collected: 03/06/19 11:15

Date Received: 03/07/19

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	03/08/19 11:40	121,2540G	RI



Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-08

Date Collected: 03/06/19 11:35

Client ID: AJ-EX-SW

Date Received: 03/07/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.2		%	0.100	NA	1	-	03/08/19 11:40	121,2540G	RI



Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-09

Date Collected: 03/06/19 11:20

Client ID: AJ-EX-EW

Date Received: 03/07/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.7		%	0.100	NA	1	-	03/08/19 11:40	121,2540G	RI



Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

SAMPLE RESULTS

Lab ID: L1908144-10

Date Collected: 03/06/19 11:25

Client ID: AJ-EX-WW

Date Received: 03/07/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	03/08/19 11:40	121,2540G	RI



Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-13

Date Collected: 03/11/19 08:55

Client ID: SHEETER PIT #3-NW

Date Received: 03/11/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.9		%	0.100	NA	1	-	03/12/19 11:38	121,2540G	RI



Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-14

Date Collected: 03/11/19 09:00

Client ID: SHEETER PIT #3-WW

Date Received: 03/11/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.7		%	0.100	NA	1	-	03/12/19 11:38	121,2540G	RI



Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-15

Date Collected: 03/11/19 09:05

Client ID: SHEETER PIT #3-SW

Date Received: 03/11/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.5		%	0.100	NA	1	-	03/12/19 11:38	121,2540G	RI



Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-16

Date Collected: 03/11/19 09:15

Client ID: SHEETER PIT #3-BOTTOM

Date Received: 03/11/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.6		%	0.100	NA	1	-	03/12/19 11:38	121,2540G	RI



Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**SAMPLE RESULTS**

Lab ID: L1908144-17

Date Collected: 03/11/19 09:10

Client ID: SHEETER PIT#3-EW

Date Received: 03/11/19

Sample Location: 1801 ELMWOOD AVE., MOD-PAC

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.9		%	0.100	NA	1	-	03/12/19 11:38	121,2540G	RI



Lab Duplicate Analysis

Batch Quality Control

Project Name: PRESS PIT EXCAVATION

Project Number: E1605

Lab Number: L1908144

Report Date: 03/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1211875-1 QC Sample: L1908032-01 Client ID: DUP Sample						
Solids, Total	85.0	84.8	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 02-10 QC Batch ID: WG1213678-1 QC Sample: L1908144-08 Client ID: AJ-EX-SW						
Solids, Total	91.2	91.3	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 13-17 QC Batch ID: WG1214714-1 QC Sample: L1909395-01 Client ID: DUP Sample						
Solids, Total	86.8	87.9	%	1		20

Project Name: PRESS PIT EXCAVATION**Lab Number:** L1908144**Project Number:** E1605**Report Date:** 03/18/19**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
A1	Absent
A2	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1908144-01A	Vial MeOH preserved	A	NA		3.6	Y	Absent		NYTCL-8260HLW-R2(14)
L1908144-01B	Vial water preserved	A	NA		3.6	Y	Absent	02-MAR-19 05:09	NYTCL-8260HLW-R2(14)
L1908144-01C	Vial water preserved	A	NA		3.6	Y	Absent	02-MAR-19 05:09	NYTCL-8260HLW-R2(14)
L1908144-01D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L1908144-01E	Glass 120ml/4oz unpreserved	A	NA		3.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1908144-01F	Glass 120ml/4oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-01G	Glass 120ml/4oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-02A	Vial MeOH preserved	A1	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14)
L1908144-02B	Vial water preserved	A1	NA		3.5	Y	Absent	07-MAR-19 16:00	NYTCL-8260HLW-R2(14)
L1908144-02C	Vial water preserved	A1	NA		3.5	Y	Absent	07-MAR-19 16:00	NYTCL-8260HLW-R2(14)
L1908144-02D	Plastic 2oz unpreserved for TS	A1	NA		3.5	Y	Absent		TS(7)
L1908144-02E	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1908144-02F	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-02G	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-03A	Vial MeOH preserved	A1	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14)
L1908144-03B	Vial water preserved	A1	NA		3.5	Y	Absent	07-MAR-19 16:00	NYTCL-8260HLW-R2(14)

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Serial_No:03181917:26
Lab Number: L1908144
Report Date: 03/18/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1908144-03C	Vial water preserved	A1	NA		3.5	Y	Absent	07-MAR-19 16:00	NYTCL-8260HLW-R2(14)
L1908144-03D	Plastic 2oz unpreserved for TS	A1	NA		3.5	Y	Absent		TS(7)
L1908144-03E	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1908144-03F	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-03G	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-04A	Vial MeOH preserved	A1	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L1908144-04B	Vial water preserved	A1	NA		3.5	Y	Absent	07-MAR-19 16:00	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L1908144-04C	Vial water preserved	A1	NA		3.5	Y	Absent	07-MAR-19 16:00	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L1908144-04D	Plastic 2oz unpreserved for TS	A1	NA		3.5	Y	Absent		TS(7)
L1908144-04E	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1908144-04F	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-04G	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-05A	Vial MeOH preserved	A1	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14)
L1908144-05B	Vial water preserved	A1	NA		3.5	Y	Absent	07-MAR-19 16:00	NYTCL-8260HLW-R2(14)
L1908144-05C	Vial water preserved	A1	NA		3.5	Y	Absent	07-MAR-19 16:00	NYTCL-8260HLW-R2(14)
L1908144-05D	Plastic 2oz unpreserved for TS	A1	NA		3.5	Y	Absent		TS(7)
L1908144-05E	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1908144-05F	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-05G	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-06A	Vial MeOH preserved	A1	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days



Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Serial_No:03181917:26
Lab Number: L1908144
Report Date: 03/18/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1908144-06B	Vial water preserved	A1	NA		3.5	Y	Absent	07-MAR-19 16:00	NYTCL-8260HLW-R2(14)
L1908144-06C	Vial water preserved	A1	NA		3.5	Y	Absent	07-MAR-19 16:00	NYTCL-8260HLW-R2(14)
L1908144-06D	Plastic 2oz unpreserved for TS	A1	NA		3.5	Y	Absent		TS(7)
L1908144-06E	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1908144-06F	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-06G	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-07A	Vial MeOH preserved	A1	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14)
L1908144-07B	Vial water preserved	A1	NA		3.5	Y	Absent	07-MAR-19 16:00	NYTCL-8260HLW-R2(14)
L1908144-07C	Vial water preserved	A1	NA		3.5	Y	Absent	07-MAR-19 16:00	NYTCL-8260HLW-R2(14)
L1908144-07D	Plastic 2oz unpreserved for TS	A1	NA		3.5	Y	Absent		TS(7)
L1908144-07E	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1908144-07F	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-07G	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-08A	Vial MeOH preserved	A1	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14)
L1908144-08A1	Vial MeOH preserved	A1	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14)
L1908144-08B	Vial water preserved	A1	NA		3.5	Y	Absent	07-MAR-19 16:00	NYTCL-8260HLW-R2(14)
L1908144-08B1	Vial water preserved	A1	NA		3.5	Y	Absent	07-MAR-19 16:00	NYTCL-8260HLW-R2(14)
L1908144-08C	Vial water preserved	A1	NA		3.5	Y	Absent	07-MAR-19 16:00	NYTCL-8260HLW-R2(14)
L1908144-08C1	Vial water preserved	A1	NA		3.5	Y	Absent	07-MAR-19 16:00	NYTCL-8260HLW-R2(14)
L1908144-08D	Plastic 2oz unpreserved for TS	A1	NA		3.5	Y	Absent		TS(7)
L1908144-08D1	Plastic 2oz unpreserved for TS	A1	NA		3.5	Y	Absent		TS(7)

Project Name: PRESS PIT EXCAVATION

Lab Number: L1908144

Project Number: E1605

Report Date: 03/18/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1908144-08E	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1908144-08E1	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1908144-08F	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-08F1	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-08G	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-08G1	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-09A	Vial MeOH preserved	A1	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14)
L1908144-09B	Vial water preserved	A1	NA		3.5	Y	Absent	07-MAR-19 16:00	NYTCL-8260HLW-R2(14)
L1908144-09C	Vial water preserved	A1	NA		3.5	Y	Absent	07-MAR-19 16:00	NYTCL-8260HLW-R2(14)
L1908144-09D	Plastic 2oz unpreserved for TS	A1	NA		3.5	Y	Absent		TS(7)
L1908144-09E	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1908144-09F	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-09G	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-10A	Vial MeOH preserved	A1	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14)
L1908144-10B	Vial water preserved	A1	NA		3.5	Y	Absent	07-MAR-19 16:00	NYTCL-8260HLW-R2(14)
L1908144-10C	Vial water preserved	A1	NA		3.5	Y	Absent	07-MAR-19 16:00	NYTCL-8260HLW-R2(14)
L1908144-10D	Plastic 2oz unpreserved for TS	A1	NA		3.5	Y	Absent		TS(7)
L1908144-10E	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1908144-10F	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Serial_No:03181917:26
Lab Number: L1908144
Report Date: 03/18/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1908144-10G	Glass 120ml/4oz unpreserved	A1	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-11A	Vial HCl preserved	A2	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L1908144-11B	Vial HCl preserved	A2	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L1908144-12A	Vial HCl preserved	A2	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L1908144-12B	Vial HCl preserved	A2	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L1908144-12C	Vial HCl preserved	A2	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L1908144-12D	Plastic 250ml HNO3 preserved	A2	<2	<2	3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1908144-12E	Amber 1000ml unpreserved	A2	7	7	3.2	Y	Absent		NYTCL-8082-1200ML(7)
L1908144-12F	Amber 1000ml unpreserved	A2	7	7	3.2	Y	Absent		NYTCL-8082-1200ML(7)
L1908144-12G	Amber 1000ml unpreserved	A2	7	7	3.2	Y	Absent		NYTCL-8270(7)
L1908144-12H	Amber 1000ml unpreserved	A2	7	7	3.2	Y	Absent		NYTCL-8270(7)
L1908144-13A	Vial MeOH preserved	A2	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)
L1908144-13B	Vial water preserved	A2	NA		3.2	Y	Absent	12-MAR-19 06:35	NYTCL-8260HLW-R2(14)
L1908144-13C	Vial water preserved	A2	NA		3.2	Y	Absent	12-MAR-19 06:35	NYTCL-8260HLW-R2(14)
L1908144-13D	Plastic 2oz unpreserved for TS	A2	NA		3.2	Y	Absent		TS(7)
L1908144-13E	Glass 120ml/4oz unpreserved	A2	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1908144-13F	Glass 120ml/4oz unpreserved	A2	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-13G	Glass 120ml/4oz unpreserved	A2	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-14A	Vial MeOH preserved	A2	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)
L1908144-14B	Vial water preserved	A2	NA		3.2	Y	Absent	12-MAR-19 06:35	NYTCL-8260HLW-R2(14)
L1908144-14C	Vial water preserved	A2	NA		3.2	Y	Absent	12-MAR-19 06:35	NYTCL-8260HLW-R2(14)
L1908144-14D	Plastic 2oz unpreserved for TS	A2	NA		3.2	Y	Absent		TS(7)

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Serial_No:03181917:26
Lab Number: L1908144
Report Date: 03/18/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1908144-14E	Glass 120ml/4oz unpreserved	A2	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1908144-14F	Glass 120ml/4oz unpreserved	A2	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-14G	Glass 120ml/4oz unpreserved	A2	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-15A	Vial MeOH preserved	A2	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)
L1908144-15B	Vial water preserved	A2	NA		3.2	Y	Absent	12-MAR-19 06:35	NYTCL-8260HLW-R2(14)
L1908144-15C	Vial water preserved	A2	NA		3.2	Y	Absent	12-MAR-19 06:35	NYTCL-8260HLW-R2(14)
L1908144-15D	Plastic 2oz unpreserved for TS	A2	NA		3.2	Y	Absent		TS(7)
L1908144-15E	Glass 120ml/4oz unpreserved	A2	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1908144-15F	Glass 120ml/4oz unpreserved	A2	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-15G	Glass 120ml/4oz unpreserved	A2	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-16A	Vial MeOH preserved	A2	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)
L1908144-16B	Vial water preserved	A2	NA		3.2	Y	Absent	12-MAR-19 06:35	NYTCL-8260HLW-R2(14)
L1908144-16C	Vial water preserved	A2	NA		3.2	Y	Absent	12-MAR-19 06:35	NYTCL-8260HLW-R2(14)
L1908144-16D	Plastic 2oz unpreserved for TS	A2	NA		3.2	Y	Absent		TS(7)
L1908144-16E	Glass 120ml/4oz unpreserved	A2	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1908144-16F	Glass 120ml/4oz unpreserved	A2	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-16G	Glass 120ml/4oz unpreserved	A2	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-17A	Vial MeOH preserved	A2	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)
L1908144-17B	Vial water preserved	A2	NA		3.2	Y	Absent	12-MAR-19 06:35	NYTCL-8260HLW-R2(14)
L1908144-17C	Vial water preserved	A2	NA		3.2	Y	Absent	12-MAR-19 06:35	NYTCL-8260HLW-R2(14)
L1908144-17D	Plastic 2oz unpreserved for TS	A2	NA		3.2	Y	Absent		TS(7)

Project Name: PRESS PIT EXCAVATION

Project Number: E1605

Serial_No:03181917:26

Lab Number: L1908144

Report Date: 03/18/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1908144-17E	Glass 120ml/4oz unpreserved	A2	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1908144-17F	Glass 120ml/4oz unpreserved	A2	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1908144-17G	Glass 120ml/4oz unpreserved	A2	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)

Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the

Report Format: DU Report with 'J' Qualifiers



Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1.8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers



Project Name: PRESS PIT EXCAVATION
Project Number: E1605

Lab Number: L1908144
Report Date: 03/18/19

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.


EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 1		Date Rec'd In Lab 3/2/19		ALPHA Job # L1908144				
	Project Information Project Name: Press Pit Excavation Project Location: 1801 Elmwood Ave., MGD-PAC Project # e1605 (Use Project name as Project #) <input type="checkbox"/>				Deliverables: <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #				
Client Information Client: Hazard Evaluations Inc Address: 3636 N. Buffalo Rd Orchard Park NY 14127 Phone: 716-667-3130 Fax: 716-667-3156 Email: mturney@hazardevaluations.com				Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> N.J. <input type="checkbox"/> NY <input type="checkbox"/> Other:					
Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:				ANALYSIS				Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below) Sample Specific Comments			
These samples have been previously analyzed by Alpha <input type="checkbox"/>				Other project specific requirements/comments: also email to gbitner@hazardevaluations.com				Please specify Metals or TAL. VOC TEL SVOC TEL TAL METALS T-PCBS			
Please specify Metals or TAL.											
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials		Total Bottles	
08144-01		Press Pit ex-001		2/27/19 1:00pm		Soil		OB			
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube Q = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		E A A A F A A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Relinquished By:		Date/Time		Received By:		Date/Time					
[Signature]		3/1/19 1500		[Signature] AAL		3/1/19 1500					
[Signature] AAL		3/1/19 1635		[Signature]		3/2/19 02:05					

 ALPHA <small>LABORATORY</small>	NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1 of 1		Date Rec'd in Lab 3/12/19	ALPHA Job # L1908144																																																																																																																			
			Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288																																																																																																																					
Project Information Project Name: <u>BCP IRM (interior)</u> Project Location: <u>MPC 1801 Elmwood Ave.</u> Project # <u>e1605</u>			Deliverables <input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #																																																																																																																				
Client Information Client: <u>Hazard Evaluations Inc</u> Address: <u>3636 N. Buffalo Rd</u> <u>Orchard Park, NY</u> Phone: <u>716-667-3130</u> Fax: <u>716-667-3156</u> Email: <u>mhanna@hazardevaluations.com</u>			(Use Project name as Project #) <input type="checkbox"/> Project Manager: <u>Mark Hanna</u> ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWO Standards <input type="checkbox"/> NY CP-5T <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other. <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other																																																																																																																		
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: <u>Continue with sample delivery group started on 3/7/19.</u> <u>Close sample delivery group.</u> Please specify Metals or TAL.			ANALYSIS		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)																																																																																																																				
<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th rowspan="2">VOL-B260 TCL</th> <th rowspan="2">TAL/Metals</th> <th rowspan="2">VOL-B260 TCL</th> <th rowspan="2">SVOL-B270 TCL</th> <th rowspan="2">TAL/Metals</th> <th rowspan="2">T.P.C.B.s</th> <th rowspan="2">Sample Specific Comments</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>08144</td> <td>-11</td> <td>Trip Blank (03/11/19)</td> <td>3/11/19</td> <td>9:30am</td> <td>WA</td> <td>EB</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2</td> </tr> <tr> <td></td> <td>-12</td> <td>Equipment Rinse (03/11/19)</td> <td>3/11/19</td> <td>9:25am</td> <td>WA</td> <td>EB</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td>9</td> </tr> <tr> <td></td> <td>-13</td> <td>Sheeter #3 - NW</td> <td>3/11/19</td> <td>8:55am</td> <td>Soil</td> <td>EB</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>7</td> </tr> <tr> <td></td> <td>-14</td> <td>Sheeter #3 - NW</td> <td>3/11/19</td> <td>9:00am</td> <td>Soil</td> <td>EB</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>7</td> </tr> <tr> <td></td> <td>-15</td> <td>Sheeter #3 - SW</td> <td>3/11/19</td> <td>9:05am</td> <td>Soil</td> <td>EB</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>7</td> </tr> <tr> <td></td> <td>-16</td> <td>Sheeter #3 - Bottom</td> <td>3/11/19</td> <td>9:15am</td> <td>Soil</td> <td>EB</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>7</td> </tr> <tr> <td></td> <td>-17</td> <td>Sheeter #3 - EW</td> <td>3/11/19</td> <td>9:10am</td> <td>Soil</td> <td>EB</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>7</td> </tr> </tbody> </table>			ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	VOL-B260 TCL	TAL/Metals	VOL-B260 TCL	SVOL-B270 TCL	TAL/Metals	T.P.C.B.s	Sample Specific Comments	Date	Time	08144	-11	Trip Blank (03/11/19)	3/11/19	9:30am	WA	EB	X						2		-12	Equipment Rinse (03/11/19)	3/11/19	9:25am	WA	EB	X	X	X	X			9		-13	Sheeter #3 - NW	3/11/19	8:55am	Soil	EB		X	X	X	X		7		-14	Sheeter #3 - NW	3/11/19	9:00am	Soil	EB		X	X	X	X		7		-15	Sheeter #3 - SW	3/11/19	9:05am	Soil	EB		X	X	X	X		7		-16	Sheeter #3 - Bottom	3/11/19	9:15am	Soil	EB		X	X	X	X		7		-17	Sheeter #3 - EW	3/11/19	9:10am	Soil	EB		X	X	X	X		7	Container Type: <u>V P A A A</u> Preservative: <u>B C A A A</u>		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection			Sample Matrix	Sampler's Initials										VOL-B260 TCL	TAL/Metals	VOL-B260 TCL	SVOL-B270 TCL	TAL/Metals	T.P.C.B.s	Sample Specific Comments																																																																																																			
		Date	Time																																																																																																																						
08144	-11	Trip Blank (03/11/19)	3/11/19	9:30am	WA	EB	X						2																																																																																																												
	-12	Equipment Rinse (03/11/19)	3/11/19	9:25am	WA	EB	X	X	X	X			9																																																																																																												
	-13	Sheeter #3 - NW	3/11/19	8:55am	Soil	EB		X	X	X	X		7																																																																																																												
	-14	Sheeter #3 - NW	3/11/19	9:00am	Soil	EB		X	X	X	X		7																																																																																																												
	-15	Sheeter #3 - SW	3/11/19	9:05am	Soil	EB		X	X	X	X		7																																																																																																												
	-16	Sheeter #3 - Bottom	3/11/19	9:15am	Soil	EB		X	X	X	X		7																																																																																																												
	-17	Sheeter #3 - EW	3/11/19	9:10am	Soil	EB		X	X	X	X		7																																																																																																												
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other			Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle			Relinquished By: <u>[Signature]</u> Date/Time: <u>3/11/19 15:30</u> Received By: <u>[Signature]</u> Date/Time: <u>3/11/19 16:20</u>		Relinquished By: <u>[Signature]</u> Date/Time: <u>3/11/19 15:30</u> Received By: <u>[Signature]</u> Date/Time: <u>3/12/19 00:40</u>																																																																																																																	

Attachment 6

ACM REMOVAL DOCUMENTATION

August 9, 2017

Anthony L. Lopes, P.E.
Professional Engineer 1
Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Street
Buffalo, NY 14203

Re: **Planned Asbestos Removal
MOD-PAC CORP.
1801 Elmwood Avenue
Buffalo, Erie County, NY
BCP Site No. C915314**

Dear Mr. Lopes:

MOD-PAC CORP. (MOD-PAC) has entered into the Brownfield Cleanup Program (BCP) for the above referenced site. MOD-PAC has asbestos removal requirements associated the following two projects, which are required to be completed before Winter 2017.

- Roofing repairs to include removal and disposal of asbestos containing transite siding from an area above the paper stock room. Appropriate air monitoring will be completed during this project. After completed ACM removal, the roofing repairs will be completed.
- Removal and disposal of asbestos containing pipe lagging located in Area #108 of the site building. Appropriate air monitoring will be completed during the project.

A general scope of work and cost estimates are attached. Work is planned to begin in late August 2017. Should you have any questions or need further information, please contact me at 716-667-3130.

Very truly yours,
HAZARD EVALUATIONS, INC.



Michele M. Wittman, P.G.
Director of Site Services

Cc: David Lupp, Chief Operating Officer and Chief Financial Officer

Attachments



GREAT LAKES ABATEMENT CO., INC.

3463 BROADWAY STREET CHEEKTOWAGA, NEW YORK 14227

PHONE (716) 874-0368 • FAX (716) 874-0485

• EMAIL GREATLAKES@GACIL.COM

-ESTABLISHED 1989-

July 18, 2017

Mod Pac Corp.
Mr. Dave Steffen
1081 Elmwood Ave.
Buffalo, NY 14207

**Re: Asbestos Abatement GLA 1875 O- 1801 Elmwood Ave. Buffalo, NY -
Area – Transite Siding Removal**

Dear Mr. Steffen,

We propose to furnish all the necessary labor, materials, tools, equipment, insurance, supervision, OSHA personnel air sampling necessary to complete asbestos abatement as outlined in the scope of work and survey supplied by owner. The owner or site representative must hire a third party independent asbestos monitoring firm for project specific variance, project and air monitoring requirements, final visual inspection after abatement is complete and an asbestos survey for minor, small and large asbestos projects. This work shall be completed under large asbestos project protocol and in accordance with all rules and regulations following all Federal, State and Local agencies, and for proper liaison to and interface with such regulatory authorities having jurisdiction, and as to guidelines as set forth by the EPA, OSHA, NIOSH DEC, DOT, and NYS-DOL.

WORK SCOPE:

The removal and disposal of asbestos containing transite siding (approximately 810SF), from Area # (wall above paper stock room) located at Mod Pac Corp. Buffalo, N.Y..

GENERAL CONDITIONS & CLARIFICATIONS:

The following are general conditions and clarifications, which are meant to help identify the owner and contractor responsibilities during the performance of this abatement project.

The owner is responsible to provide all necessary utilities including electric, potable cold water, sanitary drain; all utilities are understood to be located within approximately 100 feet of the work site.

The contractor shall provide and install temporary water and sanitary drain hoses. It is the owner's responsibility to provide standard garden style or standard IPS water fittings with a shut off valve at the source.

All work to be performed at AM and PM hours and to owner's preference.

PRICING - GLA 1875 O -

Asbestos Abatement (approximately 810SF) \$16,312.00
Sixteen Thousand Three Hundred Twelve Dollars & 00/100

If contractor is successful in securing the contract for this work the following paragraph must be included in any purchase orders or contracts which are issued for this work. The purpose of this paragraph is to help define the limits of liability with regards to the asbestos which is already in place and located at the job site prior to the start of work. The contractor will take responsibility for the containment of the asbestos and the control of asbestos debris once the project begins and the work on site actually starts.

It is understood that the owner is considered as the "generator" of the asbestos containing material waste. The contractor is responsible to perform the safe and proper removal and or encapsulation, handling. And proper on site clean up of asbestos materials, dust and debris and if required the disposal of the asbestos containing waste for the generator. The generator shall retain title to and ownership of all asbestos containing waste as well as title to all other "associated materials" utilized in the removal, enclosure, or encapsulation of the asbestos containing material. Final disposal manifest (waste shipment record) will be forwarded to you within 45 calendar days of the removal of the asbestos containing material from your job site.

In no event shall the contractor be liable for any loss, expense or claim relating to damage or injury to any person or property, which occurred prior to the contract start date or which results from an event which occurred or a condition or state of fact which existed prior to the start date of this contract (including but not limited to the presence of asbestos in the owners facility or the release thereof into the environment), if such event or condition is not caused or made worse by the contractor. Owner agrees to indemnify and hold harmless the contractor from and against any such loss, expenses or claim including but not limited to legal expenses incurred in the defense of such claim. The contractor agrees to indemnify and hold harmless the owner, it's agents and employees, from and against any claims, loss, expense including attorneys and experts fees arising from contractors acts or omissions, including any condition's made worse by contractors

actions or failure to act.

Payment terms are net 30 days: all invoices are due and payable in accordance with specific terms upon receipt. Interest will be charged on any outstanding past due balances at the rate of 1.5% per month (18% per annum.). Any fees, expenses, costs, incurred for the collection of unpaid balances will be paid by you including, but not limited to collection agency fees, attorney fees, and court costs. This quote is contingent upon execution of contract within 30 days upon receipt.

If you have any questions concerning any items detailed in this proposal or requires clarifications on any items, please do not hesitate to contact us.

Very Truly Yours,

Bradley E. Bengart
President

**ACKNOWLEDGMENT AND AGREEMENT TO QUOTE AND PAYMENT
TERMS: GLA-A-1875 O**

OWNER _____ **DATE** _____
COMPANY REPRESENTATIVE



GREAT LAKES ABATEMENT CO., INC.

3463 BROADWAY STREET CHEEKTOWAGA, NEW YORK 14227

PHONE (716) 874-0368 • FAX (716) 874-0485

• EMAIL GREEN@GLACOM.COM

-ESTABLISHED 1989-

July 18, 2017

Mod Pac Corp.
Mr. Dave Steffen
1081 Elmwood Ave.
Buffalo, NY 14207

**Re: Asbestos Abatement GLA 1875 N- 1801 Elmwood Ave. Buffalo, NY -
Area 108 – pipe insulation removal**

Dear Mr. Steffen,

We propose to furnish all the necessary labor, materials, tools, equipment, insurance, supervision, OSHA personnel air sampling necessary to complete asbestos abatement as outlined in the scope of work and survey supplied by owner. The owner or site representative must hire a third party independent asbestos monitoring firm for project specific variance, project and air monitoring requirements, final visual inspection after abatement is complete and an asbestos survey for minor, small and large asbestos projects. This work shall be completed under large asbestos project protocol and in accordance with all rules and regulations following all Federal, State and Local agencies, and for proper liaison to and interface with such regulatory authorities having jurisdiction, and as to guidelines as set forth by the EPA, OSHA, NIOSH DEC, DOT, and NYS-DOL.

WORK SCOPE:

The removal and disposal of asbestos containing pipe lagging - Phase 1 west section Row I through Row J then Phase 2 Rows A through H) from Area #108 (south wall Row K adjacent to Rows A through K) located at Mod Pac Corp. Buffalo, N.Y..

GENERAL CONDITIONS & CLARIFICATIONS:

The following are general conditions and clarifications, which are meant to help identify the owner and contractor responsibilities during the performance of this abatement project.

The owner is responsible to provide all necessary utilities including electric, potable cold water, sanitary drain; all utilities are understood to be located within approximately 100 feet of the work site.

The contractor shall provide and install temporary water and sanitary drain hoses. It is the owner's responsibility to provide standard garden style or standard IPS water fittings with a shut off valve at the source.

All work to be performed at AM and PM hours and to owner's preference.

PRICING - GLA 1875 N -

Asbestos Abatement \$74,611.00
Seventy Four Thousand Six Hundred Eleven Dollars & 00/100

If contractor is successful in securing the contract for this work the following paragraph must be included in any purchase orders or contracts which are issued for this work. The purpose of this paragraph is to help define the limits of liability with regards to the asbestos which is already in place and located at the job site prior to the start of work. The contractor will take responsibility for the containment of the asbestos and the control of asbestos debris once the project begins and the work on site actually starts.

It is understood that the owner is considered as the "generator" of the asbestos containing material waste. The contractor is responsible to perform the safe and proper removal and or encapsulation, handling. And proper on site clean up of asbestos materials, dust and debris and if required the disposal of the asbestos containing waste for the generator. The generator shall retain title to and ownership of all asbestos containing waste as well as title to all other "associated materials" utilized in the removal, enclosure, or encapsulation of the asbestos containing material. Final disposal manifest (waste shipment record) will be forwarded to you within 45 calendar days of the removal of the asbestos containing material from your job site.

In no event shall the contractor be liable for any loss, expense or claim relating to damage or injury to any person or property, which occurred prior to the contract start date or which results from an event which occurred or a condition or state of fact which existed prior to the start date of this contract (including but not limited to the presence of asbestos in the owners facility or the release thereof into the environment), if such event or condition is not caused or made worse by the contractor. Owner agrees to indemnify and hold harmless the contractor from and against any such loss, expenses or claim including but not limited to legal expenses incurred in the defense of such claim. The contractor agrees to indemnify and hold harmless the owner, it's agents and employees, from and against any claims, loss, expense including attorneys and experts fees arising from contractors acts or omissions, including any condition's made worse by contractors

actions or failure to act.

Payment terms are net 30 days: all invoices are due and payable in accordance with specific terms upon receipt. Interest will be charged on any outstanding past due balances at the rate of 1.5% per month (18% per annum.). Any fees, expenses, costs, incurred for the collection of unpaid balances will be paid by you including, but not limited to collection agency fees, attorney fees, and court costs. This quote is contingent upon execution of contract within 30 days upon receipt.

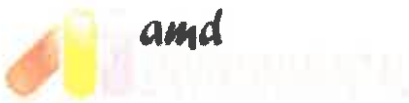
If you have any questions concerning any items detailed in this proposal or requires clarifications on any items, please do not hesitate to contact us.

Very Truly Yours,

Bradley E. Bengart
President

**ACKNOWLEDGMENT AND AGREEMENT TO QUOTE AND PAYMENT
TERMS: GLA-A-1875 N**

OWNER _____ **DATE** _____
COMPANY REPRESENTATIVE



July 26th, 2017

Dave Steffen
Mod Pac
1801 Elmwood Ave.
Buffalo, NY

Mr. Steffen:

AMD Environmental is pleased to provide you with the following work proposal for asbestos services.

Project location: **1801 Elmwood Ave., Buffalo, NY (Warehouse T.S.I Abatement Project)**

High volume and/or low volume pumps will be used to monitor the concentration of airborne fibers during this project. AMD Environmental, Inc. (NYS DOL # 56177) will conduct air monitoring in accordance with guidelines and techniques identified in NY Code Rule 56. AMD Environmental, Inc. will prepare and submit the required NYS site specific variance on the client's behalf, in order to reduce unnecessary hardships relating to the clean up and abatement work activities in accordance with guidelines and techniques identified in NY Code Rule 56.

Fee Schedule

Asbestos Technician Hourly Rate: (Weekday ≤ 8hrs.) \$35.00/Hr. for estimated 120 Hrs. (2 wks)	\$ 4,200.00
Asbestos Technician Overtime Rate: (Weekday ≥ 8hrs. & weekends) \$48.00/Hr. for estimated 20 Hrs.	\$ 960.00.
Sample Cost: PCM Air Samples (Standard 48 Hr. TAT) : \$ 8.00/Sample for estimated 150 Samples	\$ 1,200.00
Sample Cost: PCM Air Samples (RUSH 6 Hr. TAT) : \$ 24.00/Sample for estimated 12 samples (Final Clearance)	\$ TBD
Visual inspections / Final Report :	\$ 250.00
NYS Variance application: - For Asbestos Debris in basement (Site assessment, Variance Preparation, Reporting, NYS submission fee)	\$1,800.00
TOTAL COST:	\$8,410.00

Note: If days on-site go beyond the estimated days the total cost will reflect the additional days at the standard Day Rates listed above. Sample Quantities are estimates only the final cost for sampling will be determined by the variation of material being sampled onsite.

Please sign and return- via email, mail, or fax.

Date:	PO #:	Name/Title:
-------	-------	-------------

Signature:

Regards,

Jonathan Wolf
AMD Environmental, Inc.

November 16, 2017

Anthony L. Lopes, P.E.
Professional Engineer 1
Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Street
Buffalo, NY 14203

Re: **Planned Asbestos Removal - 2
MOD-PAC CORP.
1801 Elmwood Avenue
Buffalo, Erie County, NY
BCP Site No. C915314**

Dear Mr. Lopes:

MOD-PAC CORP. (MOD-PAC) has entered into the Brownfield Cleanup Program (BCP) for the above referenced site. MOD-PAC has asbestos removal requirements associated the following two projects.

- Removal and disposal of asbestos pipe insulation from the press room #12, 16 to 18 feet above floor level from column B2 to B7.
- Removal and disposal of asbestos pipe insulation from the press room #12, 16 to 20 feet above floor level from column B2 to B3.

A general scope of work and cost estimates are attached. An independent third party will be regained for appropriate asbestos air monitoring. Should you have any questions or need further information, please contact me at 716-667-3130.

Very truly yours,
HAZARD EVALUATIONS, INC.



Michele M. Wittman, P.G.
Director of Site Services

Cc: David Lupp, Chief Operating Officer and Chief Financial Officer

Attachments



GREAT LAKES ABATEMENT CO., INC.

3463 BROADWAY STREET CHEEKTOWAGA, NEW YORK 14227

PHONE (716) 874-0368 • FAX (716) 874-0485

• EMAIL BBENGART@AOL.COM

-ESTABLISHED 1989-

October 25, 2017

Mod Pac Corp.
Mr. Dave Steffen
1081 Elmwood Ave.
Buffalo, NY 14207

**Re: Asbestos Abatement GLA 1875 Q- 1801 Elmwood Ave. Buffalo, NY -
Press Rm. #12 / Rm. #114 – Pipe & Insulation Removal**

Dear Mr. Steffen,

We propose to furnish all the necessary labor, materials, tools, equipment, insurance, supervision, OSHA personnel air sampling necessary to complete asbestos abatement as outlined in the scope of work and survey supplied by owner. The owner or site representative must hire a third party independent asbestos monitoring firm for project specific variance, project and air monitoring requirements, final visual inspection after abatement is complete and an asbestos survey for minor, small and large asbestos projects. This work shall be completed under small asbestos project protocol and in accordance with all rules and regulations following all Federal, State and Local agencies, and for proper liaison to and interface with such regulatory authorities having jurisdiction, and as to guidelines as set forth by the EPA, OSHA, NIOSH DEC, DOT, and NYS-DOL.

WORK SCOPE:

The removal and disposal of asbestos containing pipe insulation (under NYS-DOL Variance File #17-1095), from the Press Rm. #12 / Rm. #114 Area 16' to 18' above floor level from column B2 to B7 located at Mod Pac Corp. Buffalo, N. Y..

GENERAL CONDITIONS & CLARIFICATIONS:

The following are general conditions and clarifications, which are meant to help identify the owner and contractor responsibilities during the performance of this abatement project.

The owner is responsible to provide all necessary utilities including electric, potable cold water, sanitary drain; all utilities are understood to be located within approximately 100 feet of the work site.

The contractor shall provide and install temporary water and sanitary drain hoses. It is the owner's responsibility to provide standard garden style or standard IPS water fittings with a shut off valve at the source.

All work to be performed at AM and PM hours and to owner's preference on weekends from Friday to Sunday.

PRICING - GLA 1875 Q -

Asbestos Abatement \$37,611.00
Thirty Seven Thousand Six Hundred Eleven Dollars & 00/100

If contractor is successful in securing the contract for this work the following paragraph must be included in any purchase orders or contracts which are issued for this work. The purpose of this paragraph is to help define the limits of liability with regards to the asbestos which is already in place and located at the job site prior to the start of work. The contractor will take responsibility for the containment of the asbestos and the control of asbestos debris once the project begins and the work on site actually starts.

It is understood that the owner is considered as the "generator" of the asbestos containing material waste. The contractor is responsible to perform the safe and proper removal and or encapsulation, handling. And proper on site clean up of asbestos materials, dust and debris and if required the disposal of the asbestos containing waste for the generator. The generator shall retain title to and ownership of all asbestos containing waste as well as title to all other "associated materials" utilized in the removal, enclosure, or encapsulation of the asbestos containing material. Final disposal manifest (waste shipment record) will be forwarded to you within 45 calendar days of the removal of the asbestos containing material from your job site.

In no event shall the contractor be liable for any loss, expense or claim relating to damage or injury to any person or property, which occurred prior to the contract start date or which results from an event which occurred or a condition or state of fact which existed prior to the start date of this contract (including but not limited to the presence of asbestos in the owners facility or the release thereof into the environment), if such event or condition is not caused or made worse by the contractor. Owner agrees to indemnify and hold harmless the contractor from and against any such loss, expenses or claim including but not limited to legal expenses incurred in the defense of such claim. The contractor agrees to indemnify and hold harmless the owner, it's agents and

employees, from and against any claims, loss, expense including attorneys and experts fees arising from contractors acts or omissions, including any condition's made worse by contractors actions or failure to act.

Payment terms are (2% discount / 10 days) or net 30 days: all invoices are due and payable in accordance with specific terms upon receipt. Interest will be charged on any outstanding past due balances at the rate of 1.5% per month (18% per annum.). Any fees, expenses, costs, incurred for the collection of unpaid balances will be paid by you including, but not limited to collection agency fees, attorney fees, and court costs. This quote is contingent upon execution of contract within 30 days upon receipt.

If you have any questions concerning any items detailed in this proposal or requires clarifications on any items, please do not hesitate to contact us.

Very Truly Yours,

Bradley E. Bengart
President

**ACKNOWLEDGMENT AND AGREEMENT TO QUOTE AND PAYMENT
TERMS: GLA-A-1875 Q**

OWNER _____ **DATE** _____
COMPANY REPRESENTATIVE



GREAT LAKES ABATEMENT CO., INC.

3463 BROADWAY STREET CHEEKTOWAGA, NEW YORK 14227

PHONE (716) 874-0368 • FAX (716) 874-0485

• EMAIL BBENGART@AOL.COM

-ESTABLISHED 1989-

October 25, 2017

Mod Pac Corp.
Mr. Dave Steffen
1081 Elmwood Ave.
Buffalo, NY 14207

**Re: Asbestos Abatement GLA 1875 P- 1801 Elmwood Ave. Buffalo, NY -
Press Rm. #12 / Rm. #114 – Pipe & Insulation Removal**

Dear Mr. Steffen,

We propose to furnish all the necessary labor, materials, tools, equipment, insurance, supervision, OSHA personnel air sampling necessary to complete asbestos abatement as outlined in the scope of work and survey supplied by owner. The owner or site representative must hire a third party independent asbestos monitoring firm for project specific variance, project and air monitoring requirements, final visual inspection after abatement is complete and an asbestos survey for minor, small and large asbestos projects. This work shall be completed under small asbestos project protocol and in accordance with all rules and regulations following all Federal, State and Local agencies, and for proper liaison to and interface with such regulatory authorities having jurisdiction, and as to guidelines as set forth by the EPA, OSHA, NIOSH DEC, DOT, and NYS-DOL.

WORK SCOPE:

The removal and disposal of asbestos containing pipe insulation (under NYS-DOL Variance File #17-1095), from the Press Rm. #12 / Rm. #114 Area 16' to 20' above floor level from column B2 to B3 located at Mod Pac Corp. Buffalo, N. Y..

GENERAL CONDITIONS & CLARIFICATIONS:

The following are general conditions and clarifications, which are meant to help identify the owner and contractor responsibilities during the performance of this abatement project.

The owner is responsible to provide all necessary utilities including electric, potable cold water, sanitary drain; all utilities are understood to be located within approximately 100 feet of the work site.

The contractor shall provide and install temporary water and sanitary drain hoses. It is the owner's responsibility to provide standard garden style or standard IPS water fittings with a shut off valve at the source.

All work to be performed at AM and PM hours and to owner's preference on weekends from Friday to Sunday.

PRICING - GLA 1875 P -

Asbestos Abatement \$16,312.00
Sixteen Thousand Three Hundred Twelve Dollars & 00/100

If contractor is successful in securing the contract for this work the following paragraph must be included in any purchase orders or contracts which are issued for this work. The purpose of this paragraph is to help define the limits of liability with regards to the asbestos which is already in place and located at the job site prior to the start of work. The contractor will take responsibility for the containment of the asbestos and the control of asbestos debris once the project begins and the work on site actually starts.

It is understood that the owner is considered as the "generator" of the asbestos containing material waste. The contractor is responsible to perform the safe and proper removal and or encapsulation, handling. And proper on site clean up of asbestos materials, dust and debris and if required the disposal of the asbestos containing waste for the generator. The generator shall retain title to and ownership of all asbestos containing waste as well as title to all other "associated materials" utilized in the removal, enclosure, or encapsulation of the asbestos containing material. Final disposal manifest (waste shipment record) will be forwarded to you within 45 calendar days of the removal of the asbestos containing material from your job site.

In no event shall the contractor be liable for any loss, expense or claim relating to damage or injury to any person or property, which occurred prior to the contract start date or which results from an event which occurred or a condition or state of fact which existed prior to the start date of this contract (including but not limited to the presence of asbestos in the owners facility or the release thereof into the environment), if such event or condition is not caused or made worse by the contractor. Owner agrees to indemnify and hold harmless the contractor from and against any such loss, expenses or claim including but not limited to legal expenses incurred in the defense of such claim. The contractor agrees to indemnify and hold harmless the owner, it's agents and

employees, from and against any claims, loss, expense including attorneys and experts fees arising from contractors acts or omissions, including any condition's made worse by contractors actions or failure to act.

Payment terms are (2% discount / 10 days) or net 30 days: all invoices are due and payable in accordance with specific terms upon receipt. Interest will be charged on any outstanding past due balances at the rate of 1.5% per month (18% per annum.). Any fees, expenses, costs, incurred for the collection of unpaid balances will be paid by you including, but not limited to collection agency fees, attorney fees, and court costs. This quote is contingent upon execution of contract within 30 days upon receipt.

If you have any questions concerning any items detailed in this proposal or requires clarifications on any items, please do not hesitate to contact us.

Very Truly Yours,

Bradley E. Bengart
President

**ACKNOWLEDGMENT AND AGREEMENT TO QUOTE AND PAYMENT
TERMS: GLA-A-1875 P**

OWNER _____ **DATE** _____
COMPANY REPRESENTATIVE