GeoEngineers

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Memorandum

To:	Alan Noell and Tim O'Connor, Washington Department of Ecology
Cc:	Marty Penhallegon and Gary East, P&GE, LLC
From:	Rob Leet and Terry McPhetridge
Date:	July 30, 2020
File:	6694-002-03
Subject:	Results of Pre-Construction Soil Sampling – Go East Corp Landfill Site, Everett, Washington

This memorandum transmits laboratory testing results for soil samples, samples of suspect asbestos-containing material (ACM), and samples of suspect lead-based paint (LBP) collected at the Go East Corp Landfill Site in Everett, Washington (Site) on June 29 and 30, 2020. The samples were collected and analyzed in accordance with the Public Review Draft *Interim Action Work Plan, Go East Corp Landfill Site, Everett, Washington* prepared by GeoEngineers, dated April 23, 2020 (IAWP).

A map showing the sampling locations is provided in Figure 1. The laboratory analytical testing results for soil samples are summarized in Tables 1, 2, and 3. Test pit logs, laboratory analytical reports, and an Asbestos and Lead-Based Paint Survey report prepared by Pacific Rim Environmental (PacRim) also are attached.

ON-SITE FILL SOURCE SOIL SAMPLES

One soil sample was submitted for laboratory analysis from each of ten test pits completed in the on-site source areas for structural fill (test pits Fill-01 through Fill-10; see Figure 1). The samples were collected at depths of 1 to 3 feet below ground surface (bgs). Due to the presence of dense vegetation that prevented access for land surveying and sampling, six of the on-site fill source samples were collected at different locations than proposed in the IAWP. GeoEngineers submitted a map showing approximate proposed alternate sampling locations to the Washington Department of Ecology (Ecology) on June 26, 2020. Ecology approved the proposed alternate locations on June 29, 2020.

The on-site fill source samples were analyzed for metals (arsenic, cadmium, chromium, copper, lead, mercury, nickel, selenium, and zinc), polychlorinated biphenyls (PCBs), and polycyclic aromatic hydrocarbons (PAHs) to evaluate background concentrations of these constituents. In addition, three of the samples were analyzed for total petroleum hydrocarbons as gasoline range organics (GRO), diesel range organics (DRO), and heavy oil range organics (ORO); volatile organic compounds (VOCs); semivolatile organic compounds (SVOCs); organochlorine pesticides; and chlorinated acid herbicides.

The analytical results for the on-site fill source samples are summarized in Table 1. Chromium, copper, nickel, and zinc were the only constituents detected above laboratory reporting limits in the on-site fill source samples. None of these metals was detected at concentrations exceeding the respective interim action levels (IALs) developed by Ecology. The reported metal concentrations in the samples are consistent with natural background concentrations presented in *Natural Background Soil Metals Concentrations in Washington State* (Ecology Publication #94-115, October 1994).

The approximate current Landfill limit shown in the IAWP figures was adjusted slightly near test pits Fill-04 and Fill-08 based on the laboratory testing results and the observed topography and soil types in the vicinity of these test pits. The approximate current Landfill limit shown on the attached Figure 1 reflects the minor adjustments that were made.

FORMER STORAGE TANK AREA SOIL SAMPLE

In accordance with the IAWP, one soil sample was submitted for laboratory analysis from the former storage tank location (i.e., location FST-01; see Figure 1). The former storage tank location was identified and staked in the field by a professional land surveyor from PACE Engineers (PACE) on June 25, 2020 using geospatial coordinates for the tank's location derived from a land survey performed by PACE in 2009, when the tank was still present on the property.

The former storage tank area was mostly devoid of vegetation. It appeared that vegetation in the area had been previously cut and cleared, possibly by the owner of the west-adjacent residence. Sparse leaves and twigs on the ground surface in the vicinity of the survey stake were cleared and surficial soil was inspected for signs of potential contamination. No evidence of contamination was observed. Accordingly, the soil sample was collected from a depth of approximately 1 foot bgs at the staked location per the IAWP. The former storage tank area sample was analyzed for GRO, DRO, and ORO; and benzene, toluene, ethylbenzene, and xylenes (BTEX).

The analytical results for the former storage tank area sample are summarized in Table 1. GRO and BTEX were not detected above laboratory reporting limits in the former storage tank area sample. DRO and ORO were detected at concentrations less than the IAL for total DRO and ORO. In accordance with the IAWP, no follow-up analyses were performed on the former storage tank area soil sample.

SUPPLEMENTAL LANDFILL MATERIAL SOIL SAMPLES

One soil sample was collected for laboratory analysis from each of twelve test pits completed in the interim action excavation area (test pits STP-01 through STP-12; see Figure 1). In accordance with the IAWP, the test pits were completed adjacent to the June 2019 test pit locations where the highest concentrations of hazardous substances were detected relative to the IALs. Details regarding the landfill material sampling conducted in June 2019 are provided in the IAWP.

The types of landfill materials encountered in the June 2020 test pits (documented on the test pit logs in Attachment A) were similar to the materials encountered in the June 2019 test pits. Test pits STP-01 and STP-02 were completed in the vicinity of June 2019 test pits TP-1 and TP-2 (Figure 1). The reported ORO concentrations in soil samples collected from test pits TP-1 and TP-2 in June 2019 were among the highest concentrations detected in the June 2019 samples. The highest ORO concentration detected in June 2019 was 28,000 milligrams per kilogram (mg/kg) in a sample collected from TP-1 at a depth of 20 feet bgs.

The soil samples obtained from test pits STP-01 and STP-02 in June 2020 were collected at depths of 20 feet bgs and 11 feet bgs, respectively. The samples obtained from test pits STP-03 through STP-09, STP-11, and STP-12 were collected at depths of 2 to 15 feet bgs. The sample obtained from test pit STP-10 was collected from the stockpile of material excavated from the test pit. The samples were analyzed for GRO, DRO, and ORO; VOCs;

SVOCs; PCBs; organochlorine pesticides; chlorinated acid herbicides; and metals (arsenic, cadmium, chromium, copper, lead, mercury, nickel, selenium, and zinc).

The analytical results for the supplemental landfill material samples are summarized in Table 2. The primary constituents detected were ORO, PAHs, and metals. The detection of ORO and PAHs in the samples is consistent with the known presence of charred materials, asphalt-based roofing materials, and asphalt concrete rubble in the Landfill. The reported concentrations of ORO, PAHs, and metals were consistent (in order of magnitude) with the reported concentrations of these constituents in the June 2019 landfill material soil samples.

Limited detections of individual VOCs, SVOCs, PCBs, pesticides, and herbicides also were reported at low levels in some supplemental landfill material samples. PCBs (Aroclor 1254) were detected in two samples. The reported PCB detections were less than the IAWP-defined threshold of 1 mg/kg for managing excavated landfill material in accordance with Federal Toxic Substances Control Act requirements for PCB remediation waste.

Lead was the only constituent detected at concentrations (in mg/kg) greater than 20 times the respective toxicity characteristic dangerous waste thresholds (in milligrams per liter [mg/L]) provided in Section 173-303-090(8) of the Washington Administrative Code. Lead was detected at concentrations greater than 20 times the associated dangerous waste threshold of 5.0 mg/L in eight samples. Total lead concentrations in these eight samples ranged from 110 to 200 mg/kg. Follow-up Toxicity Characteristic Leaching Procedure (TCLP) lead analysis was performed on these samples.[1]

The follow-up TCLP analytical results for the supplemental landfill material samples are summarized in Table 3. TLCP lead was not detected above the laboratory reporting limit in seven of the eight samples. The one sample with a positive detection of TCLP lead (sample STP-05-10) had a reported lead concentration of 0.57 mg/L in the TCLP extract. This is less than the dangerous waste threshold of 5.0 mg/L.

The sample with the highest reported concentration of total mercury (1.3 mg/kg in sample STP-05-10) was analyzed for TCLP mercury. Mercury was not detected above the laboratory reporting limit of 0.0050 mg/L in the TCLP extract (Table 3). The dangerous waste threshold for TCLP mercury is 0.2 mg/L.

Follow-up analysis for DRO and ORO using Method NWTPH-Dx with acid/silica gel cleanup was performed on the eight samples with the highest reported ORO concentrations. The reported ORO concentrations in these samples (from the initial analyses without acid/silica gel cleanup) ranged from 430 to 10,000 mg/kg. These detections may reflect the presence of asphalt debris in the Landfill. The ORO results from the follow-up analyses performed with acid/silica gel cleanup were lower than the results from the initial analyses (Table 2). This suggests the ORO results from the initial analyses may be biased high due to analytical interference by biogenic organics such as tannins and lignins from woody debris in the Landfill.

[1] For details regarding the rationale for performing follow-up TCLP analysis only on samples with constituent concentrations greater than 20 times the toxicity characteristic dangerous waste threshold, see "Total Constituent Analysis Instead of TCLP Analysis" at https://archive.epa.gov/epawaste/hazard/web/html/faq_tclp.html#Total.

ASBESTOS AND LEAD-BASED PAINT TESTING RESULTS

A certified asbestos professional and lead inspector/risk assessor from PacRim collected and submitted 16 samples of suspect ACM and four samples of suspect LBP for laboratory testing. The samples of suspect ACM were collected from five test pits (STP-01, STP-02, STP-03, STP-07, and STP-12) and the samples of suspect LBP were collected from three test pits (STP-04, STP-06, and STP-10). Details of the suspect ACM and LBP sampling and testing results are provided in the attached Asbestos and Lead-Based Paint Survey report prepared by PacRim.

Three of the sixteen suspect ACM samples were found to contain more than 1 percent asbestos. Accordingly, the associated materials were designated as ACM per Puget Sound Clean Air Agency Regulation III, Article 4, Section 4.01. The ACM was encountered at test pits STP-01, STP-02, STP-03, and STP-07, and comprised three types of material:

- Built-up roofing and insulation debris.
- Built-up roofing and pea gravel ballast.
- Cement board.

The remaining 13 samples of suspect ACM were found to contain less than 1 percent asbestos and therefore the associated materials were not designated as ACM.

None of the suspect LBP samples was found to contain lead at a concentration exceeding the U.S. Environmental Protection Agency threshold for designation as LBP of 0.5 percent lead. Accordingly, none of the suspect LBP samples was designated as LBP.

Attachments:
Table 1. Analytical Results for On-Site Fill Source Soil Samples and Former Storage Tank Area Soil Sample (June 2020)
Table 2. Analytical Results for Supplemental Landfill Material Soil Samples (June 2020)
Table 3. Follow-Up TCLP Analytical Results for Supplemental Landfill Material Soil Samples (June 2020)
Figure 1. Soil Sampling Locations
Attachment A. Test Pit Logs
Attachment B. Laboratory Analytical Reports
Attachment C. Asbestos and Lead-Based Paint Survey Report prepared by Pacific Rim Environmental

Table 1

Analytical Results for On-Site Fill Source Soil Samples and Former Storage Tank Area Soil Sample (June 2020)

Go East Corp Landfill Site

Everett, Washington

Location Identification:	Fill-01	Fill-02	Fill-03	Fill-04	Fill-05	Fill-06	Fill-07	Fill-08	Fill-09	Fill-10	FST-01	Interim Action Level (a)
Sample Identification:	**Fill-01-3**	**Fill-02-3**	**Fill-03-3**	**Fill-04-3**	**Fill-05-3**	**Fill-06-3**	**Fill-07-1**	**Fill-08-3**	**Fill-09-3**	**Fill-10-3**	**FST-01-1**	
Sample Date:	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	
Approximate Sample Depth (ft bgs):	**3**	**3**	**3**	**3**	**3**	**3**	**1**	**3**	**3**	**3**	**1**	
Elevation (ft NAVD88):	**292.4**	**290.5**	**283.3**	**265.1**	**260.1**	**243.9**	**239.9**	**237.4**	**238.5**	**235.6**	**300.8**	
Northing (ft WSPN):	**330946.2**	**330900.5**	**330823.2**	**330730.3**	**330762.8**	**330397.8**	**330338.3**	**330310.7**	**330270.3**	**330247.4**	**330845.0**	
Easting (ft WSPN):	**1311613.2**	**1311734.2**	**1311830.1**	**1311724.4**	**1311637.6**	**1311796.2**	**1311914.0**	**1311982.3**	**1312052.1**	**1312130.7**	**1311480.4**	
Total Petroleum Hydrocarbons by Ecology Methods NWTPH-Gx and NWTPH-Dx (without Acid/Silica Gel Cleanup) (mg/kg)												
Gasoline Range Organics (GRO)	--	--	6.3 U	--	--	6.9 U	--	--	6.7 U	--	5.8 U	30/100
Diesel Range Organics (DRO)	--	--	27 U	--	--	30 U	--	--	29 U	--	**93**	--
Heavy Oil Range Organics (ORO)	--	--	54 U	--	--	60 U	--	--	57 U	--	**160**	--
Total Diesel and Heavy Oil Range Organics (DRO+ORO)	--	--	54 U	--	--	60 U	--	--	57 U	--	**253**	260
Aromatic Volatile Organic Compounds by EPA Method 8021B (mg/kg)												
Benzene	--	--	--	--	--	--	--	--	--	--	0.020 U	0.0024
Toluene	--	--	--	--	--	--	--	--	--	--	0.058 U	0.40
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	0.058 U	0.24
m,p-Xylene	--	--	--	--	--	--	--	--	--	--	0.058 U	--
o-Xylene	--	--	--	--	--	--	--	--	--	--	0.058 U	--
Total Xylenes	--	--	--	--	--	--	--	--	--	--	0.058 U	14
Volatile Organic Compounds by EPA Method 8260D (mg/kg)												
1,1,1,2-Tetrachloroethane	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	38
1,1,1-Trichloroethane	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	1.5
1,1,2,2-Tetrachloroethane	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.0010
1,1,2-Trichloroethane	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.0019
1,1-Dichloroethane	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.041
1,1-Dichloroethylene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.044
1,1-Dichloropropene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	--
1,2,3-Trichlorobenzene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	20
1,2,3-Trichloropropane	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.033
1,2,4-Trichlorobenzene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.033
1,2,4-Trimethylbenzene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	800
1,2-Dibromo-3-Chloropropane	--	--	0.0061 U	--	--	0.0055 U	--	--	0.0067 U	--	--	1.3
1,2-Dichlorobenzene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	7.0
1,2-Dichloroethane	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.023
1,2-Dichloropropane	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.0036
1,3,5-Trimethylbenzene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	800
1,3-Dichlorobenzene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	--
1,3-Dichloropropane	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	--
1,4-Dichlorobenzene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.98
2,2-Dichloropropane	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	--
2-Chloroethyl vinyl ether	--	--	0.0061 U	--	--	0.0055 U	--	--	0.0067 U	--	--	--
2-Chlorotoluene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	1,600
2-Hexanone	--	--	0.0061 U	--	--	0.0055 U	--	--	0.0067 U	--	--	400
4-Chlorotoluene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	--
4-Isopropyltoluene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	--
Acetone	--	--	0.012 U	--	--	0.011 U	--	--	0.013 U	--	--	29
Benzene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.0024

Table 1

Analytical Results for On-Site Fill Source Soil Samples and Former Storage Tank Area Soil Sample (June 2020)

Go East Corp Landfill Site

Everett, Washington

Location Identification:	Fill-01	Fill-02	Fill-03	Fill-04	Fill-05	Fill-06	Fill-07	Fill-08	Fill-09	Fill-10	FST-01	
Sample Identification:	Fill-01-3	Fill-02-3	Fill-03-3	Fill-04-3	Fill-05-3	Fill-06-3	Fill-07-1	Fill-08-3	Fill-09-3	Fill-10-3	FST-01-1	
Sample Date:	6/29/2020	6/29/2020	6/29/2020	6/29/2020	6/29/2020	6/29/2020	6/29/2020	6/29/2020	6/29/2020	6/29/2020	6/29/2020	
Approximate Sample Depth (ft bgs):	3	3	3	3	3	3	1	3	3	3	1	
Elevation (ft NAVD88):	292.4	290.5	283.3	265.1	260.1	243.9	239.9	237.4	238.5	235.6	300.8	
Northing (ft WSPN):	330946.2	330900.5	330823.2	330730.3	330762.8	330397.8	330338.3	330310.7	330270.3	330247.4	330845.0	Interim Action
Easting (ft WSPN):	1311613.2	1311734.2	1311830.1	1311724.4	1311637.6	1311796.2	1311914.0	1311982.3	1312052.1	1312130.7	1311480.4	Level (a)
Bromobenzene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.56
Bromochloromethane	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	--
Bromoform	--	--	0.0061 U	--	--	0.0055 U	--	--	0.0067 U	--	--	0.030
Bromomethane	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.050
Carbon Disulfide	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	5.0
Carbon Tetrachloride	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.0017
Chlorobenzene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.17
Chloroethane	--	--	0.0061 U	--	--	0.0055 U	--	--	0.0067 U	--	--	--
Chloroform	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.074
Chloromethane	--	--	0.0079 U	--	--	0.0071 U	--	--	0.0087 U	--	--	--
cis-1,2-Dichloroethylene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.078
cis-1,3-Dichloropropene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.0011
Dibromochloromethane	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.0032
Dibromomethane	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	800
Dichlorobromomethane	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.0038
Dichlorodifluoromethane	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	16,000
Ethylbenzene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.24
Ethylene dibromide	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.0010
Hexachlorobutadiene	--	--	0.0061 U	--	--	0.0055 U	--	--	0.0067 U	--	--	0.033
Isopropylbenzene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	8,000
Methyl ethyl ketone (MEK)	--	--	0.0061 U	--	--	0.0055 U	--	--	0.0067 U	--	--	48,000
Methyl Iodide	--	--	0.0061 U	--	--	0.0055 U	--	--	0.0067 U	--	--	--
Methyl isobutyl ketone	--	--	0.0061 U	--	--	0.0055 U	--	--	0.0067 U	--	--	6,400
Methyl tert-butyl ether	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.10
Methylene Chloride	--	--	0.0061 U	--	--	0.0055 U	--	--	0.0067 U	--	--	0.021
Naphthalene	--	--	0.0061 U	--	--	0.0055 U	--	--	0.0067 U	--	--	4.5
n-Butylbenzene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	4,000
n-Propylbenzene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	8,000
Sec-Butylbenzene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	8,000
Styrene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	2.2
Tert-Butylbenzene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	8,000
Tetrachloroethylene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.024
Toluene	--	--	0.0061 U	--	--	0.0055 U	--	--	0.0067 U	--	--	0.40
m,p-Xylene	--	--	0.0024 U	--	--	0.0022 U	--	--	0.0027 U	--	--	--
o-Xylene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	--
Total Xylenes	--	--	0.0024 U	--	--	0.0022 U	--	--	0.0027 U	--	--	14
trans-1,2-Dichloroethylene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.52
trans-1,3-Dichloropropene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.0011
Trichloroethylene	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.0019
Trichlorofluoromethane	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	24,000

Table 1

Analytical Results for On-Site Fill Source Soil Samples and Former Storage Tank Area Soil Sample (June 2020)

Go East Corp Landfill Site

Everett, Washington

Location Identification:	Fill-01	Fill-02	Fill-03	Fill-04	Fill-05	Fill-06	Fill-07	Fill-08	Fill-09	Fill-10	FST-01	
Sample Identification:	**Fill-01-3**	**Fill-02-3**	**Fill-03-3**	**Fill-04-3**	**Fill-05-3**	**Fill-06-3**	**Fill-07-1**	**Fill-08-3**	**Fill-09-3**	**Fill-10-3**	**FST-01-1**	
Sample Date:	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	
Approximate Sample Depth (ft bgs):	**3**	**3**	**3**	**3**	**3**	**3**	**1**	**3**	**3**	**3**	**1**	
Elevation (ft NAVD88):	**292.4**	**290.5**	**283.3**	**265.1**	**260.1**	**243.9**	**239.9**	**237.4**	**238.5**	**235.6**	**300.8**	
Northing (ft WSPN):	**330946.2**	**330900.5**	**330823.2**	**330730.3**	**330762.8**	**330397.8**	**330338.3**	**330310.7**	**330270.3**	**330247.4**	**330845.0**	**Interim Action**
Easting (ft WSPN):	**1311613.2**	**1311734.2**	**1311830.1**	**1311724.4**	**1311637.6**	**1311796.2**	**1311914.0**	**1311982.3**	**1312052.1**	**1312130.7**	**1311480.4**	**Level (a)**
Vinyl Acetate	--	--	0.0061 U	--	--	0.0055 U	--	--	0.0067 U	--	--	33
Vinyl Chloride	--	--	0.0012 U	--	--	0.0011 U	--	--	0.0013 U	--	--	0.0010
Semivolatile Organic Compounds with Low-Level Polycyclic Aromatic Hydrocarbons by EPA Method 8270E/Selective Ion Monitoring (mg/kg)												
1,2-Dinitrobenzene	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	8.0
1,2-Diphenylhydrazine	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	1.3
1,3-Dinitrobenzene	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	8.0
1,4-Dinitrobenzene	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	8.0
2,3,4,6-Tetrachlorophenol	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	2,400
2,3,5,6-Tetrachlorophenol	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	--
2,3-Dichloroaniline	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	--
2,4,5-Trichlorophenol	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	4.0
2,4,6-Trichlorophenol	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	0.033
2,4-Dichlorophenol	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	0.069
2,4-Dimethylphenol	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	0.70
2,4-Dinitrophenol	--	--	0.18 U	--	--	0.45 U	--	--	0.43 U	--	--	0.17
2,4-Dinitrotoluene	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	0.033
2,6-Dinitrotoluene	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	0.033
2-Chloronaphthalene	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	6,400
2-Chlorophenol	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	0.18
2-Methylphenol	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	2.3
2-Nitroaniline	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	800
2-Nitrophenol	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	--
3,3'-Dichlorobenzidine	--	--	0.18 U	--	--	0.20 U	--	--	0.19 U	--	--	0.17
3+4-Methylphenol	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	4,000
3-Nitroaniline	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	--
4,6-Dinitro-2-Methylphenol	--	--	0.18 U	--	--	0.34 U	--	--	0.33 U	--	--	--
4-Bromophenyl phenyl ether	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	--
4-Chloro-3-Methylphenol	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	--
4-Chloroaniline	--	--	0.18 U	--	--	0.20 U	--	--	0.19 U	--	--	0.17
4-Chlorophenyl phenyl ether	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	--
4-Nitroaniline	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	320
4-Nitrophenol	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	7.0
Aniline	--	--	0.18 U	--	--	0.20 U	--	--	0.19 U	--	--	180
Benzyl Alcohol	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	8,000
Bis(2-Chloroethoxy)Methane	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	--
Bis(2-Chloroethyl)Ether	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	0.033
Bis(2-chloroisopropyl) ether	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	--
Bis(2-Ethylhexyl) Phthalate	--	--	0.18 U	--	--	0.20 U	--	--	0.19 U	--	--	0.17
Butyl benzyl Phthalate	--	--	0.18 U	--	--	0.20 U	--	--	0.19 U	--	--	0.17
Carbazole	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	3.7

Table 1

Analytical Results for On-Site Fill Source Soil Samples and Former Storage Tank Area Soil Sample (June 2020)

Go East Corp Landfill Site

Everett, Washington

Location Identification:	Fill-01	Fill-02	Fill-03	Fill-04	Fill-05	Fill-06	Fill-07	Fill-08	Fill-09	Fill-10	FST-01	
Sample Identification:	Fill-01-3	Fill-02-3	Fill-03-3	Fill-04-3	Fill-05-3	Fill-06-3	Fill-07-1	Fill-08-3	Fill-09-3	Fill-10-3	FST-01-1	
Sample Date:	6/29/2020	6/29/2020	6/29/2020	6/29/2020	6/29/2020	6/29/2020	6/29/2020	6/29/2020	6/29/2020	6/29/2020	6/29/2020	
Approximate Sample Depth (ft bgs):	3	3	3	3	3	3	1	3	3	3	1	
Elevation (ft NAVD88):	292.4	290.5	283.3	265.1	260.1	243.9	239.9	237.4	238.5	235.6	300.8	
Northing (ft WSPN):	330946.2	330900.5	330823.2	330730.3	330762.8	330397.8	330338.3	330310.7	330270.3	330247.4	330845.0	Interim Action Level (a)
Easting (ft WSPN):	1311613.2	1311734.2	1311830.1	1311724.4	1311637.6	1311796.2	1311914.0	1311982.3	1312052.1	1312130.7	1311480.4	
Di(2-ethylhexyl)adipate	--	--	0.18 U	--	--	0.20 U	--	--	0.19 U	--	--	--
Dibenzofuran	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	--
Dibutyl Phthalate	--	--	0.18 U	--	--	0.20 U	--	--	0.19 U	--	--	0.28
Diethyl Phthalate	--	--	0.18 U	--	--	0.20 U	--	--	0.19 U	--	--	1.1
Dimethyl Phthalate	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	200
Di-N-Octyl Phthalate	--	--	0.18 U	--	--	0.20 U	--	--	0.19 U	--	--	0.17
Hexachlorobenzene	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	0.033
Hexachlorocyclopentadiene	--	--	0.036 U	--	--	0.078 U	--	--	0.075 U	--	--	4.0
Hexachloroethane	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	0.033
Isophorone	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	0.13
Nitrobenzene	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	0.064
N-Nitrosodimethylamine	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	0.033
N-Nitrosodi-n-propylamine	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	0.033
N-Nitrosodiphenylamine	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	0.033
Pentachlorophenol	--	--	0.18 U	--	--	0.20 U	--	--	0.19 U	--	--	0.17
Phenol	--	--	0.036 U	--	--	0.040 U	--	--	0.038 U	--	--	0.74
Pyridine	--	--	0.36 U	--	--	0.40 U	--	--	0.38 U	--	--	80
1-Methylnaphthalene	0.0069 U	0.0075 U	0.0072 U	0.0076 U	0.0078 U	0.0080 U	0.0091 U	0.0077 U	0.0077 U	0.0076 U	--	34
2-Methylnaphthalene	0.0069 U	0.0075 U	0.0072 U	0.0076 U	0.0078 U	0.0080 U	0.0091 U	0.0077 U	0.0077 U	0.0076 U	--	320
Acenaphthene	0.0069 U	0.0075 U	0.0072 U	0.0076 U	0.0078 U	0.0080 U	0.0091 U	0.0077 U	0.0077 U	0.0076 U	--	3.1
Acenaphthylene	0.0069 U	0.0075 U	0.0072 U	0.0076 U	0.0078 U	0.0080 U	0.0091 U	0.0077 U	0.0077 U	0.0076 U	--	--
Anthracene	0.0069 U	0.0075 U	0.0072 U	0.0076 U	0.0078 U	0.0080 U	0.0091 U	0.0077 U	0.0077 U	0.0076 U	--	47
Benzo(a)anthracene	0.0069 U	0.0075 U	0.0072 U	0.0076 U	0.0078 U	0.0080 U	0.0091 U	0.0077 U	0.0077 U	0.0076 U	--	--
Benzo(a)pyrene	0.0069 U	0.0075 U	0.0072 U	0.0076 U	0.0078 U	0.0080 U	0.0091 U	0.0077 U	0.0077 U	0.0076 U	--	--
Benzo(b)fluoranthene	0.0069 U	0.0075 U	0.0072 U	0.0076 U	0.0078 U	0.0080 U	0.0091 U	0.0077 U	0.0077 U	0.0076 U	--	--
Benzo(g,h,i)perylene	0.0069 U	0.0075 U	0.0072 U	0.0076 U	0.0078 U	0.0080 U	0.0091 U	0.0077 U	0.0077 U	0.0076 U	--	--
Benzo(j,k)fluoranthene	0.0069 U	0.0075 U	0.0072 U	0.0076 U	0.0078 U	0.0080 U	0.0091 U	0.0077 U	0.0077 U	0.0076 U	--	--
Chrysene	0.0069 U	0.0075 U	0.0072 U	0.0076 U	0.0078 U	0.0080 U	0.0091 U	0.0077 U	0.0077 U	0.0076 U	--	--
Dibenz(a,h)anthracene	0.0069 U	0.0075 U	0.0072 U	0.0076 U	0.0078 U	0.0080 U	0.0091 U	0.0077 U	0.0077 U	0.0076 U	--	--
Fluoranthene	0.0069 U	0.0075 U	0.0072 U	0.0076 U	0.0078 U	0.0080 U	0.0091 U	0.0077 U	0.0077 U	0.0076 U	--	0.020
Fluorene	0.0069 U	0.0075 U	0.0072 U	0.0076 U	0.0078 U	0.0080 U	0.0091 U	0.0077 U	0.0077 U	0.0076 U	--	1.6
Indeno(1,2,3-c,d)pyrene	0.0069 U	0.0075 U	0.0072 U	0.0076 U	0.0078 U	0.0080 U	0.0091 U	0.0077 U	0.0077 U	0.0076 U	--	--
Naphthalene	0.0069 U	0.0075 U	0.0072 U	0.0076 U	0.0078 U	0.0080 U	0.0091 U	0.0077 U	0.0077 U	0.0076 U	--	4.5
Phenanthrene	0.0069 U	0.0075 U	0.0072 U	0.0076 U	0.0078 U	0.0080 U	0.0091 U	0.0077 U	0.0077 U	0.0076 U	--	--
Pyrene	0.0069 U	0.0075 U	0.0072 U	0.0076 U	0.0078 U	0.0080 U	0.0091 U	0.0077 U	0.0077 U	0.0076 U	--	0.020
cPAHs (TTEC) (b)	0.0052 U	0.0057 U	0.0054 U	0.0057 U	0.0059 U	0.0060 U	0.0069 U	0.0058 U	0.0058 U	0.0057 U	--	0.084
Polychlorinated Biphenyls as Aroclors by EPA Method 8082A (mg/kg)												
Aroclor 1016	0.052 U	0.056 U	0.054 U	0.057 U	0.059 U	0.060 U	0.068 U	0.058 U	0.057 U	0.057 U	--	--
Aroclor 1221	0.052 U	0.056 U	0.054 U	0.057 U	0.059 U	0.060 U	0.068 U	0.058 U	0.057 U	0.057 U	--	--
Aroclor 1232	0.052 U	0.056 U	0.054 U	0.057 U	0.059 U	0.060 U	0.068 U	0.058 U	0.057 U	0.057 U	--	--

Table 1

Analytical Results for On-Site Fill Source Soil Samples and Former Storage Tank Area Soil Sample (June 2020)

Go East Corp Landfill Site

Everett, Washington

Location Identification:	Fill-01	Fill-02	Fill-03	Fill-04	Fill-05	Fill-06	Fill-07	Fill-08	Fill-09	Fill-10	FST-01	
Sample Identification:	**Fill-01-3**	**Fill-02-3**	**Fill-03-3**	**Fill-04-3**	**Fill-05-3**	**Fill-06-3**	**Fill-07-1**	**Fill-08-3**	**Fill-09-3**	**Fill-10-3**	**FST-01-1**	
Sample Date:	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	
Approximate Sample Depth (ft bgs):	**3**	**3**	**3**	**3**	**3**	**3**	**1**	**3**	**3**	**3**	**1**	
Elevation (ft NAVD88):	**292.4**	**290.5**	**283.3**	**265.1**	**260.1**	**243.9**	**239.9**	**237.4**	**238.5**	**235.6**	**300.8**	
Northing (ft WSPN):	**330946.2**	**330900.5**	**330823.2**	**330730.3**	**330762.8**	**330397.8**	**330338.3**	**330310.7**	**330270.3**	**330247.4**	**330845.0**	**Interim Action**
Easting (ft WSPN):	**1311613.2**	**1311734.2**	**1311830.1**	**1311724.4**	**1311637.6**	**1311796.2**	**1311914.0**	**1311982.3**	**1312052.1**	**1312130.7**	**1311480.4**	**Level (a)**
Aroclor 1242	0.052 U	0.056 U	0.054 U	0.057 U	0.059 U	0.060 U	0.068 U	0.058 U	0.057 U	0.057 U	--	--
Aroclor 1248	0.052 U	0.056 U	0.054 U	0.057 U	0.059 U	0.060 U	0.068 U	0.058 U	0.057 U	0.057 U	--	--
Aroclor 1254	0.052 U	0.056 U	0.054 U	0.057 U	0.059 U	0.060 U	0.068 U	0.058 U	0.057 U	0.057 U	--	--
Aroclor 1260	0.052 U	0.056 U	0.054 U	0.057 U	0.059 U	0.060 U	0.068 U	0.058 U	0.057 U	0.057 U	--	--
Total PCB Aroclors	0.052 U	0.056 U	0.054 U	0.057 U	0.059 U	0.060 U	0.068 U	0.058 U	0.057 U	0.057 U	--	0.050
Organochlorine Pesticides by EPA Method 8081B (mg/kg)												
4,4'-DDD	--	--	0.011 U	--	--	0.012 U	--	--	0.011 U	--	--	0.010
4,4'-DDE	--	--	0.011 U	--	--	0.012 U	--	--	0.011 U	--	--	0.010
4,4'-DDT	--	--	0.011 U	--	--	0.012 U	--	--	0.011 U	--	--	0.010
Aldrin	--	--	0.0054 U	--	--	0.0060 U	--	--	0.0057 U	--	--	0.0050
Alpha-BHC	--	--	0.0054 U	--	--	0.0060 U	--	--	0.0057 U	--	--	0.0050
Beta-BHC	--	--	0.0054 U	--	--	0.0060 U	--	--	0.0057 U	--	--	0.0050
cis-Chlordane	--	--	0.011 U	--	--	0.012 U	--	--	0.011 U	--	--	0.010
trans-Chlordane	--	--	0.0054 U	--	--	0.0060 U	--	--	0.0057 U	--	--	0.0050
Chlordane (Total)	--	--	0.011 U	--	--	0.012 U	--	--	0.011 U	--	--	--
Delta-BHC	--	--	0.0054 U	--	--	0.0060 U	--	--	0.0057 U	--	--	6.0
Dieldrin	--	--	0.011 U	--	--	0.012 U	--	--	0.011 U	--	--	0.010
Endosulfan I	--	--	0.0054 U	--	--	0.0060 U	--	--	0.0057 U	--	--	0.0050
Endosulfan II	--	--	0.011 U	--	--	0.012 U	--	--	0.011 U	--	--	0.010
Endosulfan Sulfate	--	--	0.011 U	--	--	0.012 U	--	--	0.011 U	--	--	480
Endrin	--	--	0.0054 U	--	--	0.0060 U	--	--	0.0057 U	--	--	0.0050
Endrin Aldehyde	--	--	0.011 U	--	--	0.012 U	--	--	0.011 U	--	--	--
Endrin Ketone	--	--	0.011 U	--	--	0.012 U	--	--	0.011 U	--	--	--
Gamma-BHC	--	--	0.0054 U	--	--	0.0060 U	--	--	0.0057 U	--	--	0.0050
Heptachlor	--	--	0.0054 U	--	--	0.0060 U	--	--	0.0057 U	--	--	0.0050
Heptachlor Epoxide	--	--	0.0054 U	--	--	0.0060 U	--	--	0.0057 U	--	--	0.0050
Methoxychlor	--	--	0.011 U	--	--	0.012 U	--	--	0.011 U	--	--	0.032
Toxaphene	--	--	0.054 U	--	--	0.060 U	--	--	0.057 U	--	--	0.050
Chlorinated Acid Herbicides by EPA Method 8151A (mg/kg)												
2,4,5-T	--	--	0.010 U	--	--	0.011 U	--	--	0.011 U	--	--	800
2,4,5-TP	--	--	0.010 U	--	--	0.011 U	--	--	0.011 U	--	--	640
2,4-D	--	--	0.010 U	--	--	0.011 U	--	--	0.011 U	--	--	800
2,4-DB	--	--	0.010 U	--	--	0.011 U	--	--	0.011 U	--	--	2,400
Dalapon	--	--	0.20 U	--	--	0.22 U	--	--	0.21 U	--	--	2,400
Dicamba	--	--	0.010 U	--	--	0.011 U	--	--	0.011 U	--	--	2,400
Dichlorprop	--	--	0.077 U	--	--	0.084 U	--	--	0.081 U	--	--	--
Dinoseb	--	--	0.010 U	--	--	0.011 U	--	--	0.011 U	--	--	80
MCPA	--	--	2.5 U	--	--	2.8 U	--	--	2.7 U	--	--	40
MCPP	--	--	1.0 U	--	--	1.1 U	--	--	1.1 U	--	--	80

Table 1

Analytical Results for On-Site Fill Source Soil Samples and Former Storage Tank Area Soil Sample (June 2020)

Go East Corp Landfill Site

Everett, Washington

Location Identification:	Fill-01	Fill-02	Fill-03	Fill-04	Fill-05	Fill-06	Fill-07	Fill-08	Fill-09	Fill-10	FST-01	
Sample Identification:	**Fill-01-3**	**Fill-02-3**	**Fill-03-3**	**Fill-04-3**	**Fill-05-3**	**Fill-06-3**	**Fill-07-1**	**Fill-08-3**	**Fill-09-3**	**Fill-10-3**	**FST-01-1**	
Sample Date:	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	**6/29/2020**	
Approximate Sample Depth (ft bgs):	**3**	**3**	**3**	**3**	**3**	**3**	**1**	**3**	**3**	**3**	**1**	
Elevation (ft NAVD88):	**292.4**	**290.5**	**283.3**	**265.1**	**260.1**	**243.9**	**239.9**	**237.4**	**238.5**	**235.6**	**300.8**	
Northing (ft WSPN):	**330946.2**	**330900.5**	**330823.2**	**330730.3**	**330762.8**	**330397.8**	**330338.3**	**330310.7**	**330270.3**	**330247.4**	**330845.0**	**Interim Action Level (a)**
Easting (ft WSPN):	**1311613.2**	**1311734.2**	**1311830.1**	**1311724.4**	**1311637.6**	**1311796.2**	**1311914.0**	**1311982.3**	**1312052.1**	**1312130.7**	**1311480.4**	
Total Metals by EPA Methods 6010D/6020B/7471B (mg/kg)												
Arsenic	10 U	11 U	11 U	11 U	12 U	12 U	14 U	12 U	11 U	11 U	--	20
Cadmium	0.52 U	0.56 U	0.54 U	0.57 U	0.59 U	0.60 U	0.68 U	0.58 U	0.57 U	0.57 U	--	0.80
Chromium	**24**	**22**	**19**	**21**	**18**	**22**	**23**	**24**	**26**	**19**	--	48
Copper	**11**	**12**	**9.3**	**8.5**	**7.8**	**9.4**	**7.2**	**8.7**	**12**	**8.7**	--	36
Lead	5.2 U	5.6 U	5.4 U	5.7 U	5.9 U	6.0 U	6.8 U	5.8 U	5.7 U	5.7 U	--	50
Mercury	0.026 U	0.028 U	0.027 U	0.028 U	0.029 U	0.030 U	0.034 U	0.029 U	0.029 U	0.029 U	--	0.070
Nickel	**36**	**40**	**32**	**38**	**29**	**36**	**33**	**40**	**47**	**39**	--	48
Selenium	0.65 U	0.70 U	0.68 U	0.71 U	0.73 U	0.75 U	0.85 U	0.72 U	0.72 U	0.72 U	--	0.80
Zinc	**19**	**25**	**24**	**22**	**19**	**25**	**32**	**27**	**31**	**23**	--	86

Notes:

(a) Risk-based interim action levels (IALs) were derived by Ecology. Ecology-derived IALs were adjusted to the laboratory practical quantitation limit for analytical results reported on a wet-weight basis (PQL) if the Ecology-derived IAL was less than the PQL, per WAC 173-340-740(5)(c). For GRO, the 100 mg/kg value applies to gasoline mixtures without benzene and the total of toluene, ethylbenzene, and xylene is less than 1% of the gasoline mixture; the 30 mg/kg value applies to all other gasoline mixtures.

(b) Includes benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene.

-- = Not analyzed or not established

bgs = Below ground surface

cPAHs = Carcinogenic polycyclic aromatic hydrocarbons

EPA = U.S. Environmental Protection Agency

ft = Feet

mg/kg = Milligrams per kilogram

NAVD88 = North American Vertical Datum of 1988

PCB = Polychlorinated biphenyl

TTEC = Total toxic equivalent concentration of benzo(a)pyrene calculated per WAC 173-340-708(8)(e)(iii)(A) and using one-half the laboratory reporting limit for non-detected cPAHs.

U = The analyte was not detected; the reported numerical value represents the laboratory reporting limit.

WSPN = Washington State Plane North

Bold typeface indicates the constituent was detected at the reported concentration.

Blue highlighting indicates the laboratory reporting limit exceeds the interim action level; the associated interim action level is based on the laboratory practical quantitation limit for analytical results reported on a wet-weight basis. Analytical results in this table are reported on a dry-weight basis; laboratory reporting limits for these results vary depending on sample moisture content and matrix characteristics.

Green highlighting indicates the laboratory reporting limit exceeds the interim action level.

Table 2

Analytical Results for Supplemental Landfill Material Soil Samples (June 2020)

Go East Corp Landfill Site

Everett, Washington

Location Identification:	STP-01	STP-01	STP-02	STP-03	STP-04	STP-05	STP-06	STP-07	STP-08	STP-09	STP-10	STP-11	STP-12	Threshold for Follow-Up TCLP Analysis (20x Toxicity Characteristic Dangerous Waste Threshold) (a)	Threshold for Management as TSCA PCB Remediation Waste
Sample Identification:	**STP-01-20**	**Dup-1-200629**	**STP-02-11**	**STP-03-15**	**STP-04-15**	**STP-05-10**	**STP-06-15**	**STP-07-15**	**STP-08-3**	**STP-09-2**	**STP-10-SP**	**STP-11-2**	**STP-12-7**		
Sample Date:	**6/29/2020**	**6/29/2020**	**6/30/2020**	**6/30/2020**	**6/30/2020**	**6/30/2020**	**6/30/2020**	**6/29/2020**	**6/30/2020**	**6/29/2020**	**6/30/2020**	**6/30/2020**	**6/30/2020**		
Approximate Sample Depth (ft bgs):	**20**	**20**	**11**	**15**	**15**	**10**	**15**	**15**	**3**	**2**	**Stockpile**	**2**	**7**		
Elevation (ft NAVD88):	**216.3**	**216.3**	**221.3**	**223.8**	**228.9**	**227.0**	**224.8**	**234.8**	**241.7**	**252.6**	**242.2**	**241.8**	**242.4**		
Northing (ft WSPN):	**330734.4**	**330734.4**	**330657.2**	**330657.2**	**330657.2**	**330489.2**	**330449.7**	**330428.6**	**330520.7**	**330677.0**	**330646.8**	**330693.9**	**330789.8**		
Easting (ft WSPN):	**1312497.7**	**1312497.7**	**1312448.5**	**1312432.0**	**1312302.9**	**1312263.9**	**1312209.5**	**1311986.9**	**1311805.8**	**1311753.4**	**1311847.9**	**1311900.3**	**1311953.3**		
Total Petroleum Hydrocarbons by Ecology Methods NWTPH-Gx and NWTPH-Dx (without Acid/Silica Gel Cleanup) (mg/kg)															
Gasoline Range Organics (GRO)	15 U	13 U	7.1 U	7.4 U	13 U	8.2 U	7.0 U	6.3 U	7.1 U	7.8 U	7.7 U	8.8 U	7.3 U	--	--
Diesel Range Organics (DRO)	150 U	150 U	390 U	32 U	49 U	32 U	36 U	28 U	31 U	33 U	32 U	170 U	37 U	--	--
Heavy Oil Range Organics (ORO)	**2,000**	**1,600**	**10,000**	63 U	**700**	**430**	**640**	**440**	**83**	**140**	**180**	**3,200**	**720**	--	--
Total Diesel and Heavy Oil Range Organics (DRO+ORO)	**2,000**	**1,600**	**10,000**	63 U	**700**	**430**	**640**	**440**	**83**	**140**	**180**	**3,200**	**720**	--	--
Total Petroleum Hydrocarbons by Ecology Methods NWTPH-Gx and NWTPH-Dx (with Acid/Silica Gel Cleanup) (mg/kg)															
Diesel Range Organics (DRO)	150 U	--	790 U	--	61 U	32 U	170 U	29 U	--	--	--	340 U	150 U	--	--
Heavy Oil Range Organics (ORO)	**1,500**	--	**6,900**	--	**510**	**250**	**520**	**340**	--	--	--	**1,800**	**580**	--	--
Total Diesel and Heavy Oil Range Organics (DRO+ORO)	**1,500**	--	**6,900**	--	**510**	**250**	**520**	**340**	--	--	--	**1,800**	**580**	--	--
Volatile Organic Compounds by EPA Method 8260D (mg/kg)															
1,1,1,2-Tetrachloroethane	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
1,1,1-Trichloroethane	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
1,1,2,2-Tetrachloroethane	0.069 U	0.075 U	0.071 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.068 U	--	--
1,1,2-Trichloroethane	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
1,1-Dichloroethane	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
1,1-Dichloroethylene	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	14	--
1,1-Dichloropropene	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
1,2,3-Trichlorobenzene	0.069 U	0.075 U	0.071 U	0.0013 U	0.0019 U	0.0014 U	**0.0019**	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.068 U	--	--
1,2,3-Trichloropropane	0.069 U	0.075 U	0.071 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.068 U	--	--
1,2,4-Trichlorobenzene	0.069 U	0.075 U	0.071 U	0.0013 U	0.0019 U	0.0014 U	**0.0050**	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.068 U	--	--
1,2,4-Trimethylbenzene	0.069 U	0.075 U	0.071 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.068 U	--	--
1,2-Dibromo-3-Chloropropane	0.34 U	0.37 U	0.35 U	0.0063 U	0.0097 U	0.0068 U	0.0063 U	0.0061 U	0.0059 U	0.0070 U	0.0059 U	0.0064 U	0.34 U	--	--
1,2-Dichlorobenzene	0.069 U	0.075 U	0.071 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.068 U	--	--
1,2-Dichloroethane	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	10	--
1,2-Dichloropropane	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
1,3,5-Trimethylbenzene	0.069 U	0.075 U	0.071 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.068 U	--	--
1,3-Dichlorobenzene	0.069 U	0.075 U	0.071 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.068 U	--	--
1,3-Dichloropropane	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
1,4-Dichlorobenzene	0.069 U	0.075 U	0.071 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.068 U	150	--
2,2-Dichloropropane	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
2-Chloroethyl vinyl ether	0.0080 U	0.0068 U	0.0069 U	0.0063 U	0.0097 U	0.0068 U	0.0063 U	0.0061 U	0.0059 U	0.0070 U	0.0059 U	0.0064 U	0.0065 U	--	--
2-Chlorotoluene	0.069 U	0.075 U	0.071 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.068 U	--	--
2-Hexanone	0.0080 U	0.0068 U	0.0069 U	0.0063 U	0.0097 U	0.0068 U	0.0063 U	0.0061 U	0.0059 U	0.0070 U	0.0059 U	0.0064 U	0.0065 U	--	--
4-Chlorotoluene	0.069 U	0.075 U	0.071 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.068 U	--	--
4-Isopropyltoluene	**0.15**	**0.13**	0.071 U	0.0013 U	**0.0028**	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.068 U	--	--
Acetone	**0.70**	**0.62**	0.014 U	**0.015**	**0.26**	0.014 U	**0.075**	0.012 U	0.012 U	0.014 U	**0.012**	0.013 U	0.013 U	--	--
Benzene	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	10	--
Bromobenzene	0.069 U	0.075 U	0.071 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.068 U	--	--
Bromochloromethane	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
Bromoform	0.0080 U	0.0068 U	0.0069 U	0.0063 U	0.0097 U	0.0068 U	0.0063 U	0.0061 U	0.0059 U	0.0070 U	0.0059 U	0.0064 U	0.0065 U	--	--
Bromomethane	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
Carbon Disulfide	**0.011 J**	**0.022 J**	0.0014 U	**0.0039**	**0.0030**	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
Carbon Tetrachloride	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	10	--
Chlorobenzene	**0.0029**	**0.0026**	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	2,000	--

Table 2

Analytical Results for Supplemental Landfill Material Soil Samples (June 2020)

Go East Corp Landfill Site

Everett, Washington

Location Identification:	STP-01	STP-01	STP-02	STP-03	STP-04	STP-05	STP-06	STP-07	STP-08	STP-09	STP-10	STP-11	STP-12	Threshold for Follow-Up TCLP Analysis (20x Toxicity Characteristic Dangerous Waste Threshold) (a)	Threshold for Management as TSCA PCB Remediation Waste
Sample Identification:	**STP-01-20**	**Dup-1-200629**	**STP-02-11**	**STP-03-15**	**STP-04-15**	**STP-05-10**	**STP-06-15**	**STP-07-15**	**STP-08-3**	**STP-09-2**	**STP-10-SP**	**STP-11-2**	**STP-12-7**		
Sample Date:	**6/29/2020**	**6/29/2020**	**6/30/2020**	**6/30/2020**	**6/30/2020**	**6/30/2020**	**6/30/2020**	**6/29/2020**	**6/30/2020**	**6/29/2020**	**6/30/2020**	**6/30/2020**	**6/30/2020**		
Approximate Sample Depth (ft bgs):	**20**	**20**	**11**	**15**	**15**	**10**	**15**	**15**	**3**	**2**	**Stockpile**	**2**	**7**		
Elevation (ft NAVD88):	**216.3**	**216.3**	**221.3**	**223.8**	**228.9**	**227.0**	**224.8**	**234.8**	**241.7**	**252.6**	**242.2**	**241.8**	**242.4**		
Northing (ft WSPN):	**330734.4**	**330734.4**	**330657.2**	**330657.2**	**330657.2**	**330489.2**	**330449.7**	**330428.6**	**330520.7**	**330677.0**	**330646.8**	**330693.9**	**330789.8**		
Easting (ft WSPN):	**1312497.7**	**1312497.7**	**1312448.5**	**1312432.0**	**1312302.9**	**1312263.9**	**1312209.5**	**1311986.9**	**1311805.8**	**1311753.4**	**1311847.9**	**1311900.3**	**1311953.3**		
Chloroethane	0.0080 U	0.0068 U	0.0069 U	0.0063 U	0.0097 U	0.0068 U	0.0063 U	0.0061 U	0.0059 U	0.0070 U	0.0059 U	0.0064 U	0.0065 U	--	--
Chloroform	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	120	--
Chloromethane	0.010 U	0.0088 U	0.0069 U	0.0063 U	0.0097 U	0.0068 U	0.0063 U	0.0079 U	0.0059 U	0.0091 U	0.0059 U	0.0064 U	0.0065 U	--	--
cis-1,2-Dichloroethylene	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
cis-1,3-Dichloropropene	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
Dibromochloromethane	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
Dibromomethane	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
Dichlorobromomethane	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
Dichlorodifluoromethane	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
Ethylbenzene	0.0016 U	**0.0015**	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
Ethylene dibromide	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
Hexachlorobutadiene	0.34 U	0.37 U	0.35 U	0.0063 U	0.0097 U	0.0068 U	0.0063 U	0.0061 U	0.0059 U	0.0070 U	0.0059 U	0.0064 U	0.34 U	10	--
Isopropylbenzene	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
Methyl ethyl ketone (MEK)	**0.19**	**0.16**	0.0069 U	0.0063 U	**0.069**	0.0068 U	**0.017**	0.0061 U	0.0059 U	0.0070 U	0.0059 U	0.0064 U	0.0065 U	4,000	--
Methyl Iodide	0.0080 U	0.0068 U	0.0069 U	0.0063 U	0.0097 U	0.0068 U	0.0063 U	0.0061 U	0.0059 U	0.0070 U	0.0059 U	0.0064 U	0.0065 U	--	--
Methyl isobutyl ketone	0.0080 U	0.0068 U	0.0069 U	0.0063 U	0.0097 U	0.0068 U	0.0063 U	0.0061 U	0.0059 U	0.0070 U	0.0059 U	0.0064 U	0.0065 U	--	--
Methyl tert-butyl ether	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
Methylene Chloride	0.0080 U	0.0068 U	0.0069 U	0.0063 U	0.0097 U	0.0068 U	0.0063 U	0.0061 U	0.0059 U	0.0070 U	0.0059 U	0.0064 U	0.0065 U	--	--
Naphthalene	0.34 U	0.37 U	0.35 U	0.0063 U	0.0097 U	0.0068 U	0.0063 U	0.0061 U	0.0059 U	0.0070 U	0.0059 U	0.0064 U	0.34 U	--	--
n-Butylbenzene	0.069 U	0.075 U	0.071 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.068 U	--	--
n-Propylbenzene	0.069 U	0.075 U	0.071 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.068 U	--	--
Sec-Butylbenzene	0.069 U	0.075 U	0.071 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.068 U	--	--
Styrene	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
Tert-Butylbenzene	0.069 U	0.075 U	0.071 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.068 U	--	--
Tetrachloroethylene	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	14	--
Toluene	0.0080 U	0.0068 U	0.0069 U	0.0063 U	0.0097 U	0.0068 U	0.0063 U	0.0061 U	0.0059 U	0.0070 U	0.0059 U	0.0064 U	0.0065 U	--	--
m,p-Xylene	0.0032 U	0.0027 U	0.0028 U	0.0025 U	0.0039 U	0.0027 U	0.0025 U	0.0024 U	0.0024 U	0.0028 U	0.0024 U	0.0026 U	0.0026 U	--	--
o-Xylene	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
Total Xylenes	0.0032 U	0.0027 U	0.0028 U	0.0025 U	0.0039 U	0.0027 U	0.0025 U	0.0024 U	0.0024 U	0.0028 U	0.0024 U	0.0026 U	0.0026 U	--	--
trans-1,2-Dichloroethylene	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
trans-1,3-Dichloropropene	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
Trichloroethylene	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	10	--
Trichlorofluoromethane	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	--	--
Vinyl Acetate	0.0080 U	0.0068 U	0.0069 U	0.0063 U	0.0097 U	0.0068 U	0.0063 U	0.0061 U	0.0059 U	0.0070 U	0.0059 U	0.0064 U	0.0065 U	--	--
Vinyl Chloride	0.0016 U	0.0014 U	0.0014 U	0.0013 U	0.0019 U	0.0014 U	0.0013 U	0.0012 U	0.0012 U	0.0014 U	0.0012 U	0.0013 U	0.0013 U	4.0	--
Semivolatile Organic Compounds with Low-Level Polycyclic Aromatic Hydrocarbons by EPA Method 8270E/Selective Ion Monitoring (mg/kg)															
1,2-Dinitrobenzene	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
1,2-Diphenylhydrazine	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
1,3-Dinitrobenzene	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
1,4-Dinitrobenzene	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
2,3,4,6-Tetrachlorophenol	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
2,3,5,6-Tetrachlorophenol	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
2,3-Dichloroaniline	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
2,4,5-Trichlorophenol	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	8,000	--

Table 2

Analytical Results for Supplemental Landfill Material Soil Samples (June 2020)

Go East Corp Landfill Site

Everett, Washington

Location Identification:	STP-01	STP-01	STP-02	STP-03	STP-04	STP-05	STP-06	STP-07	STP-08	STP-09	STP-10	STP-11	STP-12	Threshold for Follow-Up TCLP Analysis (20x Toxicity Characteristic Dangerous Waste Threshold) (a)	Threshold for Management as TSCA PCB Remediation Waste
Sample Identification:	STP-01-20	Dup-1-200629	STP-02-11	STP-03-15	STP-04-15	STP-05-10	STP-06-15	STP-07-15	STP-08-3	STP-09-2	STP-10-SP	STP-11-2	STP-12-7		
Sample Date:	6/29/2020	6/29/2020	6/30/2020	6/30/2020	6/30/2020	6/30/2020	6/30/2020	6/29/2020	6/30/2020	6/29/2020	6/30/2020	6/30/2020	6/30/2020		
Approximate Sample Depth (ft bgs):	20	20	11	15	15	10	15	15	3	2	Stockpile	2	7		
Elevation (ft NAVD88):	216.3	216.3	221.3	223.8	228.9	227.0	224.8	234.8	241.7	252.6	242.2	241.8	242.4		
Northing (ft WSPN):	330734.4	330734.4	330657.2	330657.2	330657.2	330489.2	330449.7	330428.6	330520.7	330677.0	330646.8	330693.9	330789.8		
Easting (ft WSPN):	1312497.7	1312497.7	1312448.5	1312432.0	1312302.9	1312263.9	1312209.5	1311986.9	1311805.8	1311753.4	1311847.9	1311900.3	1311953.3		
2,4,6-Trichlorophenol	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	40	--
2,4-Dichlorophenol	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
2,4-Dimethylphenol	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
2,4-Dinitrophenol	5.1 U	4.1 U	21 U	0.21 U	2.2 U	1.1 U	1.7 U	0.92 U	1.0 U	2.2 U	0.29 U	11 U	4.1 U	--	--
2,4-Dinitrotoluene	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	2.6	--
2,6-Dinitrotoluene	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
2-Chloronaphthalene	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
2-Chlorophenol	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
2-Methylphenol	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	4,000	--
2-Nitroaniline	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
2-Nitrophenol	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
3,3'-Dichlorobenzidine	5.1 U	4.1 U	21 U	0.21 U	2.2 U	1.1 U	1.7 U	0.92 U	1.0 U	2.2 U	0.22 U	11 U	4.1 U	--	--
3+4-Methylphenol	**2.8**	**3.5**	4.2 U	0.042 U	**1.2**	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	4,000	--
3-Nitroaniline	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
4,6-Dinitro-2-Methylphenol	5.1 U	4.1 U	21 U	0.21 U	2.2 U	1.1 U	1.7 U	0.92 U	1.0 U	2.2 U	0.22 U	11 U	4.1 U	--	--
4-Bromophenyl phenyl ether	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
4-Chloro-3-Methylphenol	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
4-Chloroaniline	5.1 U	4.1 U	21 U	0.21 U	2.2 U	1.1 U	1.7 U	0.92 U	1.0 U	2.2 U	0.22 U	11 U	4.1 U	--	--
4-Chlorophenyl phenyl ether	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
4-Nitroaniline	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
4-Nitrophenol	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
Aniline	5.1 U	4.1 U	21 U	0.21 U	2.2 U	1.1 U	1.7 U	0.92 U	1.0 U	2.2 U	0.22 U	11 U	4.1 U	--	--
Benzyl Alcohol	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
Bis(2-Chloroethoxy)Methane	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
Bis(2-Chloroethyl)Ether	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
Bis(2-chloroisopropyl) ether	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
Bis(2-Ethylhexyl) Phthalate	5.1 U	4.1 U	21 U	**0.52**	2.2 U	1.1 U	1.7 U	0.92 U	1.0 U	2.2 U	0.22 U	11 U	4.1 U	--	--
Butyl benzyl Phthalate	5.1 U	4.1 U	21 U	0.21 U	2.2 U	1.1 U	1.7 U	0.92 U	1.0 U	2.2 U	0.22 U	11 U	4.1 U	--	--
Carbazole	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
Di(2-ethylhexyl)adipate	5.1 U	4.1 U	21 U	0.21 U	2.2 U	1.1 U	1.7 U	0.92 U	1.0 U	2.2 U	0.22 U	11 U	4.1 U	--	--
Dibenzofuran	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
Dibutyl Phthalate	5.1 U	4.1 U	21 U	0.21 U	2.2 U	1.1 U	1.7 U	0.92 U	1.0 U	2.2 U	0.22 U	11 U	4.1 U	--	--
Diethyl Phthalate	5.1 U	4.1 U	21 U	0.21 U	2.2 U	1.1 U	1.7 U	0.92 U	1.0 U	2.2 U	0.22 U	11 U	4.1 U	--	--
Dimethyl Phthalate	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
Di-N-Octyl Phthalate	5.1 U	4.1 U	21 U	0.21 U	2.2 U	1.1 U	1.7 U	0.92 U	1.0 U	2.2 U	0.22 U	11 U	4.1 U	--	--
Hexachlorobenzene	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	2.6	--
Hexachlorocyclopentadiene	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
Hexachloroethane	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	60	--
Isophorone	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
Nitrobenzene	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	40	--
N-Nitrosodimethylamine	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
N-Nitrosodi-n-propylamine	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
N-Nitrosodiphenylamine	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
Pentachlorophenol	5.1 U	4.1 U	21 U	0.21 U	2.2 U	1.1 U	1.7 U	0.92 U	1.0 U	2.2 U	0.22 U	11 U	4.1 U	2,000	--

Table 2

Analytical Results for Supplemental Landfill Material Soil Samples (June 2020)

Go East Corp Landfill Site

Everett, Washington

Location Identification:	STP-01	STP-01	STP-02	STP-03	STP-04	STP-05	STP-06	STP-07	STP-08	STP-09	STP-10	STP-11	STP-12	Threshold for Follow-Up TCLP Analysis (20x Toxicity Characteristic Dangerous Waste Threshold) (a)	Threshold for Management as TSCA PCB Remediation Waste
Sample Identification:	STP-01-20	Dup-1-200629	STP-02-11	STP-03-15	STP-04-15	STP-05-10	STP-06-15	STP-07-15	STP-08-3	STP-09-2	STP-10-SP	STP-11-2	STP-12-7		
Sample Date:	6/29/2020	6/29/2020	6/30/2020	6/30/2020	6/30/2020	6/30/2020	6/30/2020	6/29/2020	6/30/2020	6/29/2020	6/30/2020	6/30/2020	6/30/2020		
Approximate Sample Depth (ft bgs):	20	20	11	15	15	10	15	15	3	2	Stockpile	2	7		
Elevation (ft NAVD88):	216.3	216.3	221.3	223.8	228.9	227.0	224.8	234.8	241.7	252.6	242.2	241.8	242.4		
Northing (ft WSPN):	330734.4	330734.4	330657.2	330657.2	330657.2	330489.2	330449.7	330428.6	330520.7	330677.0	330646.8	330693.9	330789.8		
Easting (ft WSPN):	1312497.7	1312497.7	1312448.5	1312432.0	1312302.9	1312263.9	1312209.5	1311986.9	1311805.8	1311753.4	1311847.9	1311900.3	1311953.3		
Phenol	1.0 U	0.81 U	4.2 U	0.042 U	0.44 U	0.21 U	0.33 U	0.18 U	0.21 U	0.44 U	0.043 U	2.3 U	0.82 U	--	--
Pyridine	10 U	8.1 U	42 U	0.42 U	4.4 U	2.1 U	3.3 U	1.8 U	2.1 U	4.4 U	0.43 U	23 U	8.2 U	100	--
1-Methylnaphthalene	**0.092**	**0.081**	0.17 U	0.0017 U	**0.022**	0.0085 U	0.013 U	**0.023**	0.0082 U	0.018 U	0.0086 U	0.090 U	0.033 U	--	--
2-Methylnaphthalene	**0.11**	**0.10**	0.17 U	**0.0028**	**0.052**	**0.011**	**0.024**	**0.069**	0.0082 U	0.018 U	0.0086 U	0.090 U	**0.048**	--	--
Acenaphthene	0.040 U	**0.029**	0.17 U	**0.091**	**0.026**	0.0085 U	**0.044**	**0.012**	0.0082 U	0.018 U	0.0086 U	0.090 U	0.033 U	--	--
Acenaphthylene	0.040 U	**0.029**	**0.26**	0.0017 U	0.018 U	0.0085 U	**0.081**	**0.010**	**0.018**	0.018 U	0.0086 U	0.090 U	0.033 U	--	--
Anthracene	**0.062**	**0.060**	**0.27**	**0.0031**	**0.022**	0.0085 U	**0.053**	**0.010**	**0.029**	0.018 U	0.0086 U	0.090 U	**0.038**	--	--
Benzo(a)anthracene	**0.070**	**0.084**	**0.61**	**0.0063**	**0.029**	0.0085 U	**0.10**	**0.043**	**0.093**	**0.027**	**0.010**	0.090 U	**0.065**	--	--
Benzo(a)pyrene	**0.071**	**0.088**	**1.2**	**0.0072**	**0.033**	**0.015**	**0.19**	**0.047**	**0.097**	**0.036**	**0.013**	**0.10**	**0.079**	--	--
Benzo(b)fluoranthene	**0.090**	**0.089**	**1.5**	**0.0094**	**0.043**	**0.023**	**0.20**	**0.048**	**0.14**	**0.041**	**0.015**	**0.10**	**0.10**	--	--
Benzo(g,h,i)perylene	**0.076**	**0.067**	**1.4**	**0.0087**	**0.036**	**0.023**	**0.20**	**0.035**	**0.058**	**0.028**	**0.010**	**0.11**	**0.086**	--	--
Benzo(j,k)fluoranthene	0.040 U	**0.027**	**0.43**	**0.0024**	0.018 U	0.0085 U	**0.039**	**0.014**	**0.040**	0.018 U	0.0086 U	0.090 U	0.033 U	--	--
Chrysene	**0.16**	**0.14**	**0.78**	**0.011**	**0.054**	**0.014**	**0.15**	**0.054**	**0.099**	**0.038**	**0.014**	**0.11**	**0.093**	--	--
Dibenz(a,h)anthracene	0.040 U	**0.017**	**0.25**	**0.0025**	0.018 U	0.0085 U	**0.039**	**0.0083**	**0.016**	0.018 U	0.0086 U	0.090 U	0.033 U	--	--
Fluoranthene	**0.30**	**0.25**	**0.72**	**0.022**	**0.069**	**0.015**	**0.13**	**0.043**	**0.14**	**0.060**	**0.021**	**0.11**	**0.20**	--	--
Fluorene	**0.066**	**0.064**	0.17 U	**0.024**	**0.031**	0.0085 U	**0.031**	0.0074 U	0.0082 U	0.018 U	0.0086 U	0.090 U	0.033 U	--	--
Indeno(1,2,3-c,d)pyrene	**0.056**	**0.050**	**1.2**	**0.0052**	**0.030**	**0.017**	**0.12**	**0.029**	**0.062**	**0.024**	**0.0093**	0.090 U	**0.062**	--	--
Naphthalene	**0.14**	**0.13**	0.17 U	**0.0046**	**0.092**	**0.014**	**0.073**	**0.028**	**0.012**	**0.022**	**0.0090**	0.090 U	**0.29**	--	--
Phenanthrene	**0.53**	**0.53**	**0.28**	**0.0023**	**0.064**	**0.014**	**0.039**	**0.045**	**0.071**	**0.045**	**0.017**	0.090 U	**0.21**	--	--
Pyrene	**0.32**	**0.27**	**0.88**	**0.030**	**0.088**	**0.016**	**0.19**	**0.086**	**0.15**	**0.067**	**0.029**	**0.13**	**0.15**	--	--
cPAHs (TTEC) (b)	**0.098**	**0.12**	**1.6**	**0.0099**	**0.046**	**0.020**	**0.24**	**0.062**	**0.13**	**0.047**	**0.017**	**0.13**	**0.11**	--	--
Polychlorinated Biphenyls as Aroclors by EPA Method 8082A (mg/kg)															
Aroclor 1016	0.061 U	0.061 U	0.063 U	0.063 U	0.088 U	0.063 U	0.066 U	0.055 U	0.062 U	0.066 U	0.065 U	0.068 U	0.061 U	--	--
Aroclor 1221	0.061 U	0.061 U	0.063 U	0.063 U	0.088 U	0.063 U	0.066 U	0.055 U	0.062 U	0.066 U	0.065 U	0.068 U	0.061 U	--	--
Aroclor 1232	0.061 U	0.061 U	0.063 U	0.063 U	0.088 U	0.063 U	0.066 U	0.055 U	0.062 U	0.066 U	0.065 U	0.068 U	0.061 U	--	--
Aroclor 1242	0.061 U	0.061 U	0.063 U	0.063 U	0.088 U	0.063 U	0.066 U	0.055 U	0.062 U	0.066 U	0.065 U	0.068 U	0.061 U	--	--
Aroclor 1248	0.061 U	0.061 U	0.063 U	0.063 U	0.088 U	0.063 U	0.066 U	0.055 U	0.062 U	0.066 U	0.065 U	0.068 U	0.061 U	--	--
Aroclor 1254	0.061 U	0.061 U	**0.088**	0.063 U	0.088 U	0.063 U	**0.11**	0.055 U	0.062 U	0.066 U	0.065 U	0.068 U	0.061 U	--	--
Aroclor 1260	0.061 U	0.061 U	0.063 U	0.063 U	0.088 U	0.063 U	0.066 U	0.055 U	0.062 U	0.066 U	0.065 U	0.068 U	0.061 U	--	--
Total PCB Aroclors	0.061 U	0.061 U	**0.088**	0.063 U	0.088 U	0.063 U	**0.11**	0.055 U	0.062 U	0.066 U	0.065 U	0.068 U	0.061 U	--	1.0
Organochlorine Pesticides by EPA Method 8081B (mg/kg)															
4,4'-DDD	0.012 U	0.012 U	0.013 U	0.013 U	0.018 U	0.013 U	0.013 U	0.011 U	0.012 U	0.013 U	0.013 U	**0.042**	0.012 U	--	--
4,4'-DDE	**0.059 J**	**0.031 J**	**0.037 J**	0.013 U	**0.029**	0.013 U	0.013 U	0.011 U	0.012 U	0.013 U	0.013 U	**0.092 J**	0.012 U	--	--
4,4'-DDT	0.012 UJ	0.012 UJ	0.013 UJ	0.013 U	0.018 U	0.013 U	0.013 UJ	0.011 UJ	0.012 U	0.013 UJ	0.013 U	**0.21 J**	0.012 UJ	--	--
Aldrin	0.0061 U	0.0061 U	0.0063 UJ	0.0063 U	0.0088 U	0.0063 U	0.0066 U	0.0055 U	0.0062 U	0.0066 U	0.0065 U	0.0068 UJ	0.0061 U	--	--
Alpha-BHC	0.0061 U	0.0061 U	0.0063 UJ	0.0063 U	0.0088 U	0.0063 U	0.0066 U	0.0055 U	0.0062 U	0.0066 U	0.0065 U	0.0068 UJ	0.0061 U	--	--
Beta-BHC	0.0061 U	0.0061 U	0.0063 UJ	0.0063 U	0.0088 U	0.0063 U	0.0066 U	0.0055 U	0.0062 U	0.0066 U	0.0065 U	0.0068 UJ	0.0061 U	--	--
cis-Chlordane	0.012 U	0.012 U	0.013 UJ	0.013 U	0.018 U	0.013 U	0.013 U	0.011 U	0.012 U	0.013 U	0.013 U	0.014 UJ	0.012 U	--	--
trans-Chlordane	0.0061 U	0.0061 U	0.0063 UJ	0.0063 U	0.0088 U	0.0063 U	0.0066 U	**0.010**	0.0062 U	0.0066 U	0.0065 U	0.0068 UJ	0.0061 U	--	--
Chlordane (Total)	0.012 U	0.012 U	0.013 U	0.013 U	0.018 U	0.013 U	0.013 U	**0.010**	0.012 U	0.013 U	0.013 U	0.014 U	0.012 U	0.60	--
Delta-BHC	0.0061 U	0.0061 U	0.0063 UJ	0.0063 U	0.0088 U	0.0063 U	0.0066 U	0.0055 U	0.0062 U	0.0066 U	0.0065 U	0.0068 UJ	0.0061 U	--	--
Dieldrin	0.012 U	0.012 U	0.013 UJ	0.013 U	0.018 U	0.013 U	0.013 U	0.011 U	0.012 U	0.013 U	0.013 U	0.014 UJ	0.012 U	--	--
Endosulfan I	0.0061 U	0.0061 U	0.0063 UJ	0.0063 U	0.0088 U	0.0063 U	0.0066 U	0.0055 U	0.0062 U	0.0066 U	0.0065 U	0.0068 UJ	0.0061 U	--	--
Endosulfan II	0.012 U	0.012 U	0.013 UJ	0.013 U	0.018 U	0.013 U	0.013 U	0.011 U	0.012 U	0.013 U	0.013 U	0.014 UJ	0.012 U	--	--

Table 2

Analytical Results for Supplemental Landfill Material Soil Samples (June 2020)

Go East Corp Landfill Site

Everett, Washington

Location Identification:	STP-01	STP-01	STP-02	STP-03	STP-04	STP-05	STP-06	STP-07	STP-08	STP-09	STP-10	STP-11	STP-12	Threshold for Follow-Up TCLP Analysis (20x Toxicity Characteristic Dangerous Waste Threshold) (a)	Threshold for Management as TSCA PCB Remediation Waste
Sample Identification:	**STP-01-20**	**Dup-1-200629**	**STP-02-11**	**STP-03-15**	**STP-04-15**	**STP-05-10**	**STP-06-15**	**STP-07-15**	**STP-08-3**	**STP-09-2**	**STP-10-SP**	**STP-11-2**	**STP-12-7**		
Sample Date:	**6/29/2020**	**6/29/2020**	**6/30/2020**	**6/30/2020**	**6/30/2020**	**6/30/2020**	**6/30/2020**	**6/29/2020**	**6/30/2020**	**6/29/2020**	**6/30/2020**	**6/30/2020**	**6/30/2020**		
Approximate Sample Depth (ft bgs):	**20**	**20**	**11**	**15**	**15**	**10**	**15**	**15**	**3**	**2**	**Stockpile**	**2**	**7**		
Elevation (ft NAVD88):	**216.3**	**216.3**	**221.3**	**223.8**	**228.9**	**227.0**	**224.8**	**234.8**	**241.7**	**252.6**	**242.2**	**241.8**	**242.4**		
Northing (ft WSPN):	**330734.4**	**330734.4**	**330657.2**	**330657.2**	**330657.2**	**330489.2**	**330449.7**	**330428.6**	**330520.7**	**330677.0**	**330646.8**	**330693.9**	**330789.8**		
Easting (ft WSPN):	**1312497.7**	**1312497.7**	**1312448.5**	**1312432.0**	**1312302.9**	**1312263.9**	**1312209.5**	**1311986.9**	**1311805.8**	**1311753.4**	**1311847.9**	**1311900.3**	**1311953.3**		
Endosulfan Sulfate	0.012 U	0.012 U	0.013 UJ	0.013 U	0.018 U	0.013 U	0.013 U	0.011 U	0.012 U	0.013 U	0.013 U	0.014 UJ	0.012 U	--	--
Endrin	0.0061 U	0.0061 U	0.0063 UJ	0.0063 U	0.0088 U	0.0063 U	0.0066 U	0.0055 U	0.0062 U	0.0066 U	0.0065 U	0.0068 UJ	0.0061 U	0.40	--
Endrin Aldehyde	0.012 U	0.012 U	0.013 UJ	0.013 U	0.018 U	0.013 U	0.013 U	0.011 U	0.012 U	0.013 U	0.013 U	0.014 UJ	0.012 U	--	--
Endrin Ketone	0.012 U	0.012 U	0.013 UJ	0.013 U	0.018 U	0.013 U	0.013 U	0.011 U	0.012 U	0.013 U	0.013 U	0.014 UJ	0.012 U	--	--
Gamma-BHC	0.0061 U	0.0061 U	0.0063 UJ	0.0063 U	0.0088 U	0.0063 U	0.0066 U	0.0055 U	0.0062 U	0.0066 U	0.0065 U	0.0068 UJ	0.0061 U	8.0	--
Heptachlor	0.0061 U	0.0061 U	0.0063 UJ	0.0063 U	0.0088 U	0.0063 U	0.0066 U	0.0055 U	0.0062 U	0.0066 U	0.0065 U	0.0068 UJ	0.0061 U	0.16	--
Heptachlor Epoxide	0.0061 U	0.0061 U	0.0063 UJ	0.0063 U	0.0088 U	0.0063 U	0.0066 U	0.0055 U	0.0062 U	0.0066 U	0.0065 U	0.0068 UJ	0.0061 U	0.16	--
Methoxychlor	0.012 UJ	0.012 UJ	0.013 UJ	0.013 U	0.018 U	0.013 U	0.013 UJ	0.011 UJ	0.012 U	0.013 UJ	0.013 U	0.014 UJ	0.012 UJ	200	--
Toxaphene	0.061 U	0.061 U	0.063 UJ	0.063 U	0.088 U	0.063 U	0.066 U	0.055 U	0.062 U	0.066 U	0.065 U	0.068 UJ	0.061 U	10	--
Chlorinated Acid Herbicides by EPA Method 8151A (mg/kg)															
2,4,5-T	0.012 U	0.012 U	0.012 U	0.012 U	0.017 U	0.012 U	0.013 U	0.010 U	0.012 U	0.013 U	0.012 U	0.013 U	0.012 U	--	--
2,4,5-TP	0.012 U	0.012 U	0.012 U	0.012 U	0.017 U	0.012 U	0.013 U	0.010 U	0.012 U	0.013 U	0.012 U	0.013 U	0.012 U	20	--
2,4-D	0.011 U	0.011 U	0.012 U	0.012 U	0.017 U	0.012 U	0.012 U	0.010 U	0.012 U	0.012 U	0.012 U	0.013 U	0.012 U	200	--
2,4-DB	0.011 U	0.012 U	0.012 U	0.012 U	0.017 U	0.012 U	0.013 U	**0.016 J**	0.012 U	0.013 U	0.012 U	0.013 U	0.012 U	--	--
Dalapon	0.22 U	0.22 U	0.23 U	0.23 U	0.32 U	0.23 U	0.24 U	0.20 U	0.23 U	0.24 U	0.24 U	0.25 U	0.22 U	--	--
Dicamba	0.011 U	0.011 U	0.012 U	0.012 U	0.017 U	0.012 U	0.012 U	0.010 U	0.012 U	0.012 U	0.012 U	0.013 U	0.012 U	--	--
Dichlorprop	0.086 U	0.086 U	0.089 U	0.089 U	0.12 U	0.090 U	0.094 U	0.078 U	0.087 U	0.093 U	0.091 U	0.096 U	0.087 U	--	--
Dinoseb	0.011 U	0.011 U	0.012 U	0.012 U	0.017 U	0.012 U	0.013 U	0.010 U	0.012 U	0.012 U	0.012 U	0.013 U	0.012 U	--	--
MCPA	2.8 U	2.8 U	2.9 U	2.9 U	4.1 U	3.0 U	3.1 U	2.6 U	2.9 U	3.1 U	3.0 U	3.2 U	2.9 U	--	--
MCPP	1.1 U	1.1 U	1.2 U	1.2 U	1.6 U	1.2 U	1.2 U	1.0 U	1.2 U	1.2 U	1.2 U	1.3 U	1.1 U	--	--
Total Metals by EPA Methods 6010D/6020B/7471B (mg/kg)															
Arsenic	**12**	**13**	13 U	13 U	18 U	13 U	13 U	11 U	12 U	13 U	13 U	14 U	12 U	100	--
Cadmium	0.61 U	0.61 U	0.63 U	0.63 U	0.88 U	0.63 U	0.66 U	0.55 U	0.62 U	0.66 U	0.65 U	0.68 U	0.61 U	20	--
Chromium	**23**	**27**	**26**	**23**	**25**	**19**	**37**	**27**	**23**	**24**	**28**	**24**	**17**	100	--
Copper	**65**	**51**	**33**	**11**	**20**	**19**	**23**	**35**	**10**	**15**	**9.8**	**20**	**20**	--	--
Lead	**130**	**130**	**200**	6.3 U	**110**	**130**	**190**	**200**	**68**	**79**	**24**	**120**	**130**	100	--
Mercury	**0.22**	**0.15**	**0.23**	0.031 U	**0.11**	**1.3**	**0.14**	**0.096**	**0.37**	**0.13**	**0.039**	**0.18**	**0.073**	4.0	--
Nickel	**31**	**32**	**31**	**42**	**31**	**27**	**61**	**38**	**31**	**31**	**33**	**31**	**24**	--	--
Selenium	0.76 U	0.76 U	0.79 U	0.79 U	1.1 U	0.79 U	0.83 U	0.69 U	0.77 U	0.83 U	0.81 U	0.84 U	0.76 U	20	--
Zinc	**230**	**320**	**350**	**26**	**140**	**370**	**230**	**160**	**55**	**150**	**40**	**210**	**110**	--	--

Notes:

(a) See https://archive.epa.gov/epawaste/hazard/web/html/faq_tclp.html#Total for rationale for this follow-up TCLP analysis threshold.

(b) Includes benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene.

-- = Not analyzed or not applicable

bgs = Below ground surface

cPAHs = Carcinogenic polycyclic aromatic hydrocarbons

PCB = Polychlorinated biphenyl

TCLP = Toxicity Characteristic Leaching Procedure

TSCA = Toxic Substances Control Act

EPA = U.S. Environmental Protection Agency

mg/kg = Milligrams per kilogram

NAVD88 = North American Vertical Datum of 1988

ft = Feet

J = Estimated value

TTEC = Total toxic equivalent concentration of benzo(a)pyrene calculated per WAC 173-340-708(8)(e)(iii)(A) and using one-half the laboratory reporting limit for non-detected cPAHs.

U = The analyte was not detected; the reported numerical value represents the laboratory reporting limit.

UJ = The analyte was not detected; the reported numerical value represents the estimated laboratory reporting limit.

WSPN = Washington State Plane North

Bold typeface indicates the constituent was detected at the reported concentration.

Blue highlighting indicates the laboratory reporting limit exceeds the threshold for follow-up TCLP analysis.

Yellow highlighting indicates the reported concentration exceeds the threshold for follow-up TCLP analysis.

Table 3

Follow-Up TCLP Analytical Results for Supplemental Landfill Material Soil Samples (June 2020)

Go East Corp Landfill Site

Everett, Washington

Location Identification:	STP-01	STP-02	STP-04	STP-05	STP-06	STP-07	STP-11	STP-12	
Sample Identification:	STP-01-20	STP-02-11	STP-04-15	STP-05-10	STP-06-15	STP-07-15	STP-11-2	STP-12-7	
Sample Date:	6/29/2020	6/30/2020	6/30/2020	6/30/2020	6/30/2020	6/29/2020	6/30/2020	6/30/2020	
Approximate Sample Depth (ft bgs):	20	11	15	10	15	15	2	7	Toxicity Characteristic Dangerous Waste Threshold
Elevation (ft NAVD88):	216.3	221.3	228.9	227.0	224.8	234.8	241.8	242.4	
Northing (ft WSPN):	330734.4	330657.2	330657.2	330489.2	330449.7	330428.6	330693.9	330789.8	
Easting (ft WSPN):	1312497.7	1312448.5	1312302.9	1312263.9	1312209.5	1311986.9	1311900.3	1311953.3	
TCLP Metals by EPA Methods 1311/6010D/7470A (mg/L in TCLP extract)									
Lead	0.20 U	0.20 U	0.20 U	**0.57**	0.20 U	0.20 U	0.20 U	0.20 U	5.0
Mercury	--	--	--	0.0050 U	--	--	--	--	0.2

Notes:

-- = Not analyzed

bgs = Below ground surface

EPA = U.S. Environmental Protection Agency

ft = Feet

mg/L = Milligrams per liter

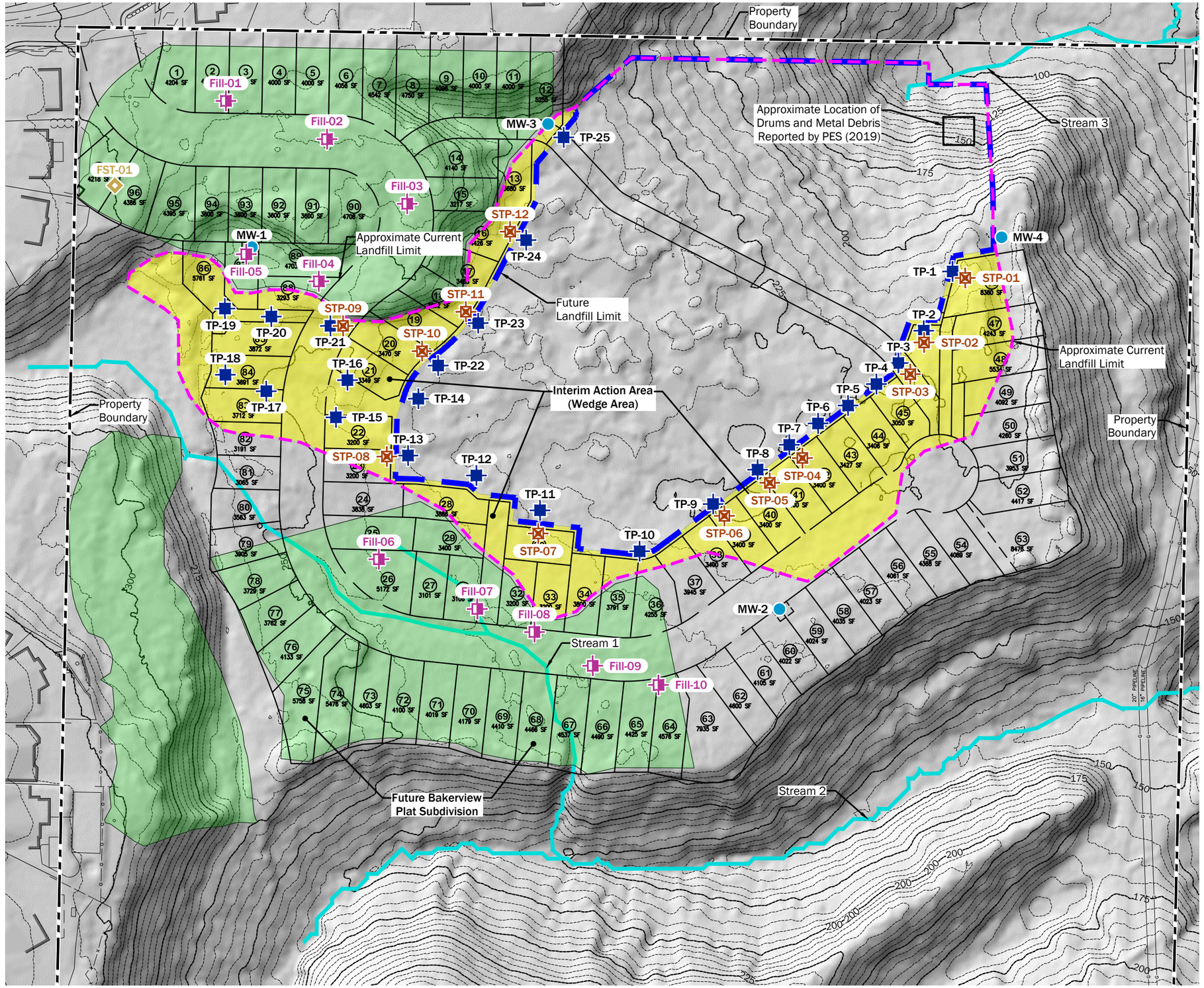
NAVD88 = North American Vertical Datum of 1988

TCLP = Toxicity Characteristic Leaching Procedure

U = The analyte was not detected; the reported numerical value represents the laboratory reporting limit.

WSPN = Washington State Plane North

Bold typeface indicates the constituent was detected at the reported concentration.



Legend

- Property Boundary
- Interim Action Area (Wedge Area)
- Approximate Current Landfill Limit
- Future Landfill Limit
- TP-1 — Test Pit - Soil Sample(s) Collected (Terra Associates, June 2019)
- STP-01 — Test Pit - Supplemental Landfill Material Sampling Location
- Fill-01 — Test Pit - On-Site Fill Source Sampling Location
- FST-01 — Former Storage Tank Area Sampling Location
- MW-1 — Groundwater Monitoring Well (AESI, 2009)
- On-Site Source Area for Structural Fill

Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source: Property boundary survey from PACE Engineers, dated 1/27/2020. Lidar image and elevation contours from Puget Sound Lidar Consortium dated 2013.

Projection: HPGN (HARN) Washington State Planes, North Zone, US Foot

N W E S

120 0 120
Feet

Soil Sampling Locations - On-Site Fill Source, Former Storage Tank Area, and Supplemental Landfill Material Samples

Go East Corp Landfill Site
Everett, Washington

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Figure 1

\\geoengineers.com\WAN Projects\6\6694002\CAD\03\Interim Action Work Plan\669400203_F01_Soil Sampling Locations.dwg TAB:F01 Date Exported: 07/22/20 - 15:33 by mwoods

ATTACHMENT A
Test Pit Logs

SOIL CLASSIFICATION CHART

MAJOR DIVISIONS			SYMBOLS GRAPH	SYMBOLS LETTER	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES
				GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES
	MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
MORE THAN 50% RETAINED ON NO. 200 SIEVE	SAND AND SANDY SOILS	CLEAN SANDS (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS
				SP	POORLY-GRADED SANDS, GRAVELLY SAND
	MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND - SILT MIXTURES
				SC	CLAYEY SANDS, SAND - CLAY MIXTURES
FINE GRAINED SOILS	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS, ROCK FLOUR, CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
MORE THAN 50% PASSING NO. 200 SIEVE	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY
				OH	ORGANIC CLAYS AND SILTS OF MEDIUM TO HIGH PLASTICITY
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

NOTE: Multiple symbols are used to indicate borderline or dual soil classifications

ADDITIONAL MATERIAL SYMBOLS

SYMBOLS GRAPH	SYMBOLS LETTER	TYPICAL DESCRIPTIONS
	AC	Asphalt Concrete
	CC	Cement Concrete
	CR	Crushed Rock/ Quarry Spalls
	SOD	Sod/Forest Duff
	TS	Topsoil

Groundwater Contact

Measured groundwater level in exploration, well, or piezometer

Measured free product in well or piezometer

Graphic Log Contact

Distinct contact between soil strata

Approximate contact between soil strata

Material Description Contact

Contact between geologic units

Contact between soil of the same geologic unit

Sampler Symbol Descriptions

2.4-inch I.D. split barrel

Standard Penetration Test (SPT)

Shelby tube

Piston

Direct-Push

Bulk or grab

Continuous Coring

Blowcount is recorded for driven samplers as the number of blows required to advance sampler 12 inches (or distance noted). See exploration log for hammer weight and drop.

"P" indicates sampler pushed using the weight of the drill rig.

"WOH" indicates sampler pushed using the weight of the hammer.

Laboratory / Field Tests

%F	Percent fines
%G	Percent gravel
AL	Atterberg limits
CA	Chemical analysis
CP	Laboratory compaction test
CS	Consolidation test
DD	Dry density
DS	Direct shear
HA	Hydrometer analysis
MC	Moisture content
MD	Moisture content and dry density
Mohs	Mohs hardness scale
OC	Organic content
PM	Permeability or hydraulic conductivity
PI	Plasticity index
PL	Point lead test
PP	Pocket penetrometer
SA	Sieve analysis
TX	Triaxial compression
UC	Unconfined compression
VS	Vane shear

Sheen Classification

NS	No Visible Sheen
SS	Slight Sheen
MS	Moderate Sheen
HS	Heavy Sheen

NOTE: The reader must refer to the discussion in the report text and the logs of explorations for a proper understanding of subsurface conditions. Descriptions on the logs apply only at the specific exploration locations and at the time the explorations were made; they are not warranted to be representative of subsurface conditions at other locations or times.

Key to Exploration Logs

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Figure A-1

Date Excavated	6/29/2020	Total Depth (ft)	3	Logged By / Checked By	JCD / RL
Excavator / Equipment	Glacier Environmental / CAT 320				
Surface Elevation (ft) / Vertical Datum	292.4 / NAVD88	Easting (X) / Northing (Y)	1311613.2 / 330946.2	Coordinate System / Horizontal Datum	WA State Plane North (US Feet)

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
292	0								
291	1				SW-SM	Brown to tan fine to coarse sand with fine gravel and silt (moist)	NS	0.0	H2S=0 ppm CO=0 ppm LEL = 0% 02 = 20.9% Sample collected at 10:20
290	2								
	3		Fill-01-3						

Completed at 3 feet depth in native soil (advance outwash)
Groundwater not observed
Caving not observed

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit Fill-01

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-2
Sheet 1 of 1

Date Excavated	6/29/2020	Total Depth (ft)	3	Logged By / Checked By	JCD / RL
Excavator / Equipment	Glacier Environmental / CAT 320				
Surface Elevation (ft) / Vertical Datum	290.5 / NAVD88	Easting (X) / Northing (Y)	1311734.2 / 330900.5	Coordinate System / Horizontal Datum	WA State Plane North (US Feet)

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name / Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
290	0				SP-SM	Brown to tan fine to medium sand with silt (moist)	NS	0.0	H2S=0 ppm CO=0 ppm LEL = 0% 02 = 20.9% Sample collected at 10:07
289	1								
288	2								
	3		Fill-02-3						

Completed at 3 feet depth in native soil (advance outwash)
Groundwater not observed
Caving not observed

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit Fill-02

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-3
Sheet 1 of 1

Date Excavated	6/29/2020	Total Depth (ft)	3	Logged By / Checked By	JCD / RL
Excavator / Equipment	Glacier Environmental / CAT 320				
Surface Elevation (ft) / Vertical Datum	283.3 / NAVD88	Easting (X) / Northing (Y)	1311830.1 / 330823.2	Coordinate System / Horizontal Datum	WA State Plane North (US Feet)

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
283									
282	1				SP-SM	Brown to tan fine to medium sand with silt (moist) Brick fragments at ground surface			
281	2						NS	0.0	H2S=0 ppm CO=0 ppm LEL = 0% 02 = 20.9%
	3		Fill-03-3						Sample collected at 10:00
						Completed at 3 feet depth in native soil (advance outwash) Groundwater not observed Caving not observed			

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit Fill-03

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-4
Sheet 1 of 1

Date Excavated 6/29/2020	Total Depth (ft) 3	Logged By JCD Checked By RL	Excavator Glacier Environmental Equipment CAT 320	
Surface Elevation (ft) 265.1 Vertical Datum NAVD88		Easting (X) 1311724.4 Northing (Y) 330730.3		Coordinate System WA State Plane North (US Feet) Horizontal Datum

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
265									
264	1				SP-SM	Brown to tan fine to medium sand with silt (moist)	NS	0.0	H2S=0 ppm CO=0 ppm LEL = 0% 02 = 20.9% Sample collected at 11:10
263	2								
	3		Fill-04-3						

Completed at 3 feet depth in native soil (advance outwash)
Groundwater not observed
Caving not observed

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit Fill-04

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-5
Sheet 1 of 1

Date Excavated	6/29/2020	Total Depth (ft)	3	Logged By / Checked By	JCD / RL
Excavator / Equipment	Glacier Environmental / CAT 320				
Surface Elevation (ft) / Vertical Datum	260.1 / NAVD88	Easting (X) / Northing (Y)	1311637.6 / 330762.8	Coordinate System / Horizontal Datum	WA State Plane North (US Feet)

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name / Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
260	0								
259	1				SP-SM	Brown to tan fine to medium sand with silt (moist)	NS		No PID/4-gas measurements (gas meter indicates low battery condition)
258	2								
	3		Fill-05-3						Sample collected at 11:20

Completed at 3 feet depth in native soil (advance outwash)
Groundwater not observed
Caving not observed

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit Fill-05

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-6
Sheet 1 of 1

Date Excavated	6/29/2020	Total Depth (ft)	3	Logged By / Checked By	JCD / RL
Excavator / Equipment	Glacier Environmental / CAT 320				
Surface Elevation (ft) / Vertical Datum	243.9 / NAVD88	Easting (X) / Northing (Y)	1311796.2 / 330397.8	Coordinate System / Horizontal Datum	WA State Plane North (US Feet)

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
243	1				SP-SM	Gray fine to medium sand with silt (moist)	NS		No PID/4-gas measurements (gas meter indicates low battery condition)
242	2								
241	3		Fill-06-3						Sample collected at 11:40

Completed at 3 feet depth in native soil (advance outwash)
Groundwater not observed
Caving not observed

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit Fill-06

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-7
Sheet 1 of 1

Date Excavated	6/29/2020	Total Depth (ft)	1	Logged By JCD Checked By RL	Excavator Equipment Hand Tools (Spade)

Surface Elevation (ft) Vertical Datum	239.9 NAVD88	Easting (X) Northing (Y)	1311914.0 330338.3	Coordinate System Horizontal Datum	WA State Plane North (US Feet)

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name / Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
239	1		Fill-07-1		SP	Brown to gray fine to medium sand (moist)	NS	0.0	Sample collected at 14:00

Completed at 1 foot depth in native soil (advance outwash)
H2S=0 ppm
CO=0 ppm
LEL = 0%
02 = 20.9%
Groundwater not observed
Caving not observed

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit Fill-07

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-8
Sheet 1 of 1

Date Excavated	6/29/2020	Total Depth (ft)	3	Logged By / Checked By	JCD / RL
Excavator / Equipment	Glacier Environmental / CAT 320				
Surface Elevation (ft) / Vertical Datum	237.4 / NAVD88	Easting (X) / Northing (Y)	1311982.3 / 330310.7	Coordinate System / Horizontal Datum	WA State Plane North (US Feet)

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name / Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
237	0				SP-SM	Gray fine to medium sand with silt (moist)	NS		No PID/4-gas measurements (gas meter indicates low battery condition)
236	1								
235	2		Fill-08-3						Sample collected at 11:55
	3								

Completed at 3 feet depth in native soil (advance outwash)
Slight groundwater seepage at 3 feet
Caving not observed

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit Fill-08

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-9
Sheet 1 of 1

Date Excavated	6/29/2020	Total Depth (ft)	3	Logged By JCD Checked By RL	Excavator Glacier Environmental Equipment CAT 320
Surface Elevation (ft) Vertical Datum	238.5 NAVD88	Easting (X) Northing (Y)	1312052.1 330270.3	Coordinate System Horizontal Datum	WA State Plane North (US Feet)

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name / Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
238					SP-SM	Gray to tan fine to medium sand with silt (moist)			
	1						NS		No PID/4-gas measurements (gas meter indicates low battery condition)
237									
	2								
236			Fill-09-3						Sample collected at 12:05
	3								

Completed at 3 feet depth in native soil (advance outwash)
Slight groundwater seepage at 3 feet
Caving not observed

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit Fill-09

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-10
Sheet 1 of 1

Date Excavated	6/29/2020	Total Depth (ft)	3	Logged By JCD Checked By RL	Excavator Glacier Environmental Equipment CAT 320
Surface Elevation (ft) Vertical Datum	235.6 NAVD88	Easting (X) Northing (Y)	1312130.7 330247.4	Coordinate System Horizontal Datum	WA State Plane North (US Feet)

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
235	0				SP-SM	Brown to gray fine to medium sand with silt (moist)	NS		No PID/4-gas measurements (gas meter indicates low battery condition)
234	1								
233	2		Fill-10-3						Sample collected at 12:15
	3								

Completed at 3 feet depth in native soil (advance outwash)
Groundwater not observed
Caving not observed

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit Fill-10

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-11
Sheet 1 of 1

Date Excavated	6/29/2020	Total Depth (ft)	20	Logged By JCD Checked By RL	Excavator Glacier Environmental Equipment CAT 320
Surface Elevation (ft) Vertical Datum	216.3 NAVD88	Easting (X) Northing (Y)	1312497.7 330734.4	Coordinate System Horizontal Datum	WA State Plane North (US Feet)

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
216	0				SW-SM	Black fine to coarse sand with silt and wood (non-dimensional), metal, plastic, brick, roofing tar, dry wall, creosote-treated wood			Slight to moderate H2S odor
215	1								
214	2								
213	3								
212	4						SS	0.0	
211	5								
210	6						SS	0.0	
209	7								
208	8								
207	9						NS	0.0	
206	10					Large wood debris at approximately 10 feet - difficult to excavate			H2S=0 ppm CO=0 ppm LEL = 0% 02 = 20.9%
205	11								
204	12					Concrete debris at 12 feet	SS	0.0	
203	13								
202	14								
201	15								
200	16						SS	0.0	
199	17								
198	18						SS	0.0	
197	19								
	20		STP-01-20				SS	0.0	Sample STP-01-20 collected at 09:20; sample Dup-1-200629 collected
						Completed at 20 feet depth in landfill debris Groundwater not observed Caving not observed			

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit STP-01

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-12
Sheet 1 of 1

Date Excavated	6/30/2020	Total Depth (ft)	15	Logged By JCD Checked By RL	Excavator Glacier Environmental Equipment CAT 320
Surface Elevation (ft) Vertical Datum	221.3 NAVD88	Easting (X) Northing (Y)	1312448.5 330657.2	Coordinate System Horizontal Datum	WA State Plane North (US Feet)

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
221	0				SW-SM	Dark brown to black fine to coarse sand with silt (moist), with brick, concrete, vinyl flooring material, metal, glass, wire, plastic, roofing material			
220	1								
219	2								
218	3								Slight H2S odor
217	4						NS	0.0	
216	5								
215	6								
214	7								H2S=0 ppm CO=0 ppm LEL = 0% 02 = 20.9%
213	8						SS	0.0	
212	9								
211	10								
210	11		STP-02-11				SS	1.0	Sample collected at 10:35
209	12								
208	13								
207	14								
	15						SS	0.0	

Completed at 15 feet depth in landfill debris
Groundwater not observed
Caving not observed

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit STP-02

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-13
Sheet 1 of 1

Date Excavated	6/30/2020	Total Depth (ft)	15	Logged By JCD Checked By RL	Excavator Glacier Environmental Equipment CAT 320
Surface Elevation (ft) Vertical Datum	223.8 NAVD88	Easting (X) Northing (Y)	1312432.0 330619.2	Coordinate System Horizontal Datum	WA State Plane North (US Feet)

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
223	0				SW-SM	Dark brown to black fine to coarse sand with silt (moist), with concrete, metal, glass, plastic, wood (non-dimensional), roofing material			Slight H2S odor
222	1								
221	2								
220	3								
219	4						NS	0.0	
218	5								
217	6								
216	7					Increasing wood debris (non-dimensional)			H2S=0 ppm CO=0 ppm LEL = 0% 02 = 20.9%
215	8					Wood (dimensional)			
214	9								
213	10								
212	11						SS	0.0	
211	12								
210	13					Dark brown to black and gray soil	SS	0.0	
209	14								
	15		STP-03-15				SS	0.0	Sample collected at 11:15

Completed at 15 feet depth in landfill debris
Groundwater not observed
Caving not observed

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit STP-03

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-14
Sheet 1 of 1

Date Excavated	6/30/2020	Total Depth (ft)	15	Logged By / Checked By	JCD / RL
Excavator / Equipment	Glacier Environmental / CAT 320				
Surface Elevation (ft) / Vertical Datum	228.9 / NAVD88	Easting (X) / Northing (Y)	1312302.9 / 330518.9	Coordinate System / Horizontal Datum	WA State Plane North (US Feet)

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
228	1				SW-SM	Dark brown fine to coarse sand with silt (moist), with wood (non-dimensional and dimensional), concrete, ceramic, glass, metal, wire			Slight to moderate H2S odor
227	2								
226	3								
225	4						NS	0.0	
224	5								
223	6								
222	7								H2S=0 ppm CO=0 ppm LEL = 0% 02 = 20.9%
221	8					Large wood debris (non-dimensional)			
220	9								
219	10								
218	11						SS	0.0	
217	12								
216	13								
215	14								
214	15		STP-04-15				SS	1.0	Sample collected at 11:45

Completed at 15 feet depth in landfill debris
Groundwater not observed
Caving not observed

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit STP-04

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-15
Sheet 1 of 1

Date Excavated	6/30/2020	Total Depth (ft)	15	Logged By JCD Checked By RL	Excavator Glacier Environmental Equipment CAT 320
Surface Elevation (ft) Vertical Datum	227.0 NAVD88	Easting (X) Northing (Y)	1312263.9 330489.2	Coordinate System Horizontal Datum	WA State Plane North (US Feet)

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
226	1				SW-SM	Dark brown fine to coarse sand with silt (moist), with concrete, metal, glass, wood (non-dimensional and dimensional), plastic, wire			Slight to moderate H2S odor
225	2								
224	3								
223	4						SS	0.0	
222	5								
221	6								
220	7						SS	0.0	H2S=0 ppm CO=0 ppm LEL = 0% 02 = 20.9%
219	8								
218	9								
217	10		STP-05-10			Dark brown to black soil	SS	0.0	Sample collected at 12:40
216	11								
215	12								
214	13								
213	14								
212	15						NS	0.0	

Completed at 15 feet depth in landfill debris
Groundwater not observed
Caving not observed

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit STP-05

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-16
Sheet 1 of 1

Date Excavated	6/30/2020	Total Depth (ft)	15	Logged By JCD Checked By RL	Excavator Glacier Environmental Equipment CAT 320
Surface Elevation (ft) Vertical Datum	224.8 NAVD88	Easting (X) Northing (Y)	1312209.5 330449.7	Coordinate System Horizontal Datum	WA State Plane North (US Feet)

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
224	0				SW-SM	Dark brown to black fine to coarse sand with silt (moist), with glass, wood, metal			Slight H2S odor
223	2								
222	3								
221	4						NS	0.0	
220	5						NS	0.0	
219	6								
218	7					Increasing wood debris (dimensional)			H2S=0 ppm CO=0 ppm LEL = 0% 02 = 20.9%
217	8								
216	9								
215	10						NS	0.0	
214	11								
213	12								
212	13								
211	14								
210	15		STP-06-15				SS	0.0	Sample collected at 13:15

Completed at 15 feet depth in landfill debris
Groundwater not observed
Caving not observed

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit STP-06

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-17
Sheet 1 of 1

Date Excavated	6/29/2020	Total Depth (ft)	15	Logged By JCD Checked By RL	Excavator Glacier Environmental Equipment CAT 320
Surface Elevation (ft) Vertical Datum	234.8 NAVD88	Easting (X) Northing (Y)	1311986.9 330428.6	Coordinate System Horizontal Datum	WA State Plane North (US Feet)

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
234	0				SP-SM	Dark brown fine to medium sand with coarse sand and gravel (moist), with wood (dimensional), metal, drywall-type material, carpet			Slight H2S odor
233	1								
232	2								
231	3								
230	4						NS	0.0	
229	5								
228	6						NS	0.0	
227	7								H2S=0 ppm CO=0 ppm LEL = 0% 02 = 20.9%
226	8						NS	0.0	
225	9								
224	10								
223	11								
222	12						NS	0.0	
221	13								
220	14								
	15		STP-07-15				SS	0.0	Sample collected at 12:50

Completed at 15 feet depth in landfill debris
Groundwater not observed
Caving not observed

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit STP-07

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-18
Sheet 1 of 1

Date Excavated	6/30/2020	Total Depth (ft)	4.5	Logged By / Checked By	JCD / RL
Excavator / Equipment	Glacier Environmental / CAT 320				
Surface Elevation (ft) / Vertical Datum	241.7 / NAVD88	Easting (X) / Northing (Y)	1311805.8 / 330520.7	Coordinate System / Horizontal Datum	WA State Plane North (US Feet)

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
241	1				SW-SM	Dark brown fine to coarse sand with silt (moist), with some wood (non-dimensional) and metal debris			H2S=0 ppm CO=0 ppm LEL = 0% 02 = 20.9%
240	2								
239	3		STP-08-3				NS	0.0	Sample collected at 13:40
238	4				SP-SM	Brown to tan fine to medium sand with silt (moist)			

Completed at 4½ feet depth in native soil (advance outwash)
Slight groundwater seepage observed at approximately 4 feet
Caving not observed

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit STP-08

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-19
Sheet 1 of 1

Date Excavated	6/29/2020	Total Depth (ft)	6	Logged By JCD Checked By RL	Excavator Glacier Environmental Equipment CAT 320
Surface Elevation (ft) Vertical Datum	252.6 NAVD88	Easting (X) Northing (Y)	1311753.4 330677	Coordinate System Horizontal Datum	WA State Plane North (US Feet)

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
252	0				SM	Brown to black silty fine to coarse sand (moist), with roots, glass, and plastic debris	NS	0.0	Sample collected at 13:20 H2S=0 ppm CO=0 ppm LEL = 0% 02 = 20.9%
251	1								
250	2		STP-09-2						
249	3								
248	4				SP-SM	Brown to tan fine to medium sand with silt (moist)			
247	5								
	6								

Completed at 6 feet depth in native soil (advance outwash)
Groundwater not observed
Caving not observed

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit STP-09

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-20
Sheet 1 of 1

Date Excavated	6/30/2020	Total Depth (ft)	15	Logged By / Checked By	JCD / RL
Excavator / Equipment	Glacier Environmental / CAT 320				
Surface Elevation (ft) / Vertical Datum	242.2 / NAVD88	Easting (X) / Northing (Y)	1311847.9 / 330646.8	Coordinate System / Horizontal Datum	WA State Plane North (US Feet)

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
242	0				SP-SM	Gray fine to medium sand with coarse sand and silt (moist), with some brick and metal debris, concrete			Slight H2S odor
241	1								
240	2								
239	3					Wood debris (non-dimensional); soil color changes to dark brown			
238	4						NS	0.0	
237	5					Metal, plastic, wood (non-dimensional), glass, wire			
236	6								
235	7						NS	0.0	H2S=0 ppm CO=0 ppm LEL = 0% 02 = 20.9%
234	8					Large concrete debris			
233	9						NS	0.0	
232	10								
231	11								
230	12								
229	13								
228	14								
	15		STP-10-SP				NS	0.0	Stockpile sample collected at 09:50

Completed at 15 feet depth in landfill debris
Groundwater not observed
Caving not observed

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit STP-10

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-21
Sheet 1 of 1

Date Excavated	6/30/2020	Total Depth (ft)	5	Logged By JCD Checked By RL	Excavator Glacier Environmental Equipment CAT 320
Surface Elevation (ft) Vertical Datum	241.8 NAVD88	Easting (X) Northing (Y)	1311900.3 330693.9	Coordinate System Horizontal Datum	WA State Plane North (US Feet)

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
241	1				SW-SM	Dark brown to black fine to coarse sand with silt (moist), with glass, wood, metal debris			H2S=0 ppm CO=0 ppm LEL = 0% 02 = 20.9% Sample collected at 09:08
240	2		STP-11-2				NS	0.0	
239	3				SP-SM	Brown to tan fine to medium sand with silt, coarse sand and fine gravel (moist)			
238	4						NS	0.0	
237	5					Completed at 5 feet depth in native soil (advance outwash) Slight groundwater seepage at 4 feet Caving not observed			

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit STP-11

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-22
Sheet 1 of 1

Date Excavated	6/30/2020	Total Depth (ft)	15	Logged By / Checked By	JCD / RL
Excavator / Equipment	Glacier Environmental / CAT 320				
Surface Elevation (ft) / Vertical Datum	242.4 / NAVD88	Easting (X) / Northing (Y)	1311953.2 / 330789.8	Coordinate System / Horizontal Datum	WA State Plane North (US Feet)

Elevation (feet)	Depth (feet)	SAMPLE: Testing Sample	SAMPLE: Sample Name Testing	Graphic Log	Group Classification	MATERIAL DESCRIPTION	Sheen	Headspace Vapor (ppm)	Notes
242	0				SW-SM	Dark brown to black fine to coarse sand with silt (moist), with roofing material, metal, glass, plastic, wood debris (non-dimensional), wire			H2S odor
241	1								
240	2								
239	3								
238	4						NS	0.0	
237	5								H2S=0 ppm CO=0 ppm LEL = 0% 02 = 20.9%
236	6								
235	7		STP-12-7				SS	1.0	Sample collected at 08:50
234	8								
233	9								
232	10								
231	11						NS	0.0	
230	12								
229	13								
228	14								
	15						NS	0.0	

Completed at 15 feet depth in landfill debris
Groundwater not observed
Caving not observed

Notes: See Figure A-1 for explanation of symbols.
The depths on the test pit logs are based on an average of measurements across the test pit and should be considered accurate to ½ foot.
Coordinates Data Source: Land survey conducted by PACE Engineers on 6/25/20 and 7/1/20.

Log of Test Pit STP-12

GeoEngineers

Project: Go East Landfill
Project Location: Snohomish County, Washington
Project Number: 6694-002-03

Figure A-23
Sheet 1 of 1

ATTACHMENT B
Laboratory Analytical Reports

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

July 13, 2020

Rob Leet
GeoEngineers, Inc.
2101 4th Avenue, Suite 950
Seattle, WA 98121

Re: Analytical Data for Project 6694-002-03
Laboratory Reference No. 2006-338

Dear Rob:

Enclosed are the analytical results and associated quality control data for samples submitted on June 30, 2020.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

Case Narrative

Samples were collected on June 29, 2020 and received by the laboratory on June 30, 2020. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Organochlorine Pesticides by EPA 8081B Analysis

Negative effects of the matrix from the samples STP-01-20, STP-07-15, STP-09-2, and Dup-1-200629 on the instrument caused values for 4,4'-DDT and Methoxychlor in the continuing calibration verification standards (CCVs) to be low. Because of this, quantitation limits and sample concentrations can be higher than reported.

Below is a table containing the results and PQLs of the affected samples. Please note that the "% Low in CCV percentage is the multiplier which theoretically would apply to the sample results as well as the PQLs. For example, a sample with a PQL of 11 and a %Low in CVV number of 39% could be considered to have a more realistic PQL of 18 using the formula NEW VALUE = OLD VALUE/(100-Percent Low), which in this case would be 11 / (100 - 39) = 18.

Analyte	Result	PQL	%Low in CCV
Client ID:	**STP-01-20**		
4,4'-DDT	**ND**	12	39%
Methoxychlor	**ND**	12	31%
Client ID:	**STP-07-15**		
4,4'-DDT	**ND**	11	39%
Methoxychlor	**ND**	11	31%
Client ID:	**STP-09-2**		
4,4'-DDT	**ND**	13	39%
Methoxychlor	**ND**	13	31%
Client ID:	**Dup-1-200629**		
4,4'-DDT	**ND**	12	39%
Methoxychlor	**ND**	12	31%

Chlorinated Acid Herbicides EPA 8151A Analysis

Sample Fill-06-3 was used as the MS/MSD pair. The RPD values for Dalapon was above its quality control limits between the MS and MSD. All percent recovery values were within quality control limits and no further action was performed.

Please note that any other QA/QC issues associated with these extractions and analyses will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
STP-01-20	06-338-01	Soil	6-29-20	6-30-20	
Fill-03-3	06-338-02	Soil	6-29-20	6-30-20	
Fill-02-3	06-338-03	Soil	6-29-20	6-30-20	
Fill-01-3	06-338-04	Soil	6-29-20	6-30-20	
Fill-04-3	06-338-05	Soil	6-29-20	6-30-20	
Fill-05-3	06-338-06	Soil	6-29-20	6-30-20	
Fill-06-3	06-338-07	Soil	6-29-20	6-30-20	
Fill-08-3	06-338-08	Soil	6-29-20	6-30-20	
Fill-09-3	06-338-09	Soil	6-29-20	6-30-20	
Fill-10-3	06-338-10	Soil	6-29-20	6-30-20	
STP-07-15	06-338-11	Soil	6-29-20	6-30-20	
STP-09-2	06-338-12	Soil	6-29-20	6-30-20	
FST-01-1	06-338-13	Soil	6-29-20	6-30-20	
Fill-07-1	06-338-14	Soil	6-29-20	6-30-20	
Dup-1-200629	06-338-15	Soil	6-29-20	6-30-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-01-20**					
Laboratory ID:	06-338-01					
Gasoline	**ND**	15	NWTPH-Gx	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*93*	*58-129*				
Client ID:	**Fill-03-3**					
Laboratory ID:	06-338-02					
Gasoline	**ND**	6.3	NWTPH-Gx	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*91*	*58-129*				
Client ID:	**Fill-06-3**					
Laboratory ID:	06-338-07					
Gasoline	**ND**	6.9	NWTPH-Gx	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*91*	*58-129*				
Client ID:	**Fill-09-3**					
Laboratory ID:	06-338-09					
Gasoline	**ND**	6.7	NWTPH-Gx	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*92*	*58-129*				
Client ID:	**STP-07-15**					
Laboratory ID:	06-338-11					
Gasoline	**ND**	6.3	NWTPH-Gx	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*93*	*58-129*				
Client ID:	**STP-09-2**					
Laboratory ID:	06-338-12					
Gasoline	**ND**	7.8	NWTPH-Gx	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*90*	*58-129*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

GASOLINE RANGE ORGANICS/BTEX
NWTPH-Gx/EPA 8021B

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FST-01-1**					
Laboratory ID:	06-338-13					
Benzene	**ND**	0.020	EPA 8021B	7-1-20	7-1-20	
Toluene	**ND**	0.058	EPA 8021B	7-1-20	7-1-20	
Ethyl Benzene	**ND**	0.058	EPA 8021B	7-1-20	7-1-20	
m,p-Xylene	**ND**	0.058	EPA 8021B	7-1-20	7-1-20	
o-Xylene	**ND**	0.058	EPA 8021B	7-1-20	7-1-20	
Gasoline	**ND**	5.8	NWTPH-Gx	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*91*	*58-129*				
Client ID:	**Dup-1-200629**					
Laboratory ID:	06-338-15					
Gasoline	**ND**	13	NWTPH-Gx	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*98*	*58-129*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-01-20**					
Laboratory ID:	06-338-01					
Diesel Range Organics	**ND**	150	NWTPH-Dx	7-1-20	7-1-20	
Lube Oil	**2000**	300	NWTPH-Dx	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*89*	*50-150*				
Client ID:	**Fill-03-3**					
Laboratory ID:	06-338-02					
Diesel Range Organics	**ND**	27	NWTPH-Dx	7-1-20	7-1-20	
Lube Oil Range Organics	**ND**	54	NWTPH-Dx	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*88*	*50-150*				
Client ID:	**Fill-06-3**					
Laboratory ID:	06-338-07					
Diesel Range Organics	**ND**	30	NWTPH-Dx	7-1-20	7-1-20	
Lube Oil Range Organics	**ND**	60	NWTPH-Dx	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*86*	*50-150*				
Client ID:	**Fill-09-3**					
Laboratory ID:	06-338-09					
Diesel Range Organics	**ND**	29	NWTPH-Dx	7-1-20	7-1-20	
Lube Oil Range Organics	**ND**	57	NWTPH-Dx	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*91*	*50-150*				
Client ID:	**STP-07-15**					
Laboratory ID:	06-338-11					
Diesel Range Organics	**ND**	28	NWTPH-Dx	7-1-20	7-1-20	
Lube Oil	**440**	55	NWTPH-Dx	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*76*	*50-150*				
Client ID:	**STP-09-2**					
Laboratory ID:	06-338-12					
Diesel Range Organics	**ND**	33	NWTPH-Dx	7-1-20	7-1-20	
Lube Oil	**140**	66	NWTPH-Dx	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*84*	*50-150*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**FST-01-1**					
Laboratory ID:	06-338-13					
Diesel Range Organics	**93**	27	NWTPH-Dx	7-1-20	7-1-20	
Lube Oil Range Organics	**160**	54	NWTPH-Dx	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*106*	*50-150*				
Client ID:	**Dup-1-200629**					
Laboratory ID:	06-338-15					
Diesel Range Organics	**ND**	150	NWTPH-Dx	7-1-20	7-1-20	
Lube Oil	**1600**	300	NWTPH-Dx	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*93*	*50-150*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-01-20**					
Laboratory ID:	06-338-01					
Dichlorodifluoromethane	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
Chloromethane	ND	0.010	EPA 8260D	7-1-20	7-1-20	
Vinyl Chloride	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
Bromomethane	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
Chloroethane	ND	0.0080	EPA 8260D	7-1-20	7-1-20	
Trichlorofluoromethane	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethene	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
Acetone	0.70	0.016	EPA 8260D	7-1-20	7-1-20	
Iodomethane	ND	0.0080	EPA 8260D	7-1-20	7-1-20	
Carbon Disulfide	0.011	0.0016	EPA 8260D	7-1-20	7-1-20	
Methylene Chloride	ND	0.0080	EPA 8260D	7-1-20	7-1-20	
(trans) 1,2-Dichloroethene	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
Methyl t-Butyl Ether	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethane	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
Vinyl Acetate	ND	0.0080	EPA 8260D	7-1-20	7-1-20	
2,2-Dichloropropane	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
(cis) 1,2-Dichloroethene	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
2-Butanone	0.19	0.0080	EPA 8260D	7-1-20	7-1-20	
Bromochloromethane	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
Chloroform	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
1,1,1-Trichloroethane	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
Carbon Tetrachloride	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloropropene	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
Benzene	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloroethane	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
Trichloroethene	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloropropane	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
Dibromomethane	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
Bromodichloromethane	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
2-Chloroethyl Vinyl Ether	ND	0.0080	EPA 8260D	7-1-20	7-1-20	
(cis) 1,3-Dichloropropene	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
Methyl Isobutyl Ketone	ND	0.0080	EPA 8260D	7-1-20	7-1-20	
Toluene	ND	0.0080	EPA 8260D	7-1-20	7-1-20	
(trans) 1,3-Dichloropropene	ND	0.0016	EPA 8260D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-01-20**					
Laboratory ID:	06-338-01					
1,1,2-Trichloroethane	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
Tetrachloroethene	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
1,3-Dichloropropane	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
2-Hexanone	ND	0.0080	EPA 8260D	7-1-20	7-1-20	
Dibromochloromethane	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromoethane	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
Chlorobenzene	0.0029	0.0016	EPA 8260D	7-1-20	7-1-20	
1,1,1,2-Tetrachloroethane	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
Ethylbenzene	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
m,p-Xylene	ND	0.0032	EPA 8260D	7-1-20	7-1-20	
o-Xylene	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
Styrene	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
Bromoform	ND	0.0080	EPA 8260D	7-1-20	7-1-20	
Isopropylbenzene	ND	0.0016	EPA 8260D	7-1-20	7-1-20	
Bromobenzene	ND	0.069	EPA 8260D	7-2-20	7-2-20	
1,1,2,2-Tetrachloroethane	ND	0.069	EPA 8260D	7-2-20	7-2-20	
1,2,3-Trichloropropane	ND	0.069	EPA 8260D	7-2-20	7-2-20	
n-Propylbenzene	ND	0.069	EPA 8260D	7-2-20	7-2-20	
2-Chlorotoluene	ND	0.069	EPA 8260D	7-2-20	7-2-20	
4-Chlorotoluene	ND	0.069	EPA 8260D	7-2-20	7-2-20	
1,3,5-Trimethylbenzene	ND	0.069	EPA 8260D	7-2-20	7-2-20	
tert-Butylbenzene	ND	0.069	EPA 8260D	7-2-20	7-2-20	
1,2,4-Trimethylbenzene	ND	0.069	EPA 8260D	7-2-20	7-2-20	
sec-Butylbenzene	ND	0.069	EPA 8260D	7-2-20	7-2-20	
1,3-Dichlorobenzene	ND	0.069	EPA 8260D	7-2-20	7-2-20	
p-Isopropyltoluene	0.15	0.069	EPA 8260D	7-2-20	7-2-20	
1,4-Dichlorobenzene	ND	0.069	EPA 8260D	7-2-20	7-2-20	
1,2-Dichlorobenzene	ND	0.069	EPA 8260D	7-2-20	7-2-20	
n-Butylbenzene	ND	0.069	EPA 8260D	7-2-20	7-2-20	
1,2-Dibromo-3-chloropropane	ND	0.34	EPA 8260D	7-2-20	7-2-20	
1,2,4-Trichlorobenzene	ND	0.069	EPA 8260D	7-2-20	7-2-20	
Hexachlorobutadiene	ND	0.34	EPA 8260D	7-2-20	7-2-20	
Naphthalene	ND	0.34	EPA 8260D	7-2-20	7-2-20	
1,2,3-Trichlorobenzene	ND	0.069	EPA 8260D	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*74-131*				
Toluene-d8	*96*	*78-128*				
4-Bromofluorobenzene	*72*	*71-130*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-03-3**					
Laboratory ID:	06-338-02					
Dichlorodifluoromethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Chloromethane	ND	0.0079	EPA 8260D	7-1-20	7-1-20	
Vinyl Chloride	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Bromomethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Chloroethane	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
Trichlorofluoromethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Acetone	ND	0.012	EPA 8260D	7-1-20	7-1-20	
Iodomethane	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
Carbon Disulfide	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Methylene Chloride	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Vinyl Acetate	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
2,2-Dichloropropane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
2-Butanone	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
Bromochloromethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Chloroform	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Carbon Tetrachloride	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloropropene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Benzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Trichloroethene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloropropane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Dibromomethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Bromodichloromethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
2-Chloroethyl Vinyl Ether	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Methyl Isobutyl Ketone	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
Toluene	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-03-3**					
Laboratory ID:	06-338-02					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Tetrachloroethene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,3-Dichloropropane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
2-Hexanone	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
Dibromochloromethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromoethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Chlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Ethylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
m,p-Xylene	ND	0.0024	EPA 8260D	7-1-20	7-1-20	
o-Xylene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Styrene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Bromoform	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
Isopropylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Bromobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
n-Propylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
2-Chlorotoluene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
4-Chlorotoluene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
tert-Butylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
sec-Butylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
p-Isopropyltoluene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
n-Butylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromo-3-chloropropane	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Hexachlorobutadiene	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
Naphthalene	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*101*	*74-131*				
Toluene-d8	*102*	*78-128*				
4-Bromofluorobenzene	*93*	*71-130*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-06-3**					
Laboratory ID:	06-338-07					
Dichlorodifluoromethane	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Chloromethane	ND	0.0071	EPA 8260D	7-1-20	7-1-20	
Vinyl Chloride	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Bromomethane	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Chloroethane	ND	0.0055	EPA 8260D	7-1-20	7-1-20	
Trichlorofluoromethane	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Acetone	ND	0.011	EPA 8260D	7-1-20	7-1-20	
Iodomethane	ND	0.0055	EPA 8260D	7-1-20	7-1-20	
Carbon Disulfide	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Methylene Chloride	ND	0.0055	EPA 8260D	7-1-20	7-1-20	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethane	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Vinyl Acetate	ND	0.0055	EPA 8260D	7-1-20	7-1-20	
2,2-Dichloropropane	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
2-Butanone	ND	0.0055	EPA 8260D	7-1-20	7-1-20	
Bromochloromethane	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Chloroform	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Carbon Tetrachloride	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloropropene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Benzene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloroethane	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Trichloroethene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloropropane	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Dibromomethane	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Bromodichloromethane	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
2-Chloroethyl Vinyl Ether	ND	0.0055	EPA 8260D	7-1-20	7-1-20	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Methyl Isobutyl Ketone	ND	0.0055	EPA 8260D	7-1-20	7-1-20	
Toluene	ND	0.0055	EPA 8260D	7-1-20	7-1-20	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-06-3**					
Laboratory ID:	06-338-07					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Tetrachloroethene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
1,3-Dichloropropane	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
2-Hexanone	ND	0.0055	EPA 8260D	7-1-20	7-1-20	
Dibromochloromethane	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromoethane	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Chlorobenzene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Ethylbenzene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
m,p-Xylene	ND	0.0022	EPA 8260D	7-1-20	7-1-20	
o-Xylene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Styrene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Bromoform	ND	0.0055	EPA 8260D	7-1-20	7-1-20	
Isopropylbenzene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Bromobenzene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
n-Propylbenzene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
2-Chlorotoluene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
4-Chlorotoluene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
tert-Butylbenzene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
sec-Butylbenzene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
p-Isopropyltoluene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
n-Butylbenzene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromo-3-chloropropane	ND	0.0055	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Hexachlorobutadiene	ND	0.0055	EPA 8260D	7-1-20	7-1-20	
Naphthalene	ND	0.0055	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260D	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*97*	*74-131*				
Toluene-d8	*103*	*78-128*				
4-Bromofluorobenzene	*92*	*71-130*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-09-3**					
Laboratory ID:	06-338-09					
Dichlorodifluoromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Chloromethane	ND	0.0087	EPA 8260D	7-1-20	7-1-20	
Vinyl Chloride	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Bromomethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Chloroethane	ND	0.0067	EPA 8260D	7-1-20	7-1-20	
Trichlorofluoromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Acetone	ND	0.013	EPA 8260D	7-1-20	7-1-20	
Iodomethane	ND	0.0067	EPA 8260D	7-1-20	7-1-20	
Carbon Disulfide	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Methylene Chloride	ND	0.0067	EPA 8260D	7-1-20	7-1-20	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Methyl t-Butyl Ether	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Vinyl Acetate	ND	0.0067	EPA 8260D	7-1-20	7-1-20	
2,2-Dichloropropane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
(cis) 1,2-Dichloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
2-Butanone	ND	0.0067	EPA 8260D	7-1-20	7-1-20	
Bromochloromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Chloroform	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1,1-Trichloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Carbon Tetrachloride	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloropropene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Benzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Trichloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloropropane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Dibromomethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Bromodichloromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
2-Chloroethyl Vinyl Ether	ND	0.0067	EPA 8260D	7-1-20	7-1-20	
(cis) 1,3-Dichloropropene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Methyl Isobutyl Ketone	ND	0.0067	EPA 8260D	7-1-20	7-1-20	
Toluene	ND	0.0067	EPA 8260D	7-1-20	7-1-20	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-09-3**					
Laboratory ID:	06-338-09					
1,1,2-Trichloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Tetrachloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,3-Dichloropropane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
2-Hexanone	ND	0.0067	EPA 8260D	7-1-20	7-1-20	
Dibromochloromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromoethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Chlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Ethylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
m,p-Xylene	ND	0.0027	EPA 8260D	7-1-20	7-1-20	
o-Xylene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Styrene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Bromoform	ND	0.0067	EPA 8260D	7-1-20	7-1-20	
Isopropylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Bromobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1,2,2-Tetrachloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
n-Propylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
2-Chlorotoluene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
4-Chlorotoluene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,3,5-Trimethylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
tert-Butylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trimethylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
sec-Butylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,3-Dichlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
p-Isopropyltoluene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,4-Dichlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dichlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
n-Butylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromo-3-chloropropane	ND	0.0067	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trichlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Hexachlorobutadiene	ND	0.0067	EPA 8260D	7-1-20	7-1-20	
Naphthalene	ND	0.0067	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*99*	*74-131*				
Toluene-d8	*102*	*78-128*				
4-Bromofluorobenzene	*92*	*71-130*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-07-15**					
Laboratory ID:	06-338-11					
Dichlorodifluoromethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Chloromethane	ND	0.0079	EPA 8260D	7-1-20	7-1-20	
Vinyl Chloride	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Bromomethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Chloroethane	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
Trichlorofluoromethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Acetone	ND	0.012	EPA 8260D	7-1-20	7-1-20	
Iodomethane	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
Carbon Disulfide	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Methylene Chloride	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Vinyl Acetate	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
2,2-Dichloropropane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
2-Butanone	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
Bromochloromethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Chloroform	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Carbon Tetrachloride	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloropropene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Benzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Trichloroethene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloropropane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Dibromomethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Bromodichloromethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
2-Chloroethyl Vinyl Ether	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Methyl Isobutyl Ketone	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
Toluene	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-07-15**					
Laboratory ID:	06-338-11					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Tetrachloroethene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,3-Dichloropropane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
2-Hexanone	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
Dibromochloromethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromoethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Chlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Ethylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
m,p-Xylene	ND	0.0024	EPA 8260D	7-1-20	7-1-20	
o-Xylene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Styrene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Bromoform	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
Isopropylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Bromobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
n-Propylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
2-Chlorotoluene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
4-Chlorotoluene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
tert-Butylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
sec-Butylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
p-Isopropyltoluene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
n-Butylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromo-3-chloropropane	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Hexachlorobutadiene	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
Naphthalene	ND	0.0061	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*74-131*				
Toluene-d8	*100*	*78-128*				
4-Bromofluorobenzene	*82*	*71-130*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-09-2**					
Laboratory ID:	06-338-12					
Dichlorodifluoromethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Chloromethane	ND	0.0091	EPA 8260D	7-1-20	7-1-20	
Vinyl Chloride	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Bromomethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Chloroethane	ND	0.0070	EPA 8260D	7-1-20	7-1-20	
Trichlorofluoromethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Acetone	ND	0.014	EPA 8260D	7-1-20	7-1-20	
Iodomethane	ND	0.0070	EPA 8260D	7-1-20	7-1-20	
Carbon Disulfide	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Methylene Chloride	ND	0.0070	EPA 8260D	7-1-20	7-1-20	
(trans) 1,2-Dichloroethene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Methyl t-Butyl Ether	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Vinyl Acetate	ND	0.0070	EPA 8260D	7-1-20	7-1-20	
2,2-Dichloropropane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
(cis) 1,2-Dichloroethene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
2-Butanone	ND	0.0070	EPA 8260D	7-1-20	7-1-20	
Bromochloromethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Chloroform	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1,1-Trichloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Carbon Tetrachloride	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloropropene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Benzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Trichloroethene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloropropane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Dibromomethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Bromodichloromethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
2-Chloroethyl Vinyl Ether	ND	0.0070	EPA 8260D	7-1-20	7-1-20	
(cis) 1,3-Dichloropropene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Methyl Isobutyl Ketone	ND	0.0070	EPA 8260D	7-1-20	7-1-20	
Toluene	ND	0.0070	EPA 8260D	7-1-20	7-1-20	
(trans) 1,3-Dichloropropene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-09-2**					
Laboratory ID:	06-338-12					
1,1,2-Trichloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Tetrachloroethene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,3-Dichloropropane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
2-Hexanone	ND	0.0070	EPA 8260D	7-1-20	7-1-20	
Dibromochloromethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromoethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Chlorobenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1,1,2-Tetrachloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Ethylbenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
m,p-Xylene	ND	0.0028	EPA 8260D	7-1-20	7-1-20	
o-Xylene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Styrene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Bromoform	ND	0.0070	EPA 8260D	7-1-20	7-1-20	
Isopropylbenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Bromobenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1,2,2-Tetrachloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichloropropane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
n-Propylbenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
2-Chlorotoluene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
4-Chlorotoluene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,3,5-Trimethylbenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
tert-Butylbenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trimethylbenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
sec-Butylbenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,3-Dichlorobenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
p-Isopropyltoluene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,4-Dichlorobenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,2-Dichlorobenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
n-Butylbenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromo-3-chloropropane	ND	0.0070	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trichlorobenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Hexachlorobutadiene	ND	0.0070	EPA 8260D	7-1-20	7-1-20	
Naphthalene	ND	0.0070	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichlorobenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*74-131*				
Toluene-d8	*101*	*78-128*				
4-Bromofluorobenzene	*80*	*71-130*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Dup-1-200629**					
Laboratory ID:	06-338-15					
Dichlorodifluoromethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Chloromethane	ND	0.0088	EPA 8260D	7-1-20	7-1-20	
Vinyl Chloride	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Bromomethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Chloroethane	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
Trichlorofluoromethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Acetone	0.62	0.014	EPA 8260D	7-1-20	7-1-20	
Iodomethane	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
Carbon Disulfide	0.022	0.0014	EPA 8260D	7-1-20	7-1-20	
Methylene Chloride	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
(trans) 1,2-Dichloroethene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Methyl t-Butyl Ether	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Vinyl Acetate	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
2,2-Dichloropropane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
(cis) 1,2-Dichloroethene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
2-Butanone	0.16	0.0068	EPA 8260D	7-1-20	7-1-20	
Bromochloromethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Chloroform	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1,1-Trichloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Carbon Tetrachloride	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloropropene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Benzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Trichloroethene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloropropane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Dibromomethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Bromodichloromethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
2-Chloroethyl Vinyl Ether	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
(cis) 1,3-Dichloropropene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Methyl Isobutyl Ketone	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
Toluene	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
(trans) 1,3-Dichloropropene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Dup-1-200629**					
Laboratory ID:	06-338-15					
1,1,2-Trichloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Tetrachloroethene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,3-Dichloropropane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
2-Hexanone	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
Dibromochloromethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromoethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Chlorobenzene	0.0026	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1,1,2-Tetrachloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Ethylbenzene	0.0015	0.0014	EPA 8260D	7-1-20	7-1-20	
m,p-Xylene	ND	0.0027	EPA 8260D	7-1-20	7-1-20	
o-Xylene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Styrene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Bromoform	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
Isopropylbenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Bromobenzene	ND	0.075	EPA 8260D	7-2-20	7-2-20	
1,1,2,2-Tetrachloroethane	ND	0.075	EPA 8260D	7-2-20	7-2-20	
1,2,3-Trichloropropane	ND	0.075	EPA 8260D	7-2-20	7-2-20	
n-Propylbenzene	ND	0.075	EPA 8260D	7-2-20	7-2-20	
2-Chlorotoluene	ND	0.075	EPA 8260D	7-2-20	7-2-20	
4-Chlorotoluene	ND	0.075	EPA 8260D	7-2-20	7-2-20	
1,3,5-Trimethylbenzene	ND	0.075	EPA 8260D	7-2-20	7-2-20	
tert-Butylbenzene	ND	0.075	EPA 8260D	7-2-20	7-2-20	
1,2,4-Trimethylbenzene	ND	0.075	EPA 8260D	7-2-20	7-2-20	
sec-Butylbenzene	ND	0.075	EPA 8260D	7-2-20	7-2-20	
1,3-Dichlorobenzene	ND	0.075	EPA 8260D	7-2-20	7-2-20	
p-Isopropyltoluene	0.13	0.075	EPA 8260D	7-2-20	7-2-20	
1,4-Dichlorobenzene	ND	0.075	EPA 8260D	7-2-20	7-2-20	
1,2-Dichlorobenzene	ND	0.075	EPA 8260D	7-2-20	7-2-20	
n-Butylbenzene	ND	0.075	EPA 8260D	7-2-20	7-2-20	
1,2-Dibromo-3-chloropropane	ND	0.37	EPA 8260D	7-2-20	7-2-20	
1,2,4-Trichlorobenzene	ND	0.075	EPA 8260D	7-2-20	7-2-20	
Hexachlorobutadiene	ND	0.37	EPA 8260D	7-2-20	7-2-20	
Naphthalene	ND	0.37	EPA 8260D	7-2-20	7-2-20	
1,2,3-Trichlorobenzene	ND	0.075	EPA 8260D	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*99*	*74-131*				
Toluene-d8	*98*	*78-128*				
4-Bromofluorobenzene	*77*	*71-130*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-01-20**					
Laboratory ID:	06-338-01					
n-Nitrosodimethylamine	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Pyridine	**ND**	10	EPA 8270E	7-1-20	7-3-20	
Phenol	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Aniline	**ND**	5.1	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethyl)ether	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
2-Chlorophenol	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
1,3-Dichlorobenzene	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
1,4-Dichlorobenzene	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Benzyl alcohol	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
1,2-Dichlorobenzene	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
2-Methylphenol (o-Cresol)	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroisopropyl)ether	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
(3+4)-Methylphenol (m,p-Cresol)	**2.8**	1.0	EPA 8270E	7-1-20	7-3-20	
n-Nitroso-di-n-propylamine	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Hexachloroethane	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Nitrobenzene	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Isophorone	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
2-Nitrophenol	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
2,4-Dimethylphenol	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethoxy)methane	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
2,4-Dichlorophenol	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
1,2,4-Trichlorobenzene	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Naphthalene	**0.14**	0.040	EPA 8270E/SIM	7-1-20	7-3-20	
4-Chloroaniline	**ND**	5.1	EPA 8270E	7-1-20	7-3-20	
Hexachlorobutadiene	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
4-Chloro-3-methylphenol	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
2-Methylnaphthalene	**0.11**	0.040	EPA 8270E/SIM	7-1-20	7-3-20	
1-Methylnaphthalene	**0.092**	0.040	EPA 8270E/SIM	7-1-20	7-3-20	
Hexachlorocyclopentadiene	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
2,4,6-Trichlorophenol	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
2,3-Dichloroaniline	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
2,4,5-Trichlorophenol	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
2-Chloronaphthalene	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
2-Nitroaniline	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
1,4-Dinitrobenzene	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Dimethylphthalate	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
1,3-Dinitrobenzene	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
2,6-Dinitrotoluene	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
1,2-Dinitrobenzene	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Acenaphthylene	**ND**	0.040	EPA 8270E/SIM	7-1-20	7-3-20	
3-Nitroaniline	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-01-20**					
Laboratory ID:	06-338-01					
2,4-Dinitrophenol	**ND**	5.1	EPA 8270E	7-1-20	7-3-20	
Acenaphthene	**ND**	0.040	EPA 8270E/SIM	7-1-20	7-3-20	
4-Nitrophenol	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
2,4-Dinitrotoluene	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Dibenzofuran	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
2,3,5,6-Tetrachlorophenol	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
2,3,4,6-Tetrachlorophenol	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Diethylphthalate	**ND**	5.1	EPA 8270E	7-1-20	7-3-20	
4-Chlorophenyl-phenylether	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
4-Nitroaniline	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Fluorene	**0.066**	0.040	EPA 8270E/SIM	7-1-20	7-3-20	
4,6-Dinitro-2-methylphenol	**ND**	5.1	EPA 8270E	7-1-20	7-3-20	
n-Nitrosodiphenylamine	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
1,2-Diphenylhydrazine	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
4-Bromophenyl-phenylether	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Hexachlorobenzene	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Pentachlorophenol	**ND**	5.1	EPA 8270E	7-1-20	7-3-20	
Phenanthrene	**0.53**	0.040	EPA 8270E/SIM	7-1-20	7-3-20	
Anthracene	**0.062**	0.040	EPA 8270E/SIM	7-1-20	7-3-20	
Carbazole	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Di-n-butylphthalate	**ND**	5.1	EPA 8270E	7-1-20	7-3-20	
Fluoranthene	**0.30**	0.040	EPA 8270E/SIM	7-1-20	7-3-20	
Pyrene	**0.32**	0.040	EPA 8270E/SIM	7-1-20	7-3-20	
Butylbenzylphthalate	**ND**	5.1	EPA 8270E	7-1-20	7-3-20	
bis-2-Ethylhexyladipate	**ND**	5.1	EPA 8270E	7-1-20	7-3-20	
3,3'-Dichlorobenzidine	**ND**	5.1	EPA 8270E	7-1-20	7-3-20	
Benzo[a]anthracene	**0.070**	0.040	EPA 8270E/SIM	7-1-20	7-3-20	
Chrysene	**0.16**	0.040	EPA 8270E/SIM	7-1-20	7-3-20	
bis(2-Ethylhexyl)phthalate	**ND**	5.1	EPA 8270E	7-1-20	7-3-20	
Di-n-octylphthalate	**ND**	5.1	EPA 8270E	7-1-20	7-3-20	
Benzo[b]fluoranthene	**0.090**	0.040	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo(j,k)fluoranthene	**ND**	0.040	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[a]pyrene	**0.071**	0.040	EPA 8270E/SIM	7-1-20	7-3-20	
Indeno[1,2,3-cd]pyrene	**0.056**	0.040	EPA 8270E/SIM	7-1-20	7-3-20	
Dibenz[a,h]anthracene	**ND**	0.040	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[g,h,i]perylene	**0.076**	0.040	EPA 8270E/SIM	7-1-20	7-3-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*55*	*22 - 109*				
Phenol-d6	*63*	*36 - 110*				
Nitrobenzene-d5	*69*	*31 - 109*				
2-Fluorobiphenyl	*65*	*45 - 107*				
2,4,6-Tribromophenol	*60*	*43 - 124*				
Terphenyl-d14	*63*	*52 - 118*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-03-3**					
Laboratory ID:	06-338-02					
n-Nitrosodimethylamine	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
Pyridine	**ND**	0.36	EPA 8270E	7-7-20	7-7-20	
Phenol	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
Aniline	**ND**	0.18	EPA 8270E	7-7-20	7-7-20	
bis(2-Chloroethyl)ether	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
2-Chlorophenol	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
1,3-Dichlorobenzene	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
1,4-Dichlorobenzene	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
Benzyl alcohol	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
1,2-Dichlorobenzene	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
2-Methylphenol (o-Cresol)	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
bis(2-Chloroisopropyl)ether	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
n-Nitroso-di-n-propylamine	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
Hexachloroethane	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
Nitrobenzene	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
Isophorone	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
2-Nitrophenol	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
2,4-Dimethylphenol	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
bis(2-Chloroethoxy)methane	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
2,4-Dichlorophenol	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
1,2,4-Trichlorobenzene	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
Naphthalene	**ND**	0.0072	EPA 8270E/SIM	7-7-20	7-7-20	
4-Chloroaniline	**ND**	0.18	EPA 8270E	7-7-20	7-7-20	
Hexachlorobutadiene	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
4-Chloro-3-methylphenol	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
2-Methylnaphthalene	**ND**	0.0072	EPA 8270E/SIM	7-7-20	7-7-20	
1-Methylnaphthalene	**ND**	0.0072	EPA 8270E/SIM	7-7-20	7-7-20	
Hexachlorocyclopentadiene	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
2,4,6-Trichlorophenol	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
2,3-Dichloroaniline	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
2,4,5-Trichlorophenol	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
2-Chloronaphthalene	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
2-Nitroaniline	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
1,4-Dinitrobenzene	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
Dimethylphthalate	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
1,3-Dinitrobenzene	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
2,6-Dinitrotoluene	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
1,2-Dinitrobenzene	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
Acenaphthylene	**ND**	0.0072	EPA 8270E/SIM	7-7-20	7-7-20	
3-Nitroaniline	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-03-3**					
Laboratory ID:	06-338-02					
2,4-Dinitrophenol	**ND**	0.18	EPA 8270E	7-7-20	7-7-20	
Acenaphthene	**ND**	0.0072	EPA 8270E/SIM	7-7-20	7-7-20	
4-Nitrophenol	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
2,4-Dinitrotoluene	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
Dibenzofuran	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
2,3,5,6-Tetrachlorophenol	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
2,3,4,6-Tetrachlorophenol	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
Diethylphthalate	**ND**	0.18	EPA 8270E	7-7-20	7-7-20	
4-Chlorophenyl-phenylether	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
4-Nitroaniline	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
Fluorene	**ND**	0.0072	EPA 8270E/SIM	7-7-20	7-7-20	
4,6-Dinitro-2-methylphenol	**ND**	0.18	EPA 8270E	7-7-20	7-7-20	
n-Nitrosodiphenylamine	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
1,2-Diphenylhydrazine	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
4-Bromophenyl-phenylether	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
Hexachlorobenzene	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
Pentachlorophenol	**ND**	0.18	EPA 8270E	7-7-20	7-7-20	
Phenanthrene	**ND**	0.0072	EPA 8270E/SIM	7-7-20	7-7-20	
Anthracene	**ND**	0.0072	EPA 8270E/SIM	7-7-20	7-7-20	
Carbazole	**ND**	0.036	EPA 8270E	7-7-20	7-7-20	
Di-n-butylphthalate	**ND**	0.18	EPA 8270E	7-7-20	7-7-20	
Fluoranthene	**ND**	0.0072	EPA 8270E/SIM	7-7-20	7-7-20	
Pyrene	**ND**	0.0072	EPA 8270E/SIM	7-7-20	7-7-20	
Butylbenzylphthalate	**ND**	0.18	EPA 8270E	7-7-20	7-7-20	
bis-2-Ethylhexyladipate	**ND**	0.18	EPA 8270E	7-7-20	7-7-20	
3,3'-Dichlorobenzidine	**ND**	0.18	EPA 8270E	7-7-20	7-7-20	
Benzo[a]anthracene	**ND**	0.0072	EPA 8270E/SIM	7-7-20	7-7-20	
Chrysene	**ND**	0.0072	EPA 8270E/SIM	7-7-20	7-7-20	
bis(2-Ethylhexyl)phthalate	**ND**	0.18	EPA 8270E	7-7-20	7-7-20	
Di-n-octylphthalate	**ND**	0.18	EPA 8270E	7-7-20	7-7-20	
Benzo[b]fluoranthene	**ND**	0.0072	EPA 8270E/SIM	7-7-20	7-7-20	
Benzo(j,k)fluoranthene	**ND**	0.0072	EPA 8270E/SIM	7-7-20	7-7-20	
Benzo[a]pyrene	**ND**	0.0072	EPA 8270E/SIM	7-7-20	7-7-20	
Indeno[1,2,3-cd]pyrene	**ND**	0.0072	EPA 8270E/SIM	7-7-20	7-7-20	
Dibenz[a,h]anthracene	**ND**	0.0072	EPA 8270E/SIM	7-7-20	7-7-20	
Benzo[g,h,i]perylene	**ND**	0.0072	EPA 8270E/SIM	7-7-20	7-7-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*77*	*22 - 109*				
Phenol-d6	*90*	*36 - 110*				
Nitrobenzene-d5	*89*	*31 - 109*				
2-Fluorobiphenyl	*74*	*45 - 107*				
2,4,6-Tribromophenol	*87*	*43 - 124*				
Terphenyl-d14	*78*	*52 - 118*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-06-3**					
Laboratory ID:	06-338-07					
n-Nitrosodimethylamine	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
Pyridine	**ND**	0.40	EPA 8270E	7-1-20	7-1-20	
Phenol	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
Aniline	**ND**	0.20	EPA 8270E	7-1-20	7-1-20	
bis(2-Chloroethyl)ether	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
2-Chlorophenol	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
1,3-Dichlorobenzene	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
1,4-Dichlorobenzene	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
Benzyl alcohol	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
1,2-Dichlorobenzene	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
2-Methylphenol (o-Cresol)	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
bis(2-Chloroisopropyl)ether	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
n-Nitroso-di-n-propylamine	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
Hexachloroethane	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
Nitrobenzene	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
Isophorone	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
2-Nitrophenol	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
2,4-Dimethylphenol	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
bis(2-Chloroethoxy)methane	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
2,4-Dichlorophenol	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
1,2,4-Trichlorobenzene	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
Naphthalene	**ND**	0.0080	EPA 8270E/SIM	7-1-20	7-2-20	
4-Chloroaniline	**ND**	0.20	EPA 8270E	7-1-20	7-1-20	
Hexachlorobutadiene	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
4-Chloro-3-methylphenol	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
2-Methylnaphthalene	**ND**	0.0080	EPA 8270E/SIM	7-1-20	7-2-20	
1-Methylnaphthalene	**ND**	0.0080	EPA 8270E/SIM	7-1-20	7-2-20	
Hexachlorocyclopentadiene	**ND**	0.078	EPA 8270E	7-1-20	7-1-20	
2,4,6-Trichlorophenol	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
2,3-Dichloroaniline	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
2,4,5-Trichlorophenol	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
2-Chloronaphthalene	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
2-Nitroaniline	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
1,4-Dinitrobenzene	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
Dimethylphthalate	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
1,3-Dinitrobenzene	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
2,6-Dinitrotoluene	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
1,2-Dinitrobenzene	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
Acenaphthylene	**ND**	0.0080	EPA 8270E/SIM	7-1-20	7-2-20	
3-Nitroaniline	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-06-3**					
Laboratory ID:	06-338-07					
2,4-Dinitrophenol	**ND**	0.45	EPA 8270E	7-1-20	7-1-20	
Acenaphthene	**ND**	0.0080	EPA 8270E/SIM	7-1-20	7-2-20	
4-Nitrophenol	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
2,4-Dinitrotoluene	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
Dibenzofuran	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
2,3,5,6-Tetrachlorophenol	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
2,3,4,6-Tetrachlorophenol	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
Diethylphthalate	**ND**	0.20	EPA 8270E	7-1-20	7-1-20	
4-Chlorophenyl-phenylether	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
4-Nitroaniline	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
Fluorene	**ND**	0.0080	EPA 8270E/SIM	7-1-20	7-2-20	
4,6-Dinitro-2-methylphenol	**ND**	0.34	EPA 8270E	7-1-20	7-1-20	
n-Nitrosodiphenylamine	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
1,2-Diphenylhydrazine	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
4-Bromophenyl-phenylether	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
Hexachlorobenzene	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
Pentachlorophenol	**ND**	0.20	EPA 8270E	7-1-20	7-1-20	
Phenanthrene	**ND**	0.0080	EPA 8270E/SIM	7-1-20	7-2-20	
Anthracene	**ND**	0.0080	EPA 8270E/SIM	7-1-20	7-2-20	
Carbazole	**ND**	0.040	EPA 8270E	7-1-20	7-1-20	
Di-n-butylphthalate	**ND**	0.20	EPA 8270E	7-1-20	7-1-20	
Fluoranthene	**ND**	0.0080	EPA 8270E/SIM	7-1-20	7-2-20	
Pyrene	**ND**	0.0080	EPA 8270E/SIM	7-1-20	7-2-20	
Butylbenzylphthalate	**ND**	0.20	EPA 8270E	7-1-20	7-1-20	
bis-2-Ethylhexyladipate	**ND**	0.20	EPA 8270E	7-1-20	7-1-20	
3,3'-Dichlorobenzidine	**ND**	0.20	EPA 8270E	7-1-20	7-1-20	
Benzo[a]anthracene	**ND**	0.0080	EPA 8270E/SIM	7-1-20	7-2-20	
Chrysene	**ND**	0.0080	EPA 8270E/SIM	7-1-20	7-2-20	
bis(2-Ethylhexyl)phthalate	**ND**	0.20	EPA 8270E	7-1-20	7-1-20	
Di-n-octylphthalate	**ND**	0.20	EPA 8270E	7-1-20	7-1-20	
Benzo[b]fluoranthene	**ND**	0.0080	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo(j,k)fluoranthene	**ND**	0.0080	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[a]pyrene	**ND**	0.0080	EPA 8270E/SIM	7-1-20	7-2-20	
Indeno[1,2,3-cd]pyrene	**ND**	0.0080	EPA 8270E/SIM	7-1-20	7-2-20	
Dibenz[a,h]anthracene	**ND**	0.0080	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[g,h,i]perylene	**ND**	0.0080	EPA 8270E/SIM	7-1-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*63*	*22 - 109*				
Phenol-d6	*70*	*36 - 110*				
Nitrobenzene-d5	*73*	*31 - 109*				
2-Fluorobiphenyl	*64*	*45 - 107*				
2,4,6-Tribromophenol	*64*	*43 - 124*				
Terphenyl-d14	*61*	*52 - 118*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-09-3**					
Laboratory ID:	06-338-09					
n-Nitrosodimethylamine	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
Pyridine	**ND**	0.38	EPA 8270E	7-1-20	7-2-20	
Phenol	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
Aniline	**ND**	0.19	EPA 8270E	7-1-20	7-2-20	
bis(2-Chloroethyl)ether	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
2-Chlorophenol	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
1,3-Dichlorobenzene	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
1,4-Dichlorobenzene	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
Benzyl alcohol	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
1,2-Dichlorobenzene	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
2-Methylphenol (o-Cresol)	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
bis(2-Chloroisopropyl)ether	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
n-Nitroso-di-n-propylamine	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
Hexachloroethane	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
Nitrobenzene	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
Isophorone	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
2-Nitrophenol	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
2,4-Dimethylphenol	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
bis(2-Chloroethoxy)methane	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
2,4-Dichlorophenol	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
1,2,4-Trichlorobenzene	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
Naphthalene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
4-Chloroaniline	**ND**	0.19	EPA 8270E	7-1-20	7-2-20	
Hexachlorobutadiene	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
4-Chloro-3-methylphenol	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
2-Methylnaphthalene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
1-Methylnaphthalene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Hexachlorocyclopentadiene	**ND**	0.075	EPA 8270E	7-1-20	7-2-20	
2,4,6-Trichlorophenol	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
2,3-Dichloroaniline	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
2,4,5-Trichlorophenol	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
2-Chloronaphthalene	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
2-Nitroaniline	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
1,4-Dinitrobenzene	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
Dimethylphthalate	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
1,3-Dinitrobenzene	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
2,6-Dinitrotoluene	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
1,2-Dinitrobenzene	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
Acenaphthylene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
3-Nitroaniline	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-09-3**					
Laboratory ID:	06-338-09					
2,4-Dinitrophenol	**ND**	0.43	EPA 8270E	7-1-20	7-2-20	
Acenaphthene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
4-Nitrophenol	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
2,4-Dinitrotoluene	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
Dibenzofuran	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
2,3,5,6-Tetrachlorophenol	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
2,3,4,6-Tetrachlorophenol	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
Diethylphthalate	**ND**	0.19	EPA 8270E	7-1-20	7-2-20	
4-Chlorophenyl-phenylether	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
4-Nitroaniline	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
Fluorene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
4,6-Dinitro-2-methylphenol	**ND**	0.33	EPA 8270E	7-1-20	7-2-20	
n-Nitrosodiphenylamine	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
1,2-Diphenylhydrazine	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
4-Bromophenyl-phenylether	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
Hexachlorobenzene	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
Pentachlorophenol	**ND**	0.19	EPA 8270E	7-1-20	7-2-20	
Phenanthrene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Anthracene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Carbazole	**ND**	0.038	EPA 8270E	7-1-20	7-2-20	
Di-n-butylphthalate	**ND**	0.19	EPA 8270E	7-1-20	7-2-20	
Fluoranthene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Pyrene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Butylbenzylphthalate	**ND**	0.19	EPA 8270E	7-1-20	7-2-20	
bis-2-Ethylhexyladipate	**ND**	0.19	EPA 8270E	7-1-20	7-2-20	
3,3'-Dichlorobenzidine	**ND**	0.19	EPA 8270E	7-1-20	7-2-20	
Benzo[a]anthracene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Chrysene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
bis(2-Ethylhexyl)phthalate	**ND**	0.19	EPA 8270E	7-1-20	7-2-20	
Di-n-octylphthalate	**ND**	0.19	EPA 8270E	7-1-20	7-2-20	
Benzo[b]fluoranthene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo(j,k)fluoranthene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[a]pyrene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Indeno[1,2,3-cd]pyrene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Dibenz[a,h]anthracene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[g,h,i]perylene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*58*	*22 - 109*				
Phenol-d6	*66*	*36 - 110*				
Nitrobenzene-d5	*67*	*31 - 109*				
2-Fluorobiphenyl	*59*	*45 - 107*				
2,4,6-Tribromophenol	*60*	*43 - 124*				
Terphenyl-d14	*57*	*52 - 118*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-07-15**					
Laboratory ID:	06-338-11					
n-Nitrosodimethylamine	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
Pyridine	**ND**	1.8	EPA 8270E	7-1-20	7-3-20	
Phenol	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
Aniline	**ND**	0.92	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethyl)ether	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
2-Chlorophenol	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
1,3-Dichlorobenzene	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
1,4-Dichlorobenzene	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
Benzyl alcohol	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
1,2-Dichlorobenzene	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
2-Methylphenol (o-Cresol)	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroisopropyl)ether	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
n-Nitroso-di-n-propylamine	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
Hexachloroethane	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
Nitrobenzene	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
Isophorone	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
2-Nitrophenol	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
2,4-Dimethylphenol	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethoxy)methane	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
2,4-Dichlorophenol	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
1,2,4-Trichlorobenzene	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
Naphthalene	**0.028**	0.0074	EPA 8270E/SIM	7-1-20	7-3-20	
4-Chloroaniline	**ND**	0.92	EPA 8270E	7-1-20	7-3-20	
Hexachlorobutadiene	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
4-Chloro-3-methylphenol	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
2-Methylnaphthalene	**0.069**	0.0074	EPA 8270E/SIM	7-1-20	7-3-20	
1-Methylnaphthalene	**0.023**	0.0074	EPA 8270E/SIM	7-1-20	7-3-20	
Hexachlorocyclopentadiene	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
2,4,6-Trichlorophenol	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
2,3-Dichloroaniline	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
2,4,5-Trichlorophenol	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
2-Chloronaphthalene	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
2-Nitroaniline	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
1,4-Dinitrobenzene	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
Dimethylphthalate	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
1,3-Dinitrobenzene	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
2,6-Dinitrotoluene	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
1,2-Dinitrobenzene	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
Acenaphthylene	**0.010**	0.0074	EPA 8270E/SIM	7-1-20	7-3-20	
3-Nitroaniline	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-07-15**					
Laboratory ID:	06-338-11					
2,4-Dinitrophenol	**ND**	0.92	EPA 8270E	7-1-20	7-3-20	
Acenaphthene	**0.012**	0.0074	EPA 8270E/SIM	7-1-20	7-3-20	
4-Nitrophenol	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
2,4-Dinitrotoluene	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
Dibenzofuran	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
2,3,5,6-Tetrachlorophenol	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
2,3,4,6-Tetrachlorophenol	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
Diethylphthalate	**ND**	0.92	EPA 8270E	7-1-20	7-3-20	
4-Chlorophenyl-phenylether	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
4-Nitroaniline	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
Fluorene	**ND**	0.0074	EPA 8270E/SIM	7-1-20	7-3-20	
4,6-Dinitro-2-methylphenol	**ND**	0.92	EPA 8270E	7-1-20	7-3-20	
n-Nitrosodiphenylamine	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
1,2-Diphenylhydrazine	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
4-Bromophenyl-phenylether	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
Hexachlorobenzene	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
Pentachlorophenol	**ND**	0.92	EPA 8270E	7-1-20	7-3-20	
Phenanthrene	**0.045**	0.0074	EPA 8270E/SIM	7-1-20	7-3-20	
Anthracene	**0.010**	0.0074	EPA 8270E/SIM	7-1-20	7-3-20	
Carbazole	**ND**	0.18	EPA 8270E	7-1-20	7-3-20	
Di-n-butylphthalate	**ND**	0.92	EPA 8270E	7-1-20	7-3-20	
Fluoranthene	**0.043**	0.0074	EPA 8270E/SIM	7-1-20	7-3-20	
Pyrene	**0.086**	0.0074	EPA 8270E/SIM	7-1-20	7-3-20	
Butylbenzylphthalate	**ND**	0.92	EPA 8270E	7-1-20	7-3-20	
bis-2-Ethylhexyladipate	**ND**	0.92	EPA 8270E	7-1-20	7-3-20	
3,3'-Dichlorobenzidine	**ND**	0.92	EPA 8270E	7-1-20	7-3-20	
Benzo[a]anthracene	**0.043**	0.0074	EPA 8270E/SIM	7-1-20	7-3-20	
Chrysene	**0.054**	0.0074	EPA 8270E/SIM	7-1-20	7-3-20	
bis(2-Ethylhexyl)phthalate	**ND**	0.92	EPA 8270E	7-1-20	7-3-20	
Di-n-octylphthalate	**ND**	0.92	EPA 8270E	7-1-20	7-3-20	
Benzo[b]fluoranthene	**0.048**	0.0074	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo(j,k)fluoranthene	**0.014**	0.0074	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[a]pyrene	**0.047**	0.0074	EPA 8270E/SIM	7-1-20	7-3-20	
Indeno[1,2,3-cd]pyrene	**0.029**	0.0074	EPA 8270E/SIM	7-1-20	7-3-20	
Dibenz[a,h]anthracene	**0.0083**	0.0074	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[g,h,i]perylene	**0.035**	0.0074	EPA 8270E/SIM	7-1-20	7-3-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*78*	*22 - 109*				
Phenol-d6	*88*	*36 - 110*				
Nitrobenzene-d5	*97*	*31 - 109*				
2-Fluorobiphenyl	*90*	*45 - 107*				
2,4,6-Tribromophenol	*92*	*43 - 124*				
Terphenyl-d14	*85*	*52 - 118*				

Date of Report: July 13, 2020
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Laboratory Reference: 2006-338
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-09-2**					
Laboratory ID:	06-338-12					
n-Nitrosodimethylamine	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Pyridine	**ND**	4.4	EPA 8270E	7-1-20	7-3-20	
Phenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Aniline	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethyl)ether	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2-Chlorophenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
1,3-Dichlorobenzene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
1,4-Dichlorobenzene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Benzyl alcohol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
1,2-Dichlorobenzene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2-Methylphenol (o-Cresol)	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroisopropyl)ether	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
n-Nitroso-di-n-propylamine	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Hexachloroethane	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Nitrobenzene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Isophorone	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2-Nitrophenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2,4-Dimethylphenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethoxy)methane	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2,4-Dichlorophenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
1,2,4-Trichlorobenzene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Naphthalene	**0.022**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
4-Chloroaniline	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
Hexachlorobutadiene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
4-Chloro-3-methylphenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2-Methylnaphthalene	**ND**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
1-Methylnaphthalene	**ND**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Hexachlorocyclopentadiene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2,4,6-Trichlorophenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2,3-Dichloroaniline	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2,4,5-Trichlorophenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2-Chloronaphthalene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2-Nitroaniline	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
1,4-Dinitrobenzene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Dimethylphthalate	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
1,3-Dinitrobenzene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2,6-Dinitrotoluene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
1,2-Dinitrobenzene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Acenaphthylene	**ND**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
3-Nitroaniline	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-09-2**					
Laboratory ID:	06-338-12					
2,4-Dinitrophenol	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
Acenaphthene	**ND**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
4-Nitrophenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2,4-Dinitrotoluene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Dibenzofuran	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2,3,5,6-Tetrachlorophenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2,3,4,6-Tetrachlorophenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Diethylphthalate	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
4-Chlorophenyl-phenylether	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
4-Nitroaniline	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Fluorene	**ND**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
4,6-Dinitro-2-methylphenol	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
n-Nitrosodiphenylamine	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
1,2-Diphenylhydrazine	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
4-Bromophenyl-phenylether	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Hexachlorobenzene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Pentachlorophenol	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
Phenanthrene	**0.045**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Anthracene	**ND**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Carbazole	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Di-n-butylphthalate	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
Fluoranthene	**0.060**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Pyrene	**0.067**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Butylbenzylphthalate	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
bis-2-Ethylhexyladipate	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
3,3'-Dichlorobenzidine	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
Benzo[a]anthracene	**0.027**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Chrysene	**0.038**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
bis(2-Ethylhexyl)phthalate	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
Di-n-octylphthalate	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
Benzo[b]fluoranthene	**0.041**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo(j,k)fluoranthene	**ND**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[a]pyrene	**0.036**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Indeno[1,2,3-cd]pyrene	**0.024**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Dibenz[a,h]anthracene	**ND**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[g,h,i]perylene	**0.028**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*83*	*22 - 109*				
Phenol-d6	*94*	*36 - 110*				
Nitrobenzene-d5	*101*	*31 - 109*				
2-Fluorobiphenyl	*94*	*45 - 107*				
2,4,6-Tribromophenol	*100*	*43 - 124*				
Terphenyl-d14	*91*	*52 - 118*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Dup-1-200629**					
Laboratory ID:	06-338-15					
n-Nitrosodimethylamine	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
Pyridine	**ND**	8.1	EPA 8270E	7-1-20	7-3-20	
Phenol	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
Aniline	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethyl)ether	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
2-Chlorophenol	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
1,3-Dichlorobenzene	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
1,4-Dichlorobenzene	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
Benzyl alcohol	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
1,2-Dichlorobenzene	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
2-Methylphenol (o-Cresol)	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroisopropyl)ether	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
(3+4)-Methylphenol (m,p-Cresol)	**3.5**	0.81	EPA 8270E	7-1-20	7-3-20	
n-Nitroso-di-n-propylamine	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
Hexachloroethane	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
Nitrobenzene	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
Isophorone	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
2-Nitrophenol	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
2,4-Dimethylphenol	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethoxy)methane	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
2,4-Dichlorophenol	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
1,2,4-Trichlorobenzene	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
Naphthalene	**0.13**	0.016	EPA 8270E/SIM	7-1-20	7-3-20	
4-Chloroaniline	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
Hexachlorobutadiene	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
4-Chloro-3-methylphenol	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
2-Methylnaphthalene	**0.10**	0.016	EPA 8270E/SIM	7-1-20	7-3-20	
1-Methylnaphthalene	**0.081**	0.016	EPA 8270E/SIM	7-1-20	7-3-20	
Hexachlorocyclopentadiene	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
2,4,6-Trichlorophenol	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
2,3-Dichloroaniline	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
2,4,5-Trichlorophenol	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
2-Chloronaphthalene	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
2-Nitroaniline	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
1,4-Dinitrobenzene	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
Dimethylphthalate	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
1,3-Dinitrobenzene	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
2,6-Dinitrotoluene	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
1,2-Dinitrobenzene	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
Acenaphthylene	**0.029**	0.016	EPA 8270E/SIM	7-1-20	7-3-20	
3-Nitroaniline	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Dup-1-200629**					
Laboratory ID:	06-338-15					
2,4-Dinitrophenol	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
Acenaphthene	**0.029**	0.016	EPA 8270E/SIM	7-1-20	7-3-20	
4-Nitrophenol	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
2,4-Dinitrotoluene	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
Dibenzofuran	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
2,3,5,6-Tetrachlorophenol	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
2,3,4,6-Tetrachlorophenol	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
Diethylphthalate	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
4-Chlorophenyl-phenylether	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
4-Nitroaniline	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
Fluorene	**0.064**	0.016	EPA 8270E/SIM	7-1-20	7-3-20	
4,6-Dinitro-2-methylphenol	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
n-Nitrosodiphenylamine	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
1,2-Diphenylhydrazine	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
4-Bromophenyl-phenylether	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
Hexachlorobenzene	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
Pentachlorophenol	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
Phenanthrene	**0.53**	0.016	EPA 8270E/SIM	7-1-20	7-3-20	
Anthracene	**0.060**	0.016	EPA 8270E/SIM	7-1-20	7-3-20	
Carbazole	**ND**	0.81	EPA 8270E	7-1-20	7-3-20	
Di-n-butylphthalate	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
Fluoranthene	**0.25**	0.016	EPA 8270E/SIM	7-1-20	7-3-20	
Pyrene	**0.27**	0.016	EPA 8270E/SIM	7-1-20	7-3-20	
Butylbenzylphthalate	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
bis-2-Ethylhexyladipate	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
3,3'-Dichlorobenzidine	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
Benzo[a]anthracene	**0.084**	0.016	EPA 8270E/SIM	7-1-20	7-3-20	
Chrysene	**0.14**	0.016	EPA 8270E/SIM	7-1-20	7-3-20	
bis(2-Ethylhexyl)phthalate	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
Di-n-octylphthalate	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
Benzo[b]fluoranthene	**0.089**	0.016	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo(j,k)fluoranthene	**0.027**	0.016	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[a]pyrene	**0.088**	0.016	EPA 8270E/SIM	7-1-20	7-3-20	
Indeno[1,2,3-cd]pyrene	**0.050**	0.016	EPA 8270E/SIM	7-1-20	7-3-20	
Dibenz[a,h]anthracene	**0.017**	0.016	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[g,h,i]perylene	**0.067**	0.016	EPA 8270E/SIM	7-1-20	7-3-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*69*	*22 - 109*				
Phenol-d6	*78*	*36 - 110*				
Nitrobenzene-d5	*80*	*31 - 109*				
2-Fluorobiphenyl	*79*	*45 - 107*				
2,4,6-Tribromophenol	*76*	*43 - 124*				
Terphenyl-d14	*76*	*52 - 118*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-02-3**					
Laboratory ID:	06-338-03					
Naphthalene	**ND**	0.0075	EPA 8270E/SIM	7-1-20	7-2-20	
2-Methylnaphthalene	**ND**	0.0075	EPA 8270E/SIM	7-1-20	7-2-20	
1-Methylnaphthalene	**ND**	0.0075	EPA 8270E/SIM	7-1-20	7-2-20	
Acenaphthylene	**ND**	0.0075	EPA 8270E/SIM	7-1-20	7-2-20	
Acenaphthene	**ND**	0.0075	EPA 8270E/SIM	7-1-20	7-2-20	
Fluorene	**ND**	0.0075	EPA 8270E/SIM	7-1-20	7-2-20	
Phenanthrene	**ND**	0.0075	EPA 8270E/SIM	7-1-20	7-2-20	
Anthracene	**ND**	0.0075	EPA 8270E/SIM	7-1-20	7-2-20	
Fluoranthene	**ND**	0.0075	EPA 8270E/SIM	7-1-20	7-2-20	
Pyrene	**ND**	0.0075	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[a]anthracene	**ND**	0.0075	EPA 8270E/SIM	7-1-20	7-2-20	
Chrysene	**ND**	0.0075	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[b]fluoranthene	**ND**	0.0075	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo(j,k)fluoranthene	**ND**	0.0075	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[a]pyrene	**ND**	0.0075	EPA 8270E/SIM	7-1-20	7-2-20	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0075	EPA 8270E/SIM	7-1-20	7-2-20	
Dibenz[a,h]anthracene	**ND**	0.0075	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[g,h,i]perylene	**ND**	0.0075	EPA 8270E/SIM	7-1-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*83*	*46 - 113*				
Pyrene-d10	*95*	*45 - 114*				
Terphenyl-d14	*97*	*49 - 121*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-01-3**					
Laboratory ID:	06-338-04					
Naphthalene	**ND**	0.0069	EPA 8270E/SIM	7-1-20	7-2-20	
2-Methylnaphthalene	**ND**	0.0069	EPA 8270E/SIM	7-1-20	7-2-20	
1-Methylnaphthalene	**ND**	0.0069	EPA 8270E/SIM	7-1-20	7-2-20	
Acenaphthylene	**ND**	0.0069	EPA 8270E/SIM	7-1-20	7-2-20	
Acenaphthene	**ND**	0.0069	EPA 8270E/SIM	7-1-20	7-2-20	
Fluorene	**ND**	0.0069	EPA 8270E/SIM	7-1-20	7-2-20	
Phenanthrene	**ND**	0.0069	EPA 8270E/SIM	7-1-20	7-2-20	
Anthracene	**ND**	0.0069	EPA 8270E/SIM	7-1-20	7-2-20	
Fluoranthene	**ND**	0.0069	EPA 8270E/SIM	7-1-20	7-2-20	
Pyrene	**ND**	0.0069	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[a]anthracene	**ND**	0.0069	EPA 8270E/SIM	7-1-20	7-2-20	
Chrysene	**ND**	0.0069	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[b]fluoranthene	**ND**	0.0069	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo(j,k)fluoranthene	**ND**	0.0069	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[a]pyrene	**ND**	0.0069	EPA 8270E/SIM	7-1-20	7-2-20	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0069	EPA 8270E/SIM	7-1-20	7-2-20	
Dibenz[a,h]anthracene	**ND**	0.0069	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[g,h,i]perylene	**ND**	0.0069	EPA 8270E/SIM	7-1-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*92*	*46 - 113*				
Pyrene-d10	*95*	*45 - 114*				
Terphenyl-d14	*99*	*49 - 121*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-04-3**					
Laboratory ID:	06-338-05					
Naphthalene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
2-Methylnaphthalene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
1-Methylnaphthalene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Acenaphthylene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Acenaphthene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Fluorene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Phenanthrene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Anthracene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Fluoranthene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Pyrene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[a]anthracene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Chrysene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[b]fluoranthene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo(j,k)fluoranthene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[a]pyrene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Dibenz[a,h]anthracene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[g,h,i]perylene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*84*	*46 - 113*				
Pyrene-d10	*94*	*45 - 114*				
Terphenyl-d14	*97*	*49 - 121*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-05-3**					
Laboratory ID:	06-338-06					
Naphthalene	**ND**	0.0078	EPA 8270E/SIM	7-1-20	7-2-20	
2-Methylnaphthalene	**ND**	0.0078	EPA 8270E/SIM	7-1-20	7-2-20	
1-Methylnaphthalene	**ND**	0.0078	EPA 8270E/SIM	7-1-20	7-2-20	
Acenaphthylene	**ND**	0.0078	EPA 8270E/SIM	7-1-20	7-2-20	
Acenaphthene	**ND**	0.0078	EPA 8270E/SIM	7-1-20	7-2-20	
Fluorene	**ND**	0.0078	EPA 8270E/SIM	7-1-20	7-2-20	
Phenanthrene	**ND**	0.0078	EPA 8270E/SIM	7-1-20	7-2-20	
Anthracene	**ND**	0.0078	EPA 8270E/SIM	7-1-20	7-2-20	
Fluoranthene	**ND**	0.0078	EPA 8270E/SIM	7-1-20	7-2-20	
Pyrene	**ND**	0.0078	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[a]anthracene	**ND**	0.0078	EPA 8270E/SIM	7-1-20	7-2-20	
Chrysene	**ND**	0.0078	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[b]fluoranthene	**ND**	0.0078	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo(j,k)fluoranthene	**ND**	0.0078	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[a]pyrene	**ND**	0.0078	EPA 8270E/SIM	7-1-20	7-2-20	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0078	EPA 8270E/SIM	7-1-20	7-2-20	
Dibenz[a,h]anthracene	**ND**	0.0078	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[g,h,i]perylene	**ND**	0.0078	EPA 8270E/SIM	7-1-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*91*	*46 - 113*				
Pyrene-d10	*96*	*45 - 114*				
Terphenyl-d14	*100*	*49 - 121*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-08-3**					
Laboratory ID:	06-338-08					
Naphthalene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
2-Methylnaphthalene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
1-Methylnaphthalene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Acenaphthylene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Acenaphthene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Fluorene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Phenanthrene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Anthracene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Fluoranthene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Pyrene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[a]anthracene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Chrysene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[b]fluoranthene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo(j,k)fluoranthene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[a]pyrene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Dibenz[a,h]anthracene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[g,h,i]perylene	**ND**	0.0077	EPA 8270E/SIM	7-1-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*92*	*46 - 113*				
Pyrene-d10	*98*	*45 - 114*				
Terphenyl-d14	*101*	*49 - 121*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-10-3**					
Laboratory ID:	06-338-10					
Naphthalene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
2-Methylnaphthalene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
1-Methylnaphthalene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Acenaphthylene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Acenaphthene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Fluorene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Phenanthrene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Anthracene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Fluoranthene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Pyrene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[a]anthracene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Chrysene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[b]fluoranthene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo(j,k)fluoranthene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[a]pyrene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Dibenz[a,h]anthracene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[g,h,i]perylene	**ND**	0.0076	EPA 8270E/SIM	7-1-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*90*	*46 - 113*				
Pyrene-d10	*98*	*45 - 114*				
Terphenyl-d14	*101*	*49 - 121*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-07-1**					
Laboratory ID:	06-338-14					
Naphthalene	**ND**	0.0091	EPA 8270E/SIM	7-1-20	7-2-20	
2-Methylnaphthalene	**ND**	0.0091	EPA 8270E/SIM	7-1-20	7-2-20	
1-Methylnaphthalene	**ND**	0.0091	EPA 8270E/SIM	7-1-20	7-2-20	
Acenaphthylene	**ND**	0.0091	EPA 8270E/SIM	7-1-20	7-2-20	
Acenaphthene	**ND**	0.0091	EPA 8270E/SIM	7-1-20	7-2-20	
Fluorene	**ND**	0.0091	EPA 8270E/SIM	7-1-20	7-2-20	
Phenanthrene	**ND**	0.0091	EPA 8270E/SIM	7-1-20	7-2-20	
Anthracene	**ND**	0.0091	EPA 8270E/SIM	7-1-20	7-2-20	
Fluoranthene	**ND**	0.0091	EPA 8270E/SIM	7-1-20	7-2-20	
Pyrene	**ND**	0.0091	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[a]anthracene	**ND**	0.0091	EPA 8270E/SIM	7-1-20	7-2-20	
Chrysene	**ND**	0.0091	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[b]fluoranthene	**ND**	0.0091	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo(j,k)fluoranthene	**ND**	0.0091	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[a]pyrene	**ND**	0.0091	EPA 8270E/SIM	7-1-20	7-2-20	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0091	EPA 8270E/SIM	7-1-20	7-2-20	
Dibenz[a,h]anthracene	**ND**	0.0091	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[g,h,i]perylene	**ND**	0.0091	EPA 8270E/SIM	7-1-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*81*	*46 - 113*				
Pyrene-d10	*93*	*45 - 114*				
Terphenyl-d14	*95*	*49 - 121*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-01-20**					
Laboratory ID:	06-338-01					
Aroclor 1016	**ND**	0.061	EPA 8082A	7-1-20	7-8-20	X
Aroclor 1221	**ND**	0.061	EPA 8082A	7-1-20	7-8-20	X
Aroclor 1232	**ND**	0.061	EPA 8082A	7-1-20	7-8-20	X
Aroclor 1242	**ND**	0.061	EPA 8082A	7-1-20	7-8-20	X
Aroclor 1248	**ND**	0.061	EPA 8082A	7-1-20	7-8-20	X
Aroclor 1254	**ND**	0.061	EPA 8082A	7-1-20	7-8-20	X
Aroclor 1260	**ND**	0.061	EPA 8082A	7-1-20	7-8-20	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*102*	*46-125*				
Client ID:	**Fill-03-3**					
Laboratory ID:	06-338-02					
Aroclor 1016	**ND**	0.054	EPA 8082A	7-1-20	7-1-20	
Aroclor 1221	**ND**	0.054	EPA 8082A	7-1-20	7-1-20	
Aroclor 1232	**ND**	0.054	EPA 8082A	7-1-20	7-1-20	
Aroclor 1242	**ND**	0.054	EPA 8082A	7-1-20	7-1-20	
Aroclor 1248	**ND**	0.054	EPA 8082A	7-1-20	7-1-20	
Aroclor 1254	**ND**	0.054	EPA 8082A	7-1-20	7-1-20	
Aroclor 1260	**ND**	0.054	EPA 8082A	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*87*	*46-125*				
Client ID:	**Fill-02-3**					
Laboratory ID:	06-338-03					
Aroclor 1016	**ND**	0.056	EPA 8082A	7-1-20	7-1-20	
Aroclor 1221	**ND**	0.056	EPA 8082A	7-1-20	7-1-20	
Aroclor 1232	**ND**	0.056	EPA 8082A	7-1-20	7-1-20	
Aroclor 1242	**ND**	0.056	EPA 8082A	7-1-20	7-1-20	
Aroclor 1248	**ND**	0.056	EPA 8082A	7-1-20	7-1-20	
Aroclor 1254	**ND**	0.056	EPA 8082A	7-1-20	7-1-20	
Aroclor 1260	**ND**	0.056	EPA 8082A	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*104*	*46-125*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-01-3**					
Laboratory ID:	06-338-04					
Aroclor 1016	**ND**	0.052	EPA 8082A	7-1-20	7-1-20	
Aroclor 1221	**ND**	0.052	EPA 8082A	7-1-20	7-1-20	
Aroclor 1232	**ND**	0.052	EPA 8082A	7-1-20	7-1-20	
Aroclor 1242	**ND**	0.052	EPA 8082A	7-1-20	7-1-20	
Aroclor 1248	**ND**	0.052	EPA 8082A	7-1-20	7-1-20	
Aroclor 1254	**ND**	0.052	EPA 8082A	7-1-20	7-1-20	
Aroclor 1260	**ND**	0.052	EPA 8082A	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*91*	*46-125*				
Client ID:	**Fill-04-3**					
Laboratory ID:	06-338-05					
Aroclor 1016	**ND**	0.057	EPA 8082A	7-1-20	7-1-20	
Aroclor 1221	**ND**	0.057	EPA 8082A	7-1-20	7-1-20	
Aroclor 1232	**ND**	0.057	EPA 8082A	7-1-20	7-1-20	
Aroclor 1242	**ND**	0.057	EPA 8082A	7-1-20	7-1-20	
Aroclor 1248	**ND**	0.057	EPA 8082A	7-1-20	7-1-20	
Aroclor 1254	**ND**	0.057	EPA 8082A	7-1-20	7-1-20	
Aroclor 1260	**ND**	0.057	EPA 8082A	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*95*	*46-125*				
Client ID:	**Fill-05-3**					
Laboratory ID:	06-338-06					
Aroclor 1016	**ND**	0.059	EPA 8082A	7-1-20	7-1-20	
Aroclor 1221	**ND**	0.059	EPA 8082A	7-1-20	7-1-20	
Aroclor 1232	**ND**	0.059	EPA 8082A	7-1-20	7-1-20	
Aroclor 1242	**ND**	0.059	EPA 8082A	7-1-20	7-1-20	
Aroclor 1248	**ND**	0.059	EPA 8082A	7-1-20	7-1-20	
Aroclor 1254	**ND**	0.059	EPA 8082A	7-1-20	7-1-20	
Aroclor 1260	**ND**	0.059	EPA 8082A	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*85*	*46-125*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-06-3**					
Laboratory ID:	06-338-07					
Aroclor 1016	**ND**	0.060	EPA 8082A	7-1-20	7-1-20	
Aroclor 1221	**ND**	0.060	EPA 8082A	7-1-20	7-1-20	
Aroclor 1232	**ND**	0.060	EPA 8082A	7-1-20	7-1-20	
Aroclor 1242	**ND**	0.060	EPA 8082A	7-1-20	7-1-20	
Aroclor 1248	**ND**	0.060	EPA 8082A	7-1-20	7-1-20	
Aroclor 1254	**ND**	0.060	EPA 8082A	7-1-20	7-1-20	
Aroclor 1260	**ND**	0.060	EPA 8082A	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*88*	*46-125*				
Client ID:	**Fill-08-3**					
Laboratory ID:	06-338-08					
Aroclor 1016	**ND**	0.058	EPA 8082A	7-1-20	7-1-20	
Aroclor 1221	**ND**	0.058	EPA 8082A	7-1-20	7-1-20	
Aroclor 1232	**ND**	0.058	EPA 8082A	7-1-20	7-1-20	
Aroclor 1242	**ND**	0.058	EPA 8082A	7-1-20	7-1-20	
Aroclor 1248	**ND**	0.058	EPA 8082A	7-1-20	7-1-20	
Aroclor 1254	**ND**	0.058	EPA 8082A	7-1-20	7-1-20	
Aroclor 1260	**ND**	0.058	EPA 8082A	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*87*	*46-125*				
Client ID:	**Fill-09-3**					
Laboratory ID:	06-338-09					
Aroclor 1016	**ND**	0.057	EPA 8082A	7-1-20	7-1-20	
Aroclor 1221	**ND**	0.057	EPA 8082A	7-1-20	7-1-20	
Aroclor 1232	**ND**	0.057	EPA 8082A	7-1-20	7-1-20	
Aroclor 1242	**ND**	0.057	EPA 8082A	7-1-20	7-1-20	
Aroclor 1248	**ND**	0.057	EPA 8082A	7-1-20	7-1-20	
Aroclor 1254	**ND**	0.057	EPA 8082A	7-1-20	7-1-20	
Aroclor 1260	**ND**	0.057	EPA 8082A	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*81*	*46-125*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-10-3**					
Laboratory ID:	06-338-10					
Aroclor 1016	**ND**	0.057	EPA 8082A	7-1-20	7-1-20	
Aroclor 1221	**ND**	0.057	EPA 8082A	7-1-20	7-1-20	
Aroclor 1232	**ND**	0.057	EPA 8082A	7-1-20	7-1-20	
Aroclor 1242	**ND**	0.057	EPA 8082A	7-1-20	7-1-20	
Aroclor 1248	**ND**	0.057	EPA 8082A	7-1-20	7-1-20	
Aroclor 1254	**ND**	0.057	EPA 8082A	7-1-20	7-1-20	
Aroclor 1260	**ND**	0.057	EPA 8082A	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*89*	*46-125*				
Client ID:	**STP-07-15**					
Laboratory ID:	06-338-11					
Aroclor 1016	**ND**	0.055	EPA 8082A	7-1-20	7-1-20	
Aroclor 1221	**ND**	0.055	EPA 8082A	7-1-20	7-1-20	
Aroclor 1232	**ND**	0.055	EPA 8082A	7-1-20	7-1-20	
Aroclor 1242	**ND**	0.055	EPA 8082A	7-1-20	7-1-20	
Aroclor 1248	**ND**	0.055	EPA 8082A	7-1-20	7-1-20	
Aroclor 1254	**ND**	0.055	EPA 8082A	7-1-20	7-1-20	
Aroclor 1260	**ND**	0.055	EPA 8082A	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*96*	*46-125*				
Client ID:	**STP-09-2**					
Laboratory ID:	06-338-12					
Aroclor 1016	**ND**	0.066	EPA 8082A	7-1-20	7-1-20	
Aroclor 1221	**ND**	0.066	EPA 8082A	7-1-20	7-1-20	
Aroclor 1232	**ND**	0.066	EPA 8082A	7-1-20	7-1-20	
Aroclor 1242	**ND**	0.066	EPA 8082A	7-1-20	7-1-20	
Aroclor 1248	**ND**	0.066	EPA 8082A	7-1-20	7-1-20	
Aroclor 1254	**ND**	0.066	EPA 8082A	7-1-20	7-1-20	
Aroclor 1260	**ND**	0.066	EPA 8082A	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*94*	*46-125*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-07-1**					
Laboratory ID:	06-338-14					
Aroclor 1016	**ND**	0.068	EPA 8082A	7-1-20	7-1-20	
Aroclor 1221	**ND**	0.068	EPA 8082A	7-1-20	7-1-20	
Aroclor 1232	**ND**	0.068	EPA 8082A	7-1-20	7-1-20	
Aroclor 1242	**ND**	0.068	EPA 8082A	7-1-20	7-1-20	
Aroclor 1248	**ND**	0.068	EPA 8082A	7-1-20	7-1-20	
Aroclor 1254	**ND**	0.068	EPA 8082A	7-1-20	7-1-20	
Aroclor 1260	**ND**	0.068	EPA 8082A	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*87*	*46-125*				
Client ID:	**Dup-1-200629**					
Laboratory ID:	06-338-15					
Aroclor 1016	**ND**	0.061	EPA 8082A	7-1-20	7-8-20	X
Aroclor 1221	**ND**	0.061	EPA 8082A	7-1-20	7-8-20	X
Aroclor 1232	**ND**	0.061	EPA 8082A	7-1-20	7-8-20	X
Aroclor 1242	**ND**	0.061	EPA 8082A	7-1-20	7-8-20	X
Aroclor 1248	**ND**	0.061	EPA 8082A	7-1-20	7-8-20	X
Aroclor 1254	**ND**	0.061	EPA 8082A	7-1-20	7-8-20	X
Aroclor 1260	**ND**	0.061	EPA 8082A	7-1-20	7-8-20	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*102*	*46-125*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

ORGANOCHLORINE PESTICIDES EPA 8081B

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-01-20**					
Laboratory ID:	06-338-01					
alpha-BHC	**ND**	6.1	EPA 8081B	7-1-20	7-8-20	X
gamma-BHC	**ND**	6.1	EPA 8081B	7-1-20	7-8-20	X
beta-BHC	**ND**	6.1	EPA 8081B	7-1-20	7-8-20	X
delta-BHC	**ND**	6.1	EPA 8081B	7-1-20	7-8-20	X
Heptachlor	**ND**	6.1	EPA 8081B	7-1-20	7-8-20	X
Aldrin	**ND**	6.1	EPA 8081B	7-1-20	7-8-20	X
Heptachlor Epoxide	**ND**	6.1	EPA 8081B	7-1-20	7-8-20	X
gamma-Chlordane	**ND**	6.1	EPA 8081B	7-1-20	7-8-20	X
alpha-Chlordane	**ND**	12	EPA 8081B	7-1-20	7-8-20	X
4,4'-DDE	**59**	12	EPA 8081B	7-1-20	7-8-20	X
Endosulfan I	**ND**	6.1	EPA 8081B	7-1-20	7-8-20	X
Dieldrin	**ND**	12	EPA 8081B	7-1-20	7-8-20	X
Endrin	**ND**	6.1	EPA 8081B	7-1-20	7-8-20	X
4,4'-DDD	**ND**	12	EPA 8081B	7-1-20	7-8-20	X
Endosulfan II	**ND**	12	EPA 8081B	7-1-20	7-8-20	X
4,4'-DDT	**ND**	12	EPA 8081B	7-1-20	7-8-20	X
Endrin Aldehyde	**ND**	12	EPA 8081B	7-1-20	7-8-20	X
Methoxychlor	**ND**	12	EPA 8081B	7-1-20	7-8-20	X
Endosulfan Sulfate	**ND**	12	EPA 8081B	7-1-20	7-8-20	X
Endrin Ketone	**ND**	12	EPA 8081B	7-1-20	7-8-20	X
Toxaphene	**ND**	61	EPA 8081B	7-1-20	7-8-20	X
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*75*	*33-97*				
DCB	*80*	*36-115*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

ORGANOCHLORINE PESTICIDES EPA 8081B

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-03-3**					
Laboratory ID:	06-338-02					
alpha-BHC	**ND**	5.4	EPA 8081B	7-1-20	7-2-20	
gamma-BHC	**ND**	5.4	EPA 8081B	7-1-20	7-2-20	
beta-BHC	**ND**	5.4	EPA 8081B	7-1-20	7-2-20	
delta-BHC	**ND**	5.4	EPA 8081B	7-1-20	7-2-20	
Heptachlor	**ND**	5.4	EPA 8081B	7-1-20	7-2-20	
Aldrin	**ND**	5.4	EPA 8081B	7-1-20	7-2-20	
Heptachlor Epoxide	**ND**	5.4	EPA 8081B	7-1-20	7-2-20	
gamma-Chlordane	**ND**	5.4	EPA 8081B	7-1-20	7-2-20	
alpha-Chlordane	**ND**	11	EPA 8081B	7-1-20	7-2-20	
4,4'-DDE	**ND**	11	EPA 8081B	7-1-20	7-2-20	
Endosulfan I	**ND**	5.4	EPA 8081B	7-1-20	7-2-20	
Dieldrin	**ND**	11	EPA 8081B	7-1-20	7-2-20	
Endrin	**ND**	5.4	EPA 8081B	7-1-20	7-2-20	
4,4'-DDD	**ND**	11	EPA 8081B	7-1-20	7-2-20	
Endosulfan II	**ND**	11	EPA 8081B	7-1-20	7-2-20	
4,4'-DDT	**ND**	11	EPA 8081B	7-1-20	7-2-20	
Endrin Aldehyde	**ND**	11	EPA 8081B	7-1-20	7-2-20	
Methoxychlor	**ND**	11	EPA 8081B	7-1-20	7-2-20	
Endosulfan Sulfate	**ND**	11	EPA 8081B	7-1-20	7-2-20	
Endrin Ketone	**ND**	11	EPA 8081B	7-1-20	7-2-20	
Toxaphene	**ND**	54	EPA 8081B	7-1-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*78*	*33-97*				
DCB	*90*	*36-115*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

ORGANOCHLORINE PESTICIDES EPA 8081B

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-06-3**					
Laboratory ID:	06-338-07					
alpha-BHC	**ND**	6.0	EPA 8081B	7-1-20	7-2-20	
gamma-BHC	**ND**	6.0	EPA 8081B	7-1-20	7-2-20	
beta-BHC	**ND**	6.0	EPA 8081B	7-1-20	7-2-20	
delta-BHC	**ND**	6.0	EPA 8081B	7-1-20	7-2-20	
Heptachlor	**ND**	6.0	EPA 8081B	7-1-20	7-2-20	
Aldrin	**ND**	6.0	EPA 8081B	7-1-20	7-2-20	
Heptachlor Epoxide	**ND**	6.0	EPA 8081B	7-1-20	7-2-20	
gamma-Chlordane	**ND**	6.0	EPA 8081B	7-1-20	7-2-20	
alpha-Chlordane	**ND**	12	EPA 8081B	7-1-20	7-2-20	
4,4'-DDE	**ND**	12	EPA 8081B	7-1-20	7-2-20	
Endosulfan I	**ND**	6.0	EPA 8081B	7-1-20	7-2-20	
Dieldrin	**ND**	12	EPA 8081B	7-1-20	7-2-20	
Endrin	**ND**	6.0	EPA 8081B	7-1-20	7-2-20	
4,4'-DDD	**ND**	12	EPA 8081B	7-1-20	7-2-20	
Endosulfan II	**ND**	12	EPA 8081B	7-1-20	7-2-20	
4,4'-DDT	**ND**	12	EPA 8081B	7-1-20	7-2-20	
Endrin Aldehyde	**ND**	12	EPA 8081B	7-1-20	7-2-20	
Methoxychlor	**ND**	12	EPA 8081B	7-1-20	7-2-20	
Endosulfan Sulfate	**ND**	12	EPA 8081B	7-1-20	7-2-20	
Endrin Ketone	**ND**	12	EPA 8081B	7-1-20	7-2-20	
Toxaphene	**ND**	60	EPA 8081B	7-1-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*76*	*33-97*				
DCB	*95*	*36-115*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

ORGANOCHLORINE PESTICIDES EPA 8081B

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-09-3**					
Laboratory ID:	06-338-09					
alpha-BHC	**ND**	5.7	EPA 8081B	7-1-20	7-2-20	
gamma-BHC	**ND**	5.7	EPA 8081B	7-1-20	7-2-20	
beta-BHC	**ND**	5.7	EPA 8081B	7-1-20	7-2-20	
delta-BHC	**ND**	5.7	EPA 8081B	7-1-20	7-2-20	
Heptachlor	**ND**	5.7	EPA 8081B	7-1-20	7-2-20	
Aldrin	**ND**	5.7	EPA 8081B	7-1-20	7-2-20	
Heptachlor Epoxide	**ND**	5.7	EPA 8081B	7-1-20	7-2-20	
gamma-Chlordane	**ND**	5.7	EPA 8081B	7-1-20	7-2-20	
alpha-Chlordane	**ND**	11	EPA 8081B	7-1-20	7-2-20	
4,4'-DDE	**ND**	11	EPA 8081B	7-1-20	7-2-20	
Endosulfan I	**ND**	5.7	EPA 8081B	7-1-20	7-2-20	
Dieldrin	**ND**	11	EPA 8081B	7-1-20	7-2-20	
Endrin	**ND**	5.7	EPA 8081B	7-1-20	7-2-20	
4,4'-DDD	**ND**	11	EPA 8081B	7-1-20	7-2-20	
Endosulfan II	**ND**	11	EPA 8081B	7-1-20	7-2-20	
4,4'-DDT	**ND**	11	EPA 8081B	7-1-20	7-2-20	
Endrin Aldehyde	**ND**	11	EPA 8081B	7-1-20	7-2-20	
Methoxychlor	**ND**	11	EPA 8081B	7-1-20	7-2-20	
Endosulfan Sulfate	**ND**	11	EPA 8081B	7-1-20	7-2-20	
Endrin Ketone	**ND**	11	EPA 8081B	7-1-20	7-2-20	
Toxaphene	**ND**	57	EPA 8081B	7-1-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*78*	*33-97*				
DCB	*91*	*36-115*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

ORGANOCHLORINE PESTICIDES EPA 8081B

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-07-15**					
Laboratory ID:	06-338-11					
alpha-BHC	**ND**	5.5	EPA 8081B	7-1-20	7-8-20	
gamma-BHC	**ND**	5.5	EPA 8081B	7-1-20	7-8-20	
beta-BHC	**ND**	5.5	EPA 8081B	7-1-20	7-8-20	
delta-BHC	**ND**	5.5	EPA 8081B	7-1-20	7-8-20	
Heptachlor	**ND**	5.5	EPA 8081B	7-1-20	7-8-20	
Aldrin	**ND**	5.5	EPA 8081B	7-1-20	7-8-20	
Heptachlor Epoxide	**ND**	5.5	EPA 8081B	7-1-20	7-8-20	
gamma-Chlordane	**10**	5.5	EPA 8081B	7-1-20	7-8-20	
alpha-Chlordane	**ND**	11	EPA 8081B	7-1-20	7-8-20	
4,4'-DDE	**ND**	11	EPA 8081B	7-1-20	7-8-20	
Endosulfan I	**ND**	5.5	EPA 8081B	7-1-20	7-8-20	
Dieldrin	**ND**	11	EPA 8081B	7-1-20	7-8-20	
Endrin	**ND**	5.5	EPA 8081B	7-1-20	7-8-20	
4,4'-DDD	**ND**	11	EPA 8081B	7-1-20	7-8-20	
Endosulfan II	**ND**	11	EPA 8081B	7-1-20	7-8-20	
4,4'-DDT	**ND**	11	EPA 8081B	7-1-20	7-8-20	
Endrin Aldehyde	**ND**	11	EPA 8081B	7-1-20	7-8-20	
Methoxychlor	**ND**	11	EPA 8081B	7-1-20	7-8-20	
Endosulfan Sulfate	**ND**	11	EPA 8081B	7-1-20	7-8-20	
Endrin Ketone	**ND**	11	EPA 8081B	7-1-20	7-8-20	
Toxaphene	**ND**	55	EPA 8081B	7-1-20	7-8-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*69*	*33-97*				
DCB	*67*	*36-115*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

ORGANOCHLORINE PESTICIDES EPA 8081B

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-09-2**					
Laboratory ID:	06-338-12					
alpha-BHC	**ND**	6.6	EPA 8081B	7-1-20	7-8-20	
gamma-BHC	**ND**	6.6	EPA 8081B	7-1-20	7-8-20	
beta-BHC	**ND**	6.6	EPA 8081B	7-1-20	7-8-20	
delta-BHC	**ND**	6.6	EPA 8081B	7-1-20	7-8-20	
Heptachlor	**ND**	6.6	EPA 8081B	7-1-20	7-8-20	
Aldrin	**ND**	6.6	EPA 8081B	7-1-20	7-8-20	
Heptachlor Epoxide	**ND**	6.6	EPA 8081B	7-1-20	7-8-20	
gamma-Chlordane	**ND**	6.6	EPA 8081B	7-1-20	7-8-20	
alpha-Chlordane	**ND**	13	EPA 8081B	7-1-20	7-8-20	
4,4'-DDE	**ND**	13	EPA 8081B	7-1-20	7-8-20	
Endosulfan I	**ND**	6.6	EPA 8081B	7-1-20	7-8-20	
Dieldrin	**ND**	13	EPA 8081B	7-1-20	7-8-20	
Endrin	**ND**	6.6	EPA 8081B	7-1-20	7-8-20	
4,4'-DDD	**ND**	13	EPA 8081B	7-1-20	7-8-20	
Endosulfan II	**ND**	13	EPA 8081B	7-1-20	7-8-20	
4,4'-DDT	**ND**	13	EPA 8081B	7-1-20	7-8-20	
Endrin Aldehyde	**ND**	13	EPA 8081B	7-1-20	7-8-20	
Methoxychlor	**ND**	13	EPA 8081B	7-1-20	7-8-20	
Endosulfan Sulfate	**ND**	13	EPA 8081B	7-1-20	7-8-20	
Endrin Ketone	**ND**	13	EPA 8081B	7-1-20	7-8-20	
Toxaphene	**ND**	66	EPA 8081B	7-1-20	7-8-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*70*	*33-97*				
DCB	*75*	*36-115*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

ORGANOCHLORINE PESTICIDES EPA 8081B

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Dup-1-200629**					
Laboratory ID:	06-338-15					
alpha-BHC	**ND**	6.1	EPA 8081B	7-1-20	7-8-20	X
gamma-BHC	**ND**	6.1	EPA 8081B	7-1-20	7-8-20	X
beta-BHC	**ND**	6.1	EPA 8081B	7-1-20	7-8-20	X
delta-BHC	**ND**	6.1	EPA 8081B	7-1-20	7-8-20	X
Heptachlor	**ND**	6.1	EPA 8081B	7-1-20	7-8-20	X
Aldrin	**ND**	6.1	EPA 8081B	7-1-20	7-8-20	X
Heptachlor Epoxide	**ND**	6.1	EPA 8081B	7-1-20	7-8-20	X
gamma-Chlordane	**ND**	6.1	EPA 8081B	7-1-20	7-8-20	X
alpha-Chlordane	**ND**	12	EPA 8081B	7-1-20	7-8-20	X
4,4'-DDE	**31**	12	EPA 8081B	7-1-20	7-8-20	X
Endosulfan I	**ND**	6.1	EPA 8081B	7-1-20	7-8-20	X
Dieldrin	**ND**	12	EPA 8081B	7-1-20	7-8-20	X
Endrin	**ND**	6.1	EPA 8081B	7-1-20	7-8-20	X
4,4'-DDD	**ND**	12	EPA 8081B	7-1-20	7-8-20	X
Endosulfan II	**ND**	12	EPA 8081B	7-1-20	7-8-20	X
4,4'-DDT	**ND**	12	EPA 8081B	7-1-20	7-8-20	X
Endrin Aldehyde	**ND**	12	EPA 8081B	7-1-20	7-8-20	X
Methoxychlor	**ND**	12	EPA 8081B	7-1-20	7-8-20	X
Endosulfan Sulfate	**ND**	12	EPA 8081B	7-1-20	7-8-20	X
Endrin Ketone	**ND**	12	EPA 8081B	7-1-20	7-8-20	X
Toxaphene	**ND**	61	EPA 8081B	7-1-20	7-8-20	X
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*65*	*33-97*				
DCB	*75*	*36-115*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

CHLORINATED ACID HERBICIDES EPA 8151A

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-01-20**					
Laboratory ID:	06-338-01					
Dalapon	**ND**	220	EPA 8151A	7-3-20	7-9-20	X
Dicamba	**ND**	11	EPA 8151A	7-3-20	7-9-20	X
MCPP	**ND**	1100	EPA 8151A	7-3-20	7-9-20	X
MCPA	**ND**	2800	EPA 8151A	7-3-20	7-9-20	X
Dichlorprop	**ND**	86	EPA 8151A	7-3-20	7-9-20	X
2,4-D	**ND**	11	EPA 8151A	7-3-20	7-9-20	X
Pentachlorophenol	**54**	5.8	EPA 8151A	7-3-20	7-9-20	X
2,4,5-TP (Silvex)	**ND**	12	EPA 8151A	7-3-20	7-9-20	X
2,4,5-T	**ND**	12	EPA 8151A	7-3-20	7-9-20	X
2,4-DB	**ND**	11	EPA 8151A	7-3-20	7-9-20	X
Dinoseb	**ND**	11	EPA 8151A	7-3-20	7-9-20	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCAA	*111*	*18-119*				
Client ID:	**Fill-03-3**					
Laboratory ID:	06-338-02					
Dalapon	**ND**	200	EPA 8151A	7-3-20	7-3-20	
Dicamba	**ND**	10	EPA 8151A	7-3-20	7-3-20	
MCPP	**ND**	1000	EPA 8151A	7-3-20	7-3-20	
MCPA	**ND**	2500	EPA 8151A	7-3-20	7-3-20	
Dichlorprop	**ND**	77	EPA 8151A	7-3-20	7-3-20	
2,4-D	**ND**	10	EPA 8151A	7-3-20	7-3-20	
Pentachlorophenol	**ND**	5.1	EPA 8151A	7-3-20	7-3-20	
2,4,5-TP (Silvex)	**ND**	10	EPA 8151A	7-3-20	7-3-20	
2,4,5-T	**ND**	10	EPA 8151A	7-3-20	7-3-20	
2,4-DB	**ND**	10	EPA 8151A	7-3-20	7-3-20	
Dinoseb	**ND**	10	EPA 8151A	7-3-20	7-3-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCAA	*57*	*18-119*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

CHLORINATED ACID HERBICIDES EPA 8151A

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-06-3**					
Laboratory ID:	06-338-07					
Dalapon	**ND**	220	EPA 8151A	7-3-20	7-3-20	
Dicamba	**ND**	11	EPA 8151A	7-3-20	7-3-20	
MCPP	**ND**	1100	EPA 8151A	7-3-20	7-3-20	
MCPA	**ND**	2800	EPA 8151A	7-3-20	7-3-20	
Dichlorprop	**ND**	84	EPA 8151A	7-3-20	7-3-20	
2,4-D	**ND**	11	EPA 8151A	7-3-20	7-3-20	
Pentachlorophenol	**ND**	5.7	EPA 8151A	7-3-20	7-3-20	
2,4,5-TP (Silvex)	**ND**	11	EPA 8151A	7-3-20	7-3-20	
2,4,5-T	**ND**	11	EPA 8151A	7-3-20	7-3-20	
2,4-DB	**ND**	11	EPA 8151A	7-3-20	7-3-20	
Dinoseb	**ND**	11	EPA 8151A	7-3-20	7-3-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCAA	*78*	*18-119*				
Client ID:	**Fill-09-3**					
Laboratory ID:	06-338-09					
Dalapon	**ND**	210	EPA 8151A	7-3-20	7-7-20	
Dicamba	**ND**	11	EPA 8151A	7-3-20	7-7-20	
MCPP	**ND**	1100	EPA 8151A	7-3-20	7-7-20	
MCPA	**ND**	2700	EPA 8151A	7-3-20	7-7-20	
Dichlorprop	**ND**	81	EPA 8151A	7-3-20	7-7-20	
2,4-D	**ND**	11	EPA 8151A	7-3-20	7-7-20	
Pentachlorophenol	**ND**	5.5	EPA 8151A	7-3-20	7-7-20	
2,4,5-TP (Silvex)	**ND**	11	EPA 8151A	7-3-20	7-7-20	
2,4,5-T	**ND**	11	EPA 8151A	7-3-20	7-7-20	
2,4-DB	**ND**	11	EPA 8151A	7-3-20	7-7-20	
Dinoseb	**ND**	11	EPA 8151A	7-3-20	7-7-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCAA	*97*	*18-119*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

CHLORINATED ACID HERBICIDES EPA 8151A

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-07-15**					
Laboratory ID:	06-338-11					
Dalapon	**ND**	200	EPA 8151A	7-3-20	7-7-20	
Dicamba	**ND**	10	EPA 8151A	7-3-20	7-7-20	
MCPP	**ND**	1000	EPA 8151A	7-3-20	7-7-20	
MCPA	**ND**	2600	EPA 8151A	7-3-20	7-7-20	
Dichlorprop	**ND**	78	EPA 8151A	7-3-20	7-7-20	
2,4-D	**ND**	10	EPA 8151A	7-3-20	7-7-20	
Pentachlorophenol	**ND**	5.2	EPA 8151A	7-3-20	7-7-20	
2,4,5-TP (Silvex)	**ND**	10	EPA 8151A	7-3-20	7-7-20	
2,4,5-T	**ND**	10	EPA 8151A	7-3-20	7-7-20	
2,4-DB	**16**	10	EPA 8151A	7-3-20	7-7-20	P
Dinoseb	**ND**	10	EPA 8151A	7-3-20	7-7-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCAA	*47*	*18-119*				
Client ID:	**STP-09-2**					
Laboratory ID:	06-338-12					
Dalapon	**ND**	240	EPA 8151A	7-3-20	7-7-20	
Dicamba	**ND**	12	EPA 8151A	7-3-20	7-7-20	
MCPP	**ND**	1200	EPA 8151A	7-3-20	7-7-20	
MCPA	**ND**	3100	EPA 8151A	7-3-20	7-7-20	
Dichlorprop	**ND**	93	EPA 8151A	7-3-20	7-7-20	
2,4-D	**ND**	12	EPA 8151A	7-3-20	7-7-20	
Pentachlorophenol	**ND**	6.3	EPA 8151A	7-3-20	7-7-20	
2,4,5-TP (Silvex)	**ND**	13	EPA 8151A	7-3-20	7-7-20	
2,4,5-T	**ND**	13	EPA 8151A	7-3-20	7-7-20	
2,4-DB	**ND**	13	EPA 8151A	7-3-20	7-7-20	
Dinoseb	**ND**	12	EPA 8151A	7-3-20	7-7-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCAA	*55*	*18-119*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

CHLORINATED ACID HERBICIDES EPA 8151A

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Dup-1-200629**					
Laboratory ID:	06-338-15					
Dalapon	**ND**	220	EPA 8151A	7-3-20	7-9-20	X
Dicamba	**ND**	11	EPA 8151A	7-3-20	7-9-20	X
MCPP	**ND**	1100	EPA 8151A	7-3-20	7-9-20	X
MCPA	**ND**	2800	EPA 8151A	7-3-20	7-9-20	X
Dichlorprop	**ND**	86	EPA 8151A	7-3-20	7-9-20	X
2,4-D	**ND**	11	EPA 8151A	7-3-20	7-9-20	X
Pentachlorophenol	**66**	5.8	EPA 8151A	7-3-20	7-9-20	X
2,4,5-TP (Silvex)	**ND**	12	EPA 8151A	7-3-20	7-9-20	X
2,4,5-T	**ND**	12	EPA 8151A	7-3-20	7-9-20	X
2,4-DB	**ND**	12	EPA 8151A	7-3-20	7-9-20	X
Dinoseb	**ND**	11	EPA 8151A	7-3-20	7-9-20	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCAA	*83*	*18-119*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

TOTAL METALS
EPA 6010D/6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-01-20**					
Laboratory ID:	06-338-01					
Arsenic	**12**	12	EPA 6010D	7-1-20	7-1-20	
Cadmium	**ND**	0.61	EPA 6010D	7-1-20	7-1-20	
Chromium	**23**	0.61	EPA 6010D	7-1-20	7-1-20	
Copper	**65**	1.2	EPA 6010D	7-1-20	7-1-20	
Lead	**130**	6.1	EPA 6010D	7-1-20	7-1-20	
Mercury	**0.22**	0.030	EPA 7471B	7-2-20	7-2-20	
Nickel	**31**	3.0	EPA 6010D	7-1-20	7-1-20	
Selenium	**ND**	0.76	EPA 6020B	7-1-20	7-10-20	
Zinc	**230**	3.0	EPA 6010D	7-1-20	7-1-20	
Client ID:	**Fill-03-3**					
Laboratory ID:	06-338-02					
Arsenic	**ND**	11	EPA 6010D	7-1-20	7-1-20	
Cadmium	**ND**	0.54	EPA 6010D	7-1-20	7-1-20	
Chromium	**19**	0.54	EPA 6010D	7-1-20	7-1-20	
Copper	**9.3**	1.1	EPA 6010D	7-1-20	7-1-20	
Lead	**ND**	5.4	EPA 6010D	7-1-20	7-1-20	
Mercury	**ND**	0.027	EPA 7471B	7-2-20	7-2-20	
Nickel	**32**	2.7	EPA 6010D	7-1-20	7-1-20	
Selenium	**ND**	0.68	EPA 6020B	7-1-20	7-10-20	
Zinc	**24**	2.7	EPA 6010D	7-1-20	7-1-20	
Client ID:	**Fill-02-3**					
Laboratory ID:	06-338-03					
Arsenic	**ND**	11	EPA 6010D	7-1-20	7-1-20	
Cadmium	**ND**	0.56	EPA 6010D	7-1-20	7-1-20	
Chromium	**22**	0.56	EPA 6010D	7-1-20	7-1-20	
Copper	**12**	1.1	EPA 6010D	7-1-20	7-1-20	
Lead	**ND**	5.6	EPA 6010D	7-1-20	7-1-20	
Mercury	**ND**	0.028	EPA 7471B	7-2-20	7-2-20	
Nickel	**40**	2.8	EPA 6010D	7-1-20	7-1-20	
Selenium	**ND**	0.70	EPA 6020B	7-1-20	7-10-20	
Zinc	**25**	2.8	EPA 6010D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

TOTAL METALS
EPA 6010D/6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-01-3**					
Laboratory ID:	06-338-04					
Arsenic	**ND**	10	EPA 6010D	7-1-20	7-1-20	
Cadmium	**ND**	0.52	EPA 6010D	7-1-20	7-1-20	
Chromium	**24**	0.52	EPA 6010D	7-1-20	7-1-20	
Copper	**11**	1.0	EPA 6010D	7-1-20	7-1-20	
Lead	**ND**	5.2	EPA 6010D	7-1-20	7-1-20	
Mercury	**ND**	0.026	EPA 7471B	7-2-20	7-2-20	
Nickel	**36**	2.6	EPA 6010D	7-1-20	7-1-20	
Selenium	**ND**	0.65	EPA 6020B	7-1-20	7-10-20	
Zinc	**19**	2.6	EPA 6010D	7-1-20	7-1-20	
Client ID:	**Fill-04-3**					
Laboratory ID:	06-338-05					
Arsenic	**ND**	11	EPA 6010D	7-1-20	7-1-20	
Cadmium	**ND**	0.57	EPA 6010D	7-1-20	7-1-20	
Chromium	**21**	0.57	EPA 6010D	7-1-20	7-1-20	
Copper	**8.5**	1.1	EPA 6010D	7-1-20	7-1-20	
Lead	**ND**	5.7	EPA 6010D	7-1-20	7-1-20	
Mercury	**ND**	0.028	EPA 7471B	7-2-20	7-2-20	
Nickel	**38**	2.8	EPA 6010D	7-1-20	7-1-20	
Selenium	**ND**	0.71	EPA 6020B	7-1-20	7-10-20	
Zinc	**22**	2.8	EPA 6010D	7-1-20	7-1-20	
Client ID:	**Fill-05-3**					
Laboratory ID:	06-338-06					
Arsenic	**ND**	12	EPA 6010D	7-1-20	7-1-20	
Cadmium	**ND**	0.59	EPA 6010D	7-1-20	7-1-20	
Chromium	**18**	0.59	EPA 6010D	7-1-20	7-1-20	
Copper	**7.8**	1.2	EPA 6010D	7-1-20	7-1-20	
Lead	**ND**	5.9	EPA 6010D	7-1-20	7-1-20	
Mercury	**ND**	0.029	EPA 7471B	7-2-20	7-2-20	
Nickel	**29**	2.9	EPA 6010D	7-1-20	7-1-20	
Selenium	**ND**	0.73	EPA 6020B	7-1-20	7-10-20	
Zinc	**19**	2.9	EPA 6010D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

TOTAL METALS
EPA 6010D/6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-06-3**					
Laboratory ID:	06-338-07					
Arsenic	**ND**	12	EPA 6010D	7-1-20	7-1-20	
Cadmium	**ND**	0.60	EPA 6010D	7-1-20	7-1-20	
Chromium	**22**	0.60	EPA 6010D	7-1-20	7-1-20	
Copper	**9.4**	1.2	EPA 6010D	7-1-20	7-1-20	
Lead	**ND**	6.0	EPA 6010D	7-1-20	7-1-20	
Mercury	**ND**	0.030	EPA 7471B	7-2-20	7-2-20	
Nickel	**36**	3.0	EPA 6010D	7-1-20	7-1-20	
Selenium	**ND**	0.75	EPA 6020B	7-1-20	7-10-20	
Zinc	**25**	3.0	EPA 6010D	7-1-20	7-1-20	
Client ID:	**Fill-08-3**					
Laboratory ID:	06-338-08					
Arsenic	**ND**	12	EPA 6010D	7-1-20	7-1-20	
Cadmium	**ND**	0.58	EPA 6010D	7-1-20	7-1-20	
Chromium	**24**	0.58	EPA 6010D	7-1-20	7-1-20	
Copper	**8.7**	1.2	EPA 6010D	7-1-20	7-1-20	
Lead	**ND**	5.8	EPA 6010D	7-1-20	7-1-20	
Mercury	**ND**	0.029	EPA 7471B	7-2-20	7-2-20	
Nickel	**40**	2.9	EPA 6010D	7-1-20	7-1-20	
Selenium	**ND**	0.72	EPA 6020B	7-1-20	7-10-20	
Zinc	**27**	2.9	EPA 6010D	7-1-20	7-1-20	
Client ID:	**Fill-09-3**					
Laboratory ID:	06-338-09					
Arsenic	**ND**	11	EPA 6010D	7-1-20	7-1-20	
Cadmium	**ND**	0.57	EPA 6010D	7-1-20	7-1-20	
Chromium	**26**	0.57	EPA 6010D	7-1-20	7-1-20	
Copper	**12**	1.1	EPA 6010D	7-1-20	7-1-20	
Lead	**ND**	5.7	EPA 6010D	7-1-20	7-1-20	
Mercury	**ND**	0.029	EPA 7471B	7-2-20	7-2-20	
Nickel	**47**	2.9	EPA 6010D	7-1-20	7-1-20	
Selenium	**ND**	0.72	EPA 6020B	7-1-20	7-10-20	
Zinc	**31**	2.9	EPA 6010D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

TOTAL METALS
EPA 6010D/6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-10-3**					
Laboratory ID:	06-338-10					
Arsenic	**ND**	11	EPA 6010D	7-1-20	7-1-20	
Cadmium	**ND**	0.57	EPA 6010D	7-1-20	7-1-20	
Chromium	**19**	0.57	EPA 6010D	7-1-20	7-1-20	
Copper	**8.7**	1.1	EPA 6010D	7-1-20	7-1-20	
Lead	**ND**	5.7	EPA 6010D	7-1-20	7-1-20	
Mercury	**ND**	0.029	EPA 7471B	7-2-20	7-2-20	
Nickel	**39**	2.9	EPA 6010D	7-1-20	7-1-20	
Selenium	**ND**	0.72	EPA 6020B	7-1-20	7-10-20	
Zinc	**23**	2.9	EPA 6010D	7-1-20	7-1-20	
Client ID:	**STP-07-15**					
Laboratory ID:	06-338-11					
Arsenic	**ND**	11	EPA 6010D	7-1-20	7-1-20	
Cadmium	**ND**	0.55	EPA 6010D	7-1-20	7-1-20	
Chromium	**27**	0.55	EPA 6010D	7-1-20	7-1-20	
Copper	**35**	1.1	EPA 6010D	7-1-20	7-1-20	
Lead	**200**	5.5	EPA 6010D	7-1-20	7-1-20	
Mercury	**0.096**	0.028	EPA 7471B	7-2-20	7-2-20	
Nickel	**38**	2.8	EPA 6010D	7-1-20	7-1-20	
Selenium	**ND**	0.69	EPA 6020B	7-1-20	7-10-20	
Zinc	**160**	2.8	EPA 6010D	7-1-20	7-1-20	
Client ID:	**STP-09-2**					
Laboratory ID:	06-338-12					
Arsenic	**ND**	13	EPA 6010D	7-1-20	7-1-20	
Cadmium	**ND**	0.66	EPA 6010D	7-1-20	7-1-20	
Chromium	**24**	0.66	EPA 6010D	7-1-20	7-1-20	
Copper	**15**	1.3	EPA 6010D	7-1-20	7-1-20	
Lead	**79**	6.6	EPA 6010D	7-1-20	7-1-20	
Mercury	**0.13**	0.033	EPA 7471B	7-2-20	7-2-20	
Nickel	**31**	3.3	EPA 6010D	7-1-20	7-1-20	
Selenium	**ND**	0.83	EPA 6020B	7-1-20	7-10-20	
Zinc	**150**	3.3	EPA 6010D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

TOTAL METALS
EPA 6010D/6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**Fill-07-1**					
Laboratory ID:	06-338-14					
Arsenic	**ND**	14	EPA 6010D	7-1-20	7-1-20	
Cadmium	**ND**	0.68	EPA 6010D	7-1-20	7-1-20	
Chromium	**23**	0.68	EPA 6010D	7-1-20	7-1-20	
Copper	**7.2**	1.4	EPA 6010D	7-1-20	7-1-20	
Lead	**ND**	6.8	EPA 6010D	7-1-20	7-1-20	
Mercury	**ND**	0.034	EPA 7471B	7-2-20	7-2-20	
Nickel	**33**	3.4	EPA 6010D	7-1-20	7-1-20	
Selenium	**ND**	0.85	EPA 6020B	7-1-20	7-10-20	
Zinc	**32**	3.4	EPA 6010D	7-1-20	7-1-20	
Client ID:	**Dup-1-200629**					
Laboratory ID:	06-338-15					
Arsenic	**13**	12	EPA 6010D	7-1-20	7-1-20	
Cadmium	**ND**	0.61	EPA 6010D	7-1-20	7-1-20	
Chromium	**27**	0.61	EPA 6010D	7-1-20	7-1-20	
Copper	**51**	1.2	EPA 6010D	7-1-20	7-1-20	
Lead	**130**	6.1	EPA 6010D	7-1-20	7-1-20	
Mercury	**0.15**	0.030	EPA 7471B	7-2-20	7-2-20	
Nickel	**32**	3.0	EPA 6010D	7-1-20	7-1-20	
Selenium	**ND**	0.76	EPA 6020B	7-1-20	7-10-20	
Zinc	**320**	3.0	EPA 6010D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

GASOLINE RANGE ORGANICS/BTEX
NWTPH-Gx/EPA 8021B
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0701S3					
Benzene	**ND**	0.020	EPA 8021B	7-1-20	7-1-20	
Toluene	**ND**	0.050	EPA 8021B	7-1-20	7-1-20	
Ethyl Benzene	**ND**	0.050	EPA 8021B	7-1-20	7-1-20	
m,p-Xylene	**ND**	0.050	EPA 8021B	7-1-20	7-1-20	
o-Xylene	**ND**	0.050	EPA 8021B	7-1-20	7-1-20	
Gasoline	**ND**	5.0	NWTPH-Gx	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*91*	*58-129*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	06-337-02										
	ORIG	DUP									
Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Toluene	**0.154**	**0.157**	NA	NA		NA		NA	2	30	
Ethyl Benzene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
m,p-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
o-Xylene	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*98*	*100*	*58-129*			
SPIKE BLANKS											
Laboratory ID:	SB0701S1										
	SB	SBD	SB	SBD		SB	SBD				
Benzene	**0.934**	**0.952**	1.00	1.00		**93**	**95**	68-112	2	10	
Toluene	**0.977**	**0.993**	1.00	1.00		**98**	**99**	70-114	2	10	
Ethyl Benzene	**1.00**	**1.02**	1.00	1.00		**100**	**102**	70-115	2	10	
m,p-Xylene	**1.01**	**1.02**	1.00	1.00		**101**	**102**	69-117	1	11	
o-Xylene	**1.01**	**1.02**	1.00	1.00		**101**	**102**	71-115	1	11	
Surrogate:											
Fluorobenzene						*93*	*93*	*58-129*			

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0701S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	7-1-20	7-1-20	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*85*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	06-338-02										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Surrogate:											
o-Terphenyl						*88*	*83*	*50-150*			

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0701S2					
Dichlorodifluoromethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Chloromethane	ND	0.0065	EPA 8260D	7-1-20	7-1-20	
Vinyl Chloride	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Bromomethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Chloroethane	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
Trichlorofluoromethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Acetone	ND	0.010	EPA 8260D	7-1-20	7-1-20	
Iodomethane	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
Carbon Disulfide	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Methylene Chloride	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Vinyl Acetate	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
2-Butanone	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
Bromochloromethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Chloroform	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloropropene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Benzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloroethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Trichloroethene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Dibromomethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Bromodichloromethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
Toluene	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0701S2					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Tetrachloroethene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,3-Dichloropropane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
2-Hexanone	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
Dibromochloromethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromoethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Chlorobenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Ethylbenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
m,p-Xylene	ND	0.0020	EPA 8260D	7-1-20	7-1-20	
o-Xylene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Styrene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Bromoform	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
Isopropylbenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Bromobenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
n-Propylbenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
2-Chlorotoluene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
4-Chlorotoluene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
tert-Butylbenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
sec-Butylbenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
p-Isopropyltoluene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
n-Butylbenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Hexachlorobutadiene	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
Naphthalene	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*74-131*				
Toluene-d8	*101*	*78-128*				
4-Bromofluorobenzene	*96*	*71-130*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0702S2					
Dichlorodifluoromethane	ND	0.0015	EPA 8260D	7-2-20	7-2-20	
Chloromethane	ND	0.0078	EPA 8260D	7-2-20	7-2-20	
Vinyl Chloride	ND	0.0014	EPA 8260D	7-2-20	7-2-20	
Bromomethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Chloroethane	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
Trichlorofluoromethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,1-Dichloroethene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Acetone	ND	0.010	EPA 8260D	7-2-20	7-2-20	
Iodomethane	ND	0.0071	EPA 8260D	7-2-20	7-2-20	
Carbon Disulfide	ND	0.0013	EPA 8260D	7-2-20	7-2-20	
Methylene Chloride	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,1-Dichloroethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Vinyl Acetate	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
2-Butanone	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
Bromochloromethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Chloroform	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,1-Dichloropropene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Benzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,2-Dichloroethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Trichloroethene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Dibromomethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Bromodichloromethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
Toluene	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	

Date of Report: July 13, 2020
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Laboratory Reference: 2006-338
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0702S2					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Tetrachloroethene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,3-Dichloropropane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
2-Hexanone	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
Dibromochloromethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,2-Dibromoethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Chlorobenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Ethylbenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
m,p-Xylene	ND	0.0020	EPA 8260D	7-2-20	7-2-20	
o-Xylene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Styrene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Bromoform	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
Isopropylbenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Bromobenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
n-Propylbenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
2-Chlorotoluene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
4-Chlorotoluene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
tert-Butylbenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
sec-Butylbenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
p-Isopropyltoluene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
n-Butylbenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Hexachlorobutadiene	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
Naphthalene	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*74-131*				
Toluene-d8	*102*	*78-128*				
4-Bromofluorobenzene	*95*	*71-130*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0701S2									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0446**	**0.0417**	0.0500	0.0500	89	83	55-126	7	17	
Benzene	**0.0460**	**0.0441**	0.0500	0.0500	92	88	65-121	4	16	
Trichloroethene	**0.0478**	**0.0464**	0.0500	0.0500	96	93	74-126	3	16	
Toluene	**0.0446**	**0.0440**	0.0500	0.0500	89	88	71-121	1	16	
Chlorobenzene	**0.0493**	**0.0481**	0.0500	0.0500	99	96	72-123	2	15	
Surrogate:										
Dibromofluoromethane					*102*	*103*	*74-131*			
Toluene-d8					*101*	*101*	*78-128*			
4-Bromofluorobenzene					*103*	*104*	*71-130*			
Laboratory ID:	SB0702S2									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0405**	**0.0427**	0.0500	0.0500	81	85	55-126	5	17	
Benzene	**0.0426**	**0.0441**	0.0500	0.0500	85	88	65-121	3	16	
Trichloroethene	**0.0433**	**0.0450**	0.0500	0.0500	87	90	74-126	4	16	
Toluene	**0.0415**	**0.0433**	0.0500	0.0500	83	87	71-121	4	16	
Chlorobenzene	**0.0451**	**0.0464**	0.0500	0.0500	90	93	72-123	3	15	
Surrogate:										
Dibromofluoromethane					*102*	*102*	*74-131*			
Toluene-d8					*103*	*102*	*78-128*			
4-Bromofluorobenzene					*102*	*102*	*71-130*			

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0701S1					
n-Nitrosodimethylamine	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Pyridine	**ND**	0.33	EPA 8270E	7-1-20	7-1-20	
Phenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Aniline	**ND**	0.17	EPA 8270E	7-1-20	7-1-20	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2-Chlorophenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Benzyl alcohol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
n-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Hexachloroethane	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Nitrobenzene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Isophorone	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2-Nitrophenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
4-Chloroaniline	**ND**	0.17	EPA 8270E	7-1-20	7-1-20	
Hexachlorobutadiene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Hexachlorocyclopentadiene	**ND**	0.066	EPA 8270E	7-1-20	7-1-20	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2-Chloronaphthalene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2-Nitroaniline	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Dimethylphthalate	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Acenaphthylene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
3-Nitroaniline	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0701S1					
2,4-Dinitrophenol	**ND**	0.37	EPA 8270E	7-1-20	7-1-20	
Acenaphthene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
4-Nitrophenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Dibenzofuran	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Diethylphthalate	**ND**	0.17	EPA 8270E	7-1-20	7-1-20	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
4-Nitroaniline	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Fluorene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
4,6-Dinitro-2-methylphenol	**ND**	0.29	EPA 8270E	7-1-20	7-1-20	
n-Nitrosodiphenylamine	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Hexachlorobenzene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Pentachlorophenol	**ND**	0.17	EPA 8270E	7-1-20	7-1-20	
Phenanthrene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Anthracene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Carbazole	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Di-n-butylphthalate	**ND**	0.17	EPA 8270E	7-1-20	7-1-20	
Fluoranthene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Pyrene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Butylbenzylphthalate	**ND**	0.17	EPA 8270E	7-1-20	7-1-20	
bis-2-Ethylhexyladipate	**ND**	0.17	EPA 8270E	7-1-20	7-1-20	
3,3'-Dichlorobenzidine	**ND**	0.17	EPA 8270E	7-1-20	7-1-20	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
bis(2-Ethylhexyl)phthalate	**ND**	0.17	EPA 8270E	7-1-20	7-1-20	
Di-n-octylphthalate	**ND**	0.17	EPA 8270E	7-1-20	7-1-20	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*78*	*22 - 109*				
Phenol-d6	*88*	*36 - 110*				
Nitrobenzene-d5	*89*	*31 - 109*				
2-Fluorobiphenyl	*83*	*45 - 107*				
2,4,6-Tribromophenol	*79*	*43 - 124*				
Terphenyl-d14	*78*	*52 - 118*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0707S2					
n-Nitrosodimethylamine	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
Pyridine	**ND**	0.33	EPA 8270E	7-7-20	7-7-20	
Phenol	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
Aniline	**ND**	0.17	EPA 8270E	7-7-20	7-7-20	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
2-Chlorophenol	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
Benzyl alcohol	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
n-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
Hexachloroethane	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
Nitrobenzene	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
Isophorone	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
2-Nitrophenol	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	7-7-20	7-7-20	
4-Chloroaniline	**ND**	0.17	EPA 8270E	7-7-20	7-7-20	
Hexachlorobutadiene	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	7-7-20	7-7-20	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	7-7-20	7-7-20	
Hexachlorocyclopentadiene	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
2-Chloronaphthalene	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
2-Nitroaniline	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
Dimethylphthalate	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
Acenaphthylene	**ND**	0.0067	EPA 8270E/SIM	7-7-20	7-7-20	
3-Nitroaniline	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0707S2					
2,4-Dinitrophenol	**ND**	0.17	EPA 8270E	7-7-20	7-7-20	
Acenaphthene	**ND**	0.0067	EPA 8270E/SIM	7-7-20	7-7-20	
4-Nitrophenol	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
Dibenzofuran	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
Diethylphthalate	**ND**	0.17	EPA 8270E	7-7-20	7-7-20	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
4-Nitroaniline	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
Fluorene	**ND**	0.0067	EPA 8270E/SIM	7-7-20	7-7-20	
4,6-Dinitro-2-methylphenol	**ND**	0.17	EPA 8270E	7-7-20	7-7-20	
n-Nitrosodiphenylamine	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
Hexachlorobenzene	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
Pentachlorophenol	**ND**	0.17	EPA 8270E	7-7-20	7-7-20	
Phenanthrene	**ND**	0.0067	EPA 8270E/SIM	7-7-20	7-7-20	
Anthracene	**ND**	0.0067	EPA 8270E/SIM	7-7-20	7-7-20	
Carbazole	**ND**	0.033	EPA 8270E	7-7-20	7-7-20	
Di-n-butylphthalate	**ND**	0.17	EPA 8270E	7-7-20	7-7-20	
Fluoranthene	**ND**	0.0067	EPA 8270E/SIM	7-7-20	7-7-20	
Pyrene	**ND**	0.0067	EPA 8270E/SIM	7-7-20	7-7-20	
Butylbenzylphthalate	**ND**	0.17	EPA 8270E	7-7-20	7-7-20	
bis-2-Ethylhexyladipate	**ND**	0.17	EPA 8270E	7-7-20	7-7-20	
3,3'-Dichlorobenzidine	**ND**	0.17	EPA 8270E	7-7-20	7-7-20	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	7-7-20	7-7-20	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	7-7-20	7-7-20	
bis(2-Ethylhexyl)phthalate	**ND**	0.17	EPA 8270E	7-7-20	7-7-20	
Di-n-octylphthalate	**ND**	0.17	EPA 8270E	7-7-20	7-7-20	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	7-7-20	7-7-20	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	7-7-20	7-7-20	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	7-7-20	7-7-20	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270E/SIM	7-7-20	7-7-20	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	7-7-20	7-7-20	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270E/SIM	7-7-20	7-7-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*74*	*22 - 109*				
Phenol-d6	*86*	*36 - 110*				
Nitrobenzene-d5	*84*	*31 - 109*				
2-Fluorobiphenyl	*73*	*45 - 107*				
2,4,6-Tribromophenol	*84*	*43 - 124*				
Terphenyl-d14	*78*	*52 - 118*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	06-338-07										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**0.813**	**0.767**	1.33	1.33	ND	61	58	30 - 108	6	37	
2-Chlorophenol	**0.784**	**0.761**	1.33	1.33	ND	59	57	30 - 113	3	39	
1,4-Dichlorobenzene	**0.399**	**0.372**	0.667	0.667	ND	60	56	24 - 116	7	35	
n-Nitroso-di-n-propylamine	**0.463**	**0.445**	0.667	0.667	ND	69	67	34 - 112	4	34	
1,2,4-Trichlorobenzene	**0.396**	**0.374**	0.667	0.667	ND	59	56	34 - 115	6	38	
4-Chloro-3-methylphenol	**0.897**	**0.895**	1.33	1.33	ND	67	67	41 - 117	0	26	
Acenaphthene	**0.366**	**0.352**	0.667	0.667	ND	55	53	41 - 111	4	21	
4-Nitrophenol	**1.05**	**1.03**	1.33	1.33	ND	79	77	30 - 127	2	32	
2,4-Dinitrotoluene	**0.383**	**0.366**	0.667	0.667	ND	57	55	32 - 114	5	30	
Pentachlorophenol	**0.816**	**0.778**	1.33	1.33	ND	61	58	36 - 147	5	37	
Pyrene	**0.416**	**0.405**	0.667	0.667	ND	62	61	33 - 127	3	33	
Surrogate:											
2-Fluorophenol						*67*	*63*	*22 - 109*			
Phenol-d6						*75*	*72*	*36 - 110*			
Nitrobenzene-d5						*74*	*73*	*31 - 109*			
2-Fluorobiphenyl						*65*	*64*	*45 - 107*			
2,4,6-Tribromophenol						*69*	*69*	*43 - 124*			
Terphenyl-d14						*65*	*63*	*52 - 118*			
Laboratory ID:	07-015-01										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**0.817**	**0.980**	1.33	1.33	ND	61	74	30 - 108	18	37	
2-Chlorophenol	**0.762**	**0.975**	1.33	1.33	ND	57	73	30 - 113	25	39	
1,4-Dichlorobenzene	**0.384**	**0.485**	0.667	0.667	ND	58	73	24 - 116	23	35	
n-Nitroso-di-n-propylamine	**0.451**	**0.554**	0.667	0.667	ND	68	83	34 - 112	20	34	
1,2,4-Trichlorobenzene	**0.395**	**0.499**	0.667	0.667	ND	59	75	34 - 115	23	38	
4-Chloro-3-methylphenol	**0.890**	**1.11**	1.33	1.33	ND	67	83	41 - 117	22	26	
Acenaphthene	**0.368**	**0.451**	0.667	0.667	ND	55	68	41 - 111	20	21	
4-Nitrophenol	**1.12**	**1.44**	1.33	1.33	ND	84	108	30 - 127	25	32	
2,4-Dinitrotoluene	**0.413**	**0.517**	0.667	0.667	ND	62	78	32 - 114	22	30	
Pentachlorophenol	**1.01**	**1.27**	1.33	1.33	ND	76	95	36 - 147	23	37	
Pyrene	**0.422**	**0.518**	0.667	0.667	ND	63	78	33 - 127	20	33	
Surrogate:											
2-Fluorophenol						*64*	*82*	*22 - 109*			
Phenol-d6						*77*	*90*	*36 - 110*			
Nitrobenzene-d5						*72*	*90*	*31 - 109*			
2-Fluorobiphenyl						*66*	*81*	*45 - 107*			
2,4,6-Tribromophenol						*76*	*94*	*43 - 124*			
Terphenyl-d14						*67*	*82*	*52 - 118*			

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0701S2					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Acenaphthylene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Acenaphthene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Fluorene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Phenanthrene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Anthracene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Fluoranthene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Pyrene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*92*	*46 - 113*				
Pyrene-d10	*94*	*45 - 114*				
Terphenyl-d14	*96*	*49 - 121*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	06-338-03										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	**0.0799**	**0.0768**	0.0833	0.0833	ND	96	92	51 - 115	4	26	
Acenaphthylene	**0.0878**	**0.0822**	0.0833	0.0833	ND	105	99	53 - 121	7	24	
Acenaphthene	**0.0868**	**0.0801**	0.0833	0.0833	ND	104	96	52 - 121	8	25	
Fluorene	**0.0863**	**0.0795**	0.0833	0.0833	ND	104	95	58 - 127	8	23	
Phenanthrene	**0.0856**	**0.0816**	0.0833	0.0833	ND	103	98	46 - 129	5	28	
Anthracene	**0.0907**	**0.0862**	0.0833	0.0833	ND	109	103	57 - 124	5	21	
Fluoranthene	**0.0891**	**0.0867**	0.0833	0.0833	ND	107	104	46 - 136	3	29	
Pyrene	**0.0917**	**0.0901**	0.0833	0.0833	ND	110	108	41 - 136	2	32	
Benzo[a]anthracene	**0.0921**	**0.0925**	0.0833	0.0833	ND	111	111	56 - 136	0	25	
Chrysene	**0.0871**	**0.0872**	0.0833	0.0833	ND	105	105	49 - 130	0	22	
Benzo[b]fluoranthene	**0.0903**	**0.0890**	0.0833	0.0833	ND	108	107	51 - 135	1	26	
Benzo(j,k)fluoranthene	**0.0868**	**0.0871**	0.0833	0.0833	ND	104	105	56 - 124	0	23	
Benzo[a]pyrene	**0.0916**	**0.0912**	0.0833	0.0833	ND	110	109	54 - 133	0	26	
Indeno(1,2,3-c,d)pyrene	**0.0871**	**0.0858**	0.0833	0.0833	ND	105	103	52 - 134	2	20	
Dibenz[a,h]anthracene	**0.0858**	**0.0856**	0.0833	0.0833	ND	103	103	58 - 127	0	17	
Benzo[g,h,i]perylene	**0.0881**	**0.0873**	0.0833	0.0833	ND	106	105	54 - 129	1	21	
Surrogate:											
2-Fluorobiphenyl						*95*	*87*	*46 - 113*			
Pyrene-d10						*98*	*94*	*45 - 114*			
Terphenyl-d14						*103*	*97*	*49 - 121*			

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0701S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	7-1-20	7-1-20	
Aroclor 1221	**ND**	0.050	EPA 8082A	7-1-20	7-1-20	
Aroclor 1232	**ND**	0.050	EPA 8082A	7-1-20	7-1-20	
Aroclor 1242	**ND**	0.050	EPA 8082A	7-1-20	7-1-20	
Aroclor 1248	**ND**	0.050	EPA 8082A	7-1-20	7-1-20	
Aroclor 1254	**ND**	0.050	EPA 8082A	7-1-20	7-1-20	
Aroclor 1260	**ND**	0.050	EPA 8082A	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*107*	*46-125*				
Laboratory ID:	MB0701S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	7-1-20	7-8-20	X
Aroclor 1221	**ND**	0.050	EPA 8082A	7-1-20	7-8-20	X
Aroclor 1232	**ND**	0.050	EPA 8082A	7-1-20	7-8-20	X
Aroclor 1242	**ND**	0.050	EPA 8082A	7-1-20	7-8-20	X
Aroclor 1248	**ND**	0.050	EPA 8082A	7-1-20	7-8-20	X
Aroclor 1254	**ND**	0.050	EPA 8082A	7-1-20	7-8-20	X
Aroclor 1260	**ND**	0.050	EPA 8082A	7-1-20	7-8-20	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*97*	*46-125*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0701S1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.490**	**0.429**	0.500	0.500	N/A	**98**	**86**	50-134	13	18	
Surrogate:											
DCB						*111*	*104*	*46-125*			
Laboratory ID:	SB0701S1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.493**	**0.538**	0.500	0.500	N/A	**99**	**108**	50-134	9	18	X
Surrogate:											
DCB						*106*	*110*	*46-125*			

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

ORGANOCHLORINE PESTICIDES EPA 8081B QUALITY CONTROL

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0701S1					
alpha-BHC	**ND**	5.0	EPA 8081B	7-1-20	7-2-20	
gamma-BHC	**ND**	5.0	EPA 8081B	7-1-20	7-2-20	
beta-BHC	**ND**	5.0	EPA 8081B	7-1-20	7-2-20	
delta-BHC	**ND**	5.0	EPA 8081B	7-1-20	7-2-20	
Heptachlor	**ND**	5.0	EPA 8081B	7-1-20	7-2-20	
Aldrin	**ND**	5.0	EPA 8081B	7-1-20	7-2-20	
Heptachlor Epoxide	**ND**	5.0	EPA 8081B	7-1-20	7-2-20	
gamma-Chlordane	**ND**	5.0	EPA 8081B	7-1-20	7-2-20	
alpha-Chlordane	**ND**	10	EPA 8081B	7-1-20	7-2-20	
4,4'-DDE	**ND**	10	EPA 8081B	7-1-20	7-2-20	
Endosulfan I	**ND**	5.0	EPA 8081B	7-1-20	7-2-20	
Dieldrin	**ND**	10	EPA 8081B	7-1-20	7-2-20	
Endrin	**ND**	5.0	EPA 8081B	7-1-20	7-2-20	
4,4'-DDD	**ND**	10	EPA 8081B	7-1-20	7-2-20	
Endosulfan II	**ND**	10	EPA 8081B	7-1-20	7-2-20	
4,4'-DDT	**ND**	10	EPA 8081B	7-1-20	7-2-20	
Endrin Aldehyde	**ND**	10	EPA 8081B	7-1-20	7-2-20	
Methoxychlor	**ND**	10	EPA 8081B	7-1-20	7-2-20	
Endosulfan Sulfate	**ND**	10	EPA 8081B	7-1-20	7-2-20	
Endrin Ketone	**ND**	10	EPA 8081B	7-1-20	7-2-20	
Toxaphene	**ND**	50	EPA 8081B	7-1-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*75*	*33-97*				
DCB	*93*	*36-115*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

ORGANOCHLORINE PESTICIDES EPA 8081B QUALITY CONTROL

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0701S1					
alpha-BHC	**ND**	5.0	EPA 8081B	7-1-20	7-8-20	X
gamma-BHC	**ND**	5.0	EPA 8081B	7-1-20	7-8-20	X
beta-BHC	**ND**	5.0	EPA 8081B	7-1-20	7-8-20	X
delta-BHC	**ND**	5.0	EPA 8081B	7-1-20	7-8-20	X
Heptachlor	**ND**	5.0	EPA 8081B	7-1-20	7-8-20	X
Aldrin	**ND**	5.0	EPA 8081B	7-1-20	7-8-20	X
Heptachlor Epoxide	**ND**	5.0	EPA 8081B	7-1-20	7-8-20	X
gamma-Chlordane	**ND**	5.0	EPA 8081B	7-1-20	7-8-20	X
alpha-Chlordane	**ND**	10	EPA 8081B	7-1-20	7-8-20	X
4,4'-DDE	**ND**	10	EPA 8081B	7-1-20	7-8-20	X
Endosulfan I	**ND**	5.0	EPA 8081B	7-1-20	7-8-20	X
Dieldrin	**ND**	10	EPA 8081B	7-1-20	7-8-20	X
Endrin	**ND**	5.0	EPA 8081B	7-1-20	7-8-20	X
4,4'-DDD	**ND**	10	EPA 8081B	7-1-20	7-8-20	X
Endosulfan II	**ND**	10	EPA 8081B	7-1-20	7-8-20	X
4,4'-DDT	**ND**	10	EPA 8081B	7-1-20	7-8-20	X
Endrin Aldehyde	**ND**	10	EPA 8081B	7-1-20	7-8-20	X
Methoxychlor	**ND**	10	EPA 8081B	7-1-20	7-8-20	X
Endosulfan Sulfate	**ND**	10	EPA 8081B	7-1-20	7-8-20	X
Endrin Ketone	**ND**	10	EPA 8081B	7-1-20	7-8-20	X
Toxaphene	**ND**	50	EPA 8081B	7-1-20	7-8-20	X
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*78*	*33-97*				
DCB	*85*	*36-115*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

ORGANOCHLORINE PESTICIDES EPA 8081B QUALITY CONTROL

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	06-338-02										
	MS	MSD	MS	MSD		MS	MSD				
alpha-BHC	**70.1**	**72.4**	100	100	ND	**70**	**72**	36-123	3	21	
gamma-BHC	**80.6**	**84.8**	100	100	ND	**81**	**85**	38-121	5	21	
beta-BHC	**85.6**	**90.4**	100	100	ND	**86**	**90**	31-125	5	21	
delta-BHC	**88.9**	**94.4**	100	100	ND	**89**	**94**	37-118	6	23	
Heptachlor	**90.0**	**86.2**	100	100	ND	**90**	**86**	37-123	4	24	
Aldrin	**84.9**	**88.1**	100	100	ND	**85**	**88**	44-112	4	22	
Heptachlor Epoxide	**82.3**	**87.4**	100	100	ND	**82**	**87**	46-110	6	22	
gamma-Chlordane	**86.2**	**90.6**	100	100	ND	**86**	**91**	45-112	5	23	
alpha-Chlordane	**85.3**	**86.8**	100	100	ND	**85**	**87**	47-106	2	23	
4,4'-DDE	**90.3**	**94.5**	100	100	ND	**90**	**94**	34-139	5	22	
Endosulfan I	**67.0**	**69.0**	100	100	ND	**67**	**69**	46-115	3	25	
Dieldrin	**84.8**	**90.0**	100	100	ND	**85**	**90**	48-115	6	23	
Endrin	**76.1**	**79.4**	100	100	ND	**76**	**79**	44-120	4	28	
4,4'-DDD	**90.7**	**96.2**	100	100	ND	**91**	**96**	42-131	6	21	
Endosulfan II	**74.7**	**77.1**	100	100	ND	**75**	**77**	47-109	3	22	
4,4'-DDT	**92.6**	**96.2**	100	100	ND	**93**	**96**	29-135	4	32	
Endrin Aldehyde	**84.3**	**89.2**	100	100	ND	**84**	**89**	45-99	6	22	
Methoxychlor	**86.7**	**88.2**	100	100	ND	**87**	**88**	40-132	2	22	
Endosulfan Sulfate	**75.0**	**79.3**	100	100	ND	**75**	**79**	47-105	6	21	
Endrin Ketone	**88.2**	**96.6**	100	100	ND	**88**	**97**	46-115	9	22	
Surrogate:											
TCMX						*79*	*88*	*33-97*			
DCB						*92*	*101*	*36-115*			

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

CHLORINATED ACID HERBICIDES EPA 8151A QUALITY CONTROL

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0703S1					
Dalapon	**ND**	180	EPA 8151A	7-3-20	7-3-20	
Dicamba	**ND**	9.4	EPA 8151A	7-3-20	7-3-20	
MCPP	**ND**	940	EPA 8151A	7-3-20	7-3-20	
MCPA	**ND**	2300	EPA 8151A	7-3-20	7-3-20	
Dichlorprop	**ND**	71	EPA 8151A	7-3-20	7-3-20	
2,4-D	**ND**	9.4	EPA 8151A	7-3-20	7-3-20	
Pentachlorophenol	**ND**	4.8	EPA 8151A	7-3-20	7-3-20	
2,4,5-TP (Silvex)	**ND**	9.5	EPA 8151A	7-3-20	7-3-20	
2,4,5-T	**ND**	9.5	EPA 8151A	7-3-20	7-3-20	
2,4-DB	**ND**	9.5	EPA 8151A	7-3-20	7-3-20	
Dinoseb	**ND**	9.5	EPA 8151A	7-3-20	7-3-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCAA	*67*	*18-119*				
Laboratory ID:	MB0703S1					
Dalapon	**ND**	180	EPA 8151A	7-3-20	7-9-20	X
Dicamba	**ND**	9.4	EPA 8151A	7-3-20	7-9-20	X
MCPP	**ND**	940	EPA 8151A	7-3-20	7-9-20	X
MCPA	**ND**	2300	EPA 8151A	7-3-20	7-9-20	X
Dichlorprop	**ND**	71	EPA 8151A	7-3-20	7-9-20	X
2,4-D	**ND**	9.4	EPA 8151A	7-3-20	7-9-20	X
Pentachlorophenol	**ND**	4.8	EPA 8151A	7-3-20	7-9-20	X
2,4,5-TP (Silvex)	**ND**	9.5	EPA 8151A	7-3-20	7-9-20	X
2,4,5-T	**ND**	9.5	EPA 8151A	7-3-20	7-9-20	X
2,4-DB	**ND**	9.5	EPA 8151A	7-3-20	7-9-20	X
Dinoseb	**ND**	9.5	EPA 8151A	7-3-20	7-9-20	X
Surrogate:	*Percent Recovery*	*Control Limits*				
DCAA	*67*	*18-119*				

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

CHLORINATED ACID HERBICIDES EPA 8151A QUALITY CONTROL

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	06-338-07										
	MS	MSD	MS	MSD		MS	MSD				
Dalapon	**338**	**575**	1250	1250	ND	**27**	**46**	10-83	52	30	L
Dicamba	**208**	**242**	250	250	ND	**83**	**97**	31-107	15	23	
MCPP	**25200**	**25700**	25000	25000	ND	**101**	**103**	36-134	2	32	
MCPA	**23900**	**24500**	25000	25000	ND	**96**	**98**	26-121	2	35	
Dichlorprop	**233**	**245**	250	250	ND	**93**	**98**	24-116	5	27	
2,4-D	**196**	**203**	250	250	ND	**79**	**81**	10-116	4	21	
Pentachlorophenol	**26.1**	**26.9**	25.0	25.0	ND	**105**	**107**	13-112	3	30	
2,4,5-TP (Silvex)	**256**	**270**	250	250	ND	**103**	**108**	40-124	5	23	
2,4,5-T	**241**	**256**	250	250	ND	**96**	**103**	19-138	6	24	
2,4-DB	**238**	**241**	250	250	ND	**95**	**97**	14-141	1	29	
Dinoseb	**250**	**238**	250	250	ND	**100**	**95**	12-115	5	23	
Surrogate:											
DCAA						*97*	*99*	*18-119*			

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

TOTAL METALS
EPA 6010D/6020B/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0701SM1					
Arsenic	**ND**	10	EPA 6010D	7-1-20	7-1-20	
Cadmium	**ND**	0.50	EPA 6010D	7-1-20	7-1-20	
Chromium	**ND**	0.50	EPA 6010D	7-1-20	7-1-20	
Copper	**ND**	1.0	EPA 6010D	7-1-20	7-1-20	
Lead	**ND**	5.0	EPA 6010D	7-1-20	7-1-20	
Nickel	**ND**	2.5	EPA 6010D	7-1-20	7-1-20	
Zinc	**ND**	2.5	EPA 6010D	7-1-20	7-1-20	
Laboratory ID:	MB0702S1					
Mercury	**ND**	0.025	EPA 7471B	7-2-20	7-2-20	
Laboratory ID:	MB0701SM1					
Selenium	**ND**	0.63	EPA 6020B	7-1-20	7-10-20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

TOTAL METALS
EPA 6010D/6020B/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	06-338-02										
	ORIG	DUP									
Arsenic	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Cadmium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Chromium	**17.7**	**16.4**	NA	NA		NA		NA	8	20	
Copper	**8.55**	**8.20**	NA	NA		NA		NA	4	20	
Lead	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Nickel	**29.5**	**27.9**	NA	NA		NA		NA	6	20	
Zinc	**22.5**	**20.3**	NA	NA		NA		NA	10	20	
Laboratory ID:	06-338-02										
Mercury	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Laboratory ID:	06-338-02										
	ORIG	DUP									
Selenium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	06-338-02										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**91.1**	**93.8**	100	100	ND	**91**	**94**	75-125	3	20	
Cadmium	**40.4**	**41.0**	50.0	50.0	ND	**81**	**82**	75-125	1	20	
Chromium	**106**	**109**	100	100	17.7	**89**	**91**	75-125	3	20	
Copper	**53.5**	**54.5**	50.0	50.0	8.55	**90**	**92**	75-125	2	20	
Lead	**213**	**216**	250	250	ND	**85**	**86**	75-125	1	20	
Nickel	**116**	**115**	100	100	29.5	**86**	**86**	75-125	0	20	
Zinc	**111**	**112**	100	100	22.5	**89**	**90**	75-125	1	20	
Laboratory ID:	06-338-02										
Mercury	**0.509**	**0.527**	0.500	0.500	0.0116	**100**	**103**	80-120	3	20	
Laboratory ID:	06-338-02										
	MS	MSD	MS	MSD		MS	MSD				
Selenium	**85.0**	**84.3**	100	100	ND	**85**	**84**	75-125	1	20	

Date of Report: July 13, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338
Project: 6694-002-03

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
STP-01-20	06-338-01	**18**	7-1-20
Fill-03-3	06-338-02	**8**	7-1-20
Fill-02-3	06-338-03	**11**	7-1-20
Fill-01-3	06-338-04	**4**	7-1-20
Fill-04-3	06-338-05	**12**	7-1-20
Fill-05-3	06-338-06	**15**	7-1-20
Fill-06-3	06-338-07	**16**	7-1-20
Fill-08-3	06-338-08	**13**	7-1-20
Fill-09-3	06-338-09	**13**	7-1-20
Fill-10-3	06-338-10	**13**	7-1-20
STP-07-15	06-338-11	**9**	7-1-20
STP-09-2	06-338-12	**24**	7-1-20
FST-01-1	06-338-13	**7**	7-1-20
Fill-07-1	06-338-14	**27**	7-1-20
Dup-1-200629	06-338-15	**18**	7-1-20

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: GeoEngineers
Project Number: 6694-002-03
Project Name: Go East Land Fill
Project Manager: Rob Leet
Sampled by: JD

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
5-6 Days (other)

Laboratory Number: 06-338

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260C	Halogenated Volatiles 8260C	EDB EPA 8011 (Waters Only)	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Totals (1)				% Moisture
1	STP-01-#20	6/24/20	0920	S	6			X	X	X			X		X	X		X					X				C
2	F:11-03-3		1000					X	X	X			X		X	X		X					X				
3	F:11-02-3		1007											X	X								X				
4	F:11-01-3		1020											X	X								X				
5	F:11-04-3		1110											X	X								X				
6	F:11-05-3		1120											X	X								X				
7	F:11-06-3		1140					X	X	X			X		X	X		X					X				
8	F:11-08-3		1155											X	X								X				
9	F:11-09-3		1205					X	X	X			X		X	X		X					X				
10	F:11-10-3		1255											X	X								X				

	Signature	Company	Date	Time
Relinquished		GEI	6/30/20	8:30
Received		SPEEDY	6/30/20	8:30
Relinquished		SPEEDY	6/30/20	10:56
Received		OSE	6/30/20	10:56
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
(1) Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Zinc

Data Package: Standard ☐ Level III ☐ Level IV ☐
Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: GeoEngineers
Project Number: 6694-002-03
Project Name: Go East Landfill
Project Manager: Rob Leet
Sampled by: JD

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
5-6 Days (other)

Laboratory Number: 06-338

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260C	Halogenated Volatiles 8260C	EDB EPA 8011 (Waters Only)	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	Total (1)				% Moisture
11	STP-07-15	6/24/20	1250	S	6			X	X	X			X		X	X		X					X				6
12	STP-09-2		1320					X	X	X			X		X	X		X					X				1
13	~~FSTP-01~~ FST-01-1 DB		1345				X		X																		
14	FD-11-07-1		1400											X	X								X				
15	Dup-1-200629		0600					X	X	X			X		X	X		X					X				

	Signature	Company	Date	Time
Relinquished		GEE	6/30/20	8:30
Received		SPEEDY	6/30/20	8:30
Relinquished		"	6/30/20	1356
Received		OSE	6/30/20	1056
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
(1) Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Zinc.

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

July 13, 2020

Rob Leet
GeoEngineers, Inc.
2101 4th Avenue, Suite 950
Seattle, WA 98121

Re: Analytical Data for Project 6694-002-03
Laboratory Reference No. 2007-008

Dear Rob:

Enclosed are the analytical results and associated quality control data for samples submitted on July 1, 2020.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

Case Narrative
page 1 of 2

Samples were collected on June 30, 2020 and received by the laboratory on July 1, 2020. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Semivolatiles EPA 8270E/SIM Analysis

Sample STP-05-10 had one surrogate recovery out of control limits. This is within allowance of our standard operating procedure as long as the recovery is above 10%.

Organochlorine Pesticides by EPA 8081B Analysis

Negative effects of the matrix from the samples STP-12-7 and STP-06-15 on the instrument caused values for 4,4'-DDT and Methoxychlor in the continuing calibration verification standards (CCVs) to be low. Severe negative effects of the matrix from samples STP-11-2 and STP-02-11 caused such extensive breakdown on the analytes in the closing CCV that only 4,4'-DDD passed on both columns. Because of this, quantitation limits and sample concentrations can be higher than reported.

Below is a table containing the results and PQLs of the affected samples. Please note that the "% Low in CCV percentage is the multiplier which theoretically would apply to the sample results as well as the PQLs. For example, a sample with a PQL of 11 and a %Low in CVV number of 39% could be considered to have a more realistic PQL of 18 using the formula NEW VALUE = OLD VALUE/(100-Percent Low), which in this case would be 11 / (100 - 39) = 18.

Analyte	Result	PQL	%Low in CCV
Client ID:	**STP-12-7**		
4,4'-DDT	**ND**	12	47%
Methoxychlor	**ND**	12	39%
Client ID:	**STP-11-2**		
alpha-BHC	**ND**	6.8	37%
gamma-BHC	**ND**	6.8	21%
beta-BHC	**ND**	6.8	33%
delta-BHC	**ND**	6.8	32%
Heptachlor	**ND**	6.8	30%
Aldrin	**ND**	6.8	20%
Heptachlor Epoxide	**ND**	6.8	21%
gamma-Chlordane	**ND**	6.8	25%
alpha-Chlordane	**ND**	14	26%
4,4'-DDE	**92**	14	39%
Endosulfan I	**ND**	6.8	44%
Dieldrin	**ND**	14	21%
Endrin	**ND**	6.8	27%
Endosulfan II	**ND**	14	25%
4,4'-DDT	**210**	14	85%
Endrin Aldehyde	**ND**	14	26%
Methoxychlor	**ND**	14	81%
Endosulfan Sulfate	**ND**	14	36%
Endrin Ketone	**ND**	14	34%

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

Case Narrative
page 2 of 2

Organochlorine Pesticides by EPA 8081B Analysis (continued)

Analyte	Result	PQL	%Low in CCV
Client ID:	**STP-02-11**		
alpha-BHC	**ND**	6.3	37%
gamma-BHC	**ND**	6.3	21%
beta-BHC	**ND**	6.3	33%
delta-BHC	**ND**	6.3	32%
Heptachlor	**ND**	6.3	30%
Aldrin	**ND**	6.3	20%
Heptachlor Epoxide	**ND**	6.3	21%
gamma-Chlordane	**ND**	6.3	25%
alpha-Chlordane	**ND**	13	26%
4,4'-DDE	**37**	13	39%
Endosulfan I	**ND**	6.3	44%
Dieldrin	**ND**	13	21%
Endrin	**ND**	6.3	27%
Endosulfan II	**ND**	13	25%
4,4'-DDT	**ND**	13	85%
Endrin Aldehyde	**ND**	13	26%
Methoxychlor	**ND**	13	81%
Endosulfan Sulfate	**ND**	13	36%
Endrin Ketone	**ND**	13	34%
Client ID:	**STP-06-15**		
4,4'-DDT	**ND**	13	47%
Methoxychlor	**ND**	13	39%

Chlorinated Acid Herbicides EPA 8151A Analysis

Sample 06-338-07 was used as the MS/MSD pair. The RPD values for Dalapon was above its quality control limits between the MS and MSD. All percent recovery values were within quality control limits and no further action was performed.

Please note that any other QA/QC issues associated with these extractions and analyses will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
STP-12-7	07-008-01	Soil	6-30-20	7-1-20	
STP-11-2	07-008-02	Soil	6-30-20	7-1-20	
STP-10-SP	07-008-03	Soil	6-30-20	7-1-20	
STP-02-11	07-008-04	Soil	6-30-20	7-1-20	
STP-03-15	07-008-05	Soil	6-30-20	7-1-20	
STP-04-15	07-008-06	Soil	6-30-20	7-1-20	
STP-05-10	07-008-07	Soil	6-30-20	7-1-20	
STP-06-15	07-008-08	Soil	6-30-20	7-1-20	
STP-08-3	07-008-09	Soil	6-30-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-12-7**					
Laboratory ID:	07-008-01					
Gasoline	**ND**	7.3	NWTPH-Gx	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*88*	*58-129*				
Client ID:	**STP-11-2**					
Laboratory ID:	07-008-02					
Gasoline	**ND**	8.8	NWTPH-Gx	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*78*	*58-129*				
Client ID:	**STP-10-SP**					
Laboratory ID:	07-008-03					
Gasoline	**ND**	7.7	NWTPH-Gx	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*97*	*58-129*				
Client ID:	**STP-02-11**					
Laboratory ID:	07-008-04					
Gasoline	**ND**	7.1	NWTPH-Gx	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*79*	*58-129*				
Client ID:	**STP-03-15**					
Laboratory ID:	07-008-05					
Gasoline	**ND**	7.4	NWTPH-Gx	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*103*	*58-129*				
Client ID:	**STP-04-15**					
Laboratory ID:	07-008-06					
Gasoline	**ND**	13	NWTPH-Gx	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*100*	*58-129*				
Client ID:	**STP-05-10**					
Laboratory ID:	07-008-07					
Gasoline	**ND**	8.2	NWTPH-Gx	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*94*	*58-129*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-06-15**					
Laboratory ID:	07-008-08					
Gasoline	**ND**	7.0	NWTPH-Gx	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*93*	*58-129*				
Client ID:	**STP-08-3**					
Laboratory ID:	07-008-09					
Gasoline	**ND**	7.1	NWTPH-Gx	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*93*	*58-129*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-12-7**					
Laboratory ID:	07-008-01					
Diesel Range Organics	**ND**	37	NWTPH-Dx	7-2-20	7-2-20	U1
Lube Oil	**720**	61	NWTPH-Dx	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*77*	*50-150*				
Client ID:	**STP-11-2**					
Laboratory ID:	07-008-02					
Diesel Range Organics	**ND**	170	NWTPH-Dx	7-2-20	7-2-20	
Lube Oil	**3200**	340	NWTPH-Dx	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*93*	*50-150*				
Client ID:	**STP-10-SP**					
Laboratory ID:	07-008-03					
Diesel Range Organics	**ND**	32	NWTPH-Dx	7-2-20	7-2-20	
Lube Oil Range Organics	**180**	65	NWTPH-Dx	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*90*	*50-150*				
Client ID:	**STP-02-11**					
Laboratory ID:	07-008-04					
Diesel Range Organics	**ND**	390	NWTPH-Dx	7-2-20	7-2-20	U1
Lube Oil	**10000**	320	NWTPH-Dx	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*88*	*50-150*				
Client ID:	**STP-03-15**					
Laboratory ID:	07-008-05					
Diesel Range Organics	**ND**	32	NWTPH-Dx	7-2-20	7-2-20	
Lube Oil Range Organics	**ND**	63	NWTPH-Dx	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*82*	*50-150*				
Client ID:	**STP-04-15**					
Laboratory ID:	07-008-06					
Diesel Range Organics	**ND**	49	NWTPH-Dx	7-2-20	7-2-20	U1
Lube Oil	**700**	88	NWTPH-Dx	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*70*	*50-150*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-05-10**					
Laboratory ID:	07-008-07					
Diesel Range Organics	**ND**	32	NWTPH-Dx	7-2-20	7-2-20	
Lube Oil	**430**	63	NWTPH-Dx	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*83*	*50-150*				
Client ID:	**STP-06-15**					
Laboratory ID:	07-008-08					
Diesel Range Organics	**ND**	36	NWTPH-Dx	7-2-20	7-2-20	U1
Lube Oil	**640**	66	NWTPH-Dx	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*83*	*50-150*				
Client ID:	**STP-08-3**					
Laboratory ID:	07-008-09					
Diesel Range Organics	**ND**	31	NWTPH-Dx	7-2-20	7-2-20	
Lube Oil	**83**	62	NWTPH-Dx	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*90*	*50-150*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-12-7**					
Laboratory ID:	07-008-01					
Dichlorodifluoromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Chloromethane	ND	0.0065	EPA 8260D	7-1-20	7-1-20	
Vinyl Chloride	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Bromomethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Chloroethane	ND	0.0065	EPA 8260D	7-1-20	7-1-20	
Trichlorofluoromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Acetone	ND	0.013	EPA 8260D	7-1-20	7-1-20	
Iodomethane	ND	0.0065	EPA 8260D	7-1-20	7-1-20	
Carbon Disulfide	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Methylene Chloride	ND	0.0065	EPA 8260D	7-1-20	7-1-20	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Methyl t-Butyl Ether	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Vinyl Acetate	ND	0.0065	EPA 8260D	7-1-20	7-1-20	
2,2-Dichloropropane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
(cis) 1,2-Dichloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
2-Butanone	ND	0.0065	EPA 8260D	7-1-20	7-1-20	
Bromochloromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Chloroform	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1,1-Trichloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Carbon Tetrachloride	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloropropene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Benzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Trichloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloropropane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Dibromomethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Bromodichloromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
2-Chloroethyl Vinyl Ether	ND	0.0065	EPA 8260D	7-1-20	7-1-20	
(cis) 1,3-Dichloropropene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Methyl Isobutyl Ketone	ND	0.0065	EPA 8260D	7-1-20	7-1-20	
Toluene	ND	0.0065	EPA 8260D	7-1-20	7-1-20	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-12-7**					
Laboratory ID:	07-008-01					
1,1,2-Trichloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Tetrachloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,3-Dichloropropane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
2-Hexanone	ND	0.0065	EPA 8260D	7-1-20	7-1-20	
Dibromochloromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromoethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Chlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Ethylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
m,p-Xylene	ND	0.0026	EPA 8260D	7-1-20	7-1-20	
o-Xylene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Styrene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Bromoform	ND	0.0065	EPA 8260D	7-1-20	7-1-20	
Isopropylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Bromobenzene	ND	0.068	EPA 8260D	7-2-20	7-2-20	
1,1,2,2-Tetrachloroethane	ND	0.068	EPA 8260D	7-2-20	7-2-20	
1,2,3-Trichloropropane	ND	0.068	EPA 8260D	7-2-20	7-2-20	
n-Propylbenzene	ND	0.068	EPA 8260D	7-2-20	7-2-20	
2-Chlorotoluene	ND	0.068	EPA 8260D	7-2-20	7-2-20	
4-Chlorotoluene	ND	0.068	EPA 8260D	7-2-20	7-2-20	
1,3,5-Trimethylbenzene	ND	0.068	EPA 8260D	7-2-20	7-2-20	
tert-Butylbenzene	ND	0.068	EPA 8260D	7-2-20	7-2-20	
1,2,4-Trimethylbenzene	ND	0.068	EPA 8260D	7-2-20	7-2-20	
sec-Butylbenzene	ND	0.068	EPA 8260D	7-2-20	7-2-20	
1,3-Dichlorobenzene	ND	0.068	EPA 8260D	7-2-20	7-2-20	
p-Isopropyltoluene	ND	0.068	EPA 8260D	7-2-20	7-2-20	
1,4-Dichlorobenzene	ND	0.068	EPA 8260D	7-2-20	7-2-20	
1,2-Dichlorobenzene	ND	0.068	EPA 8260D	7-2-20	7-2-20	
n-Butylbenzene	ND	0.068	EPA 8260D	7-2-20	7-2-20	
1,2-Dibromo-3-chloropropane	ND	0.34	EPA 8260D	7-2-20	7-2-20	
1,2,4-Trichlorobenzene	ND	0.068	EPA 8260D	7-2-20	7-2-20	
Hexachlorobutadiene	ND	0.34	EPA 8260D	7-2-20	7-2-20	
Naphthalene	ND	0.34	EPA 8260D	7-2-20	7-2-20	
1,2,3-Trichlorobenzene	ND	0.068	EPA 8260D	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*104*	*74-131*				
Toluene-d8	*105*	*78-128*				
4-Bromofluorobenzene	*81*	*71-130*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-11-2**					
Laboratory ID:	07-008-02					
Dichlorodifluoromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Chloromethane	ND	0.0064	EPA 8260D	7-1-20	7-1-20	
Vinyl Chloride	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Bromomethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Chloroethane	ND	0.0064	EPA 8260D	7-1-20	7-1-20	
Trichlorofluoromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Acetone	ND	0.013	EPA 8260D	7-1-20	7-1-20	
Iodomethane	ND	0.0064	EPA 8260D	7-1-20	7-1-20	
Carbon Disulfide	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Methylene Chloride	ND	0.0064	EPA 8260D	7-1-20	7-1-20	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Methyl t-Butyl Ether	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Vinyl Acetate	ND	0.0064	EPA 8260D	7-1-20	7-1-20	
2,2-Dichloropropane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
(cis) 1,2-Dichloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
2-Butanone	ND	0.0064	EPA 8260D	7-1-20	7-1-20	
Bromochloromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Chloroform	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1,1-Trichloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Carbon Tetrachloride	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloropropene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Benzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Trichloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloropropane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Dibromomethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Bromodichloromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
2-Chloroethyl Vinyl Ether	ND	0.0064	EPA 8260D	7-1-20	7-1-20	
(cis) 1,3-Dichloropropene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Methyl Isobutyl Ketone	ND	0.0064	EPA 8260D	7-1-20	7-1-20	
Toluene	ND	0.0064	EPA 8260D	7-1-20	7-1-20	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-11-2**					
Laboratory ID:	07-008-02					
1,1,2-Trichloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Tetrachloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,3-Dichloropropane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
2-Hexanone	ND	0.0064	EPA 8260D	7-1-20	7-1-20	
Dibromochloromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromoethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Chlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Ethylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
m,p-Xylene	ND	0.0026	EPA 8260D	7-1-20	7-1-20	
o-Xylene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Styrene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Bromoform	ND	0.0064	EPA 8260D	7-1-20	7-1-20	
Isopropylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Bromobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1,2,2-Tetrachloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
n-Propylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
2-Chlorotoluene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
4-Chlorotoluene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,3,5-Trimethylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
tert-Butylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trimethylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
sec-Butylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,3-Dichlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
p-Isopropyltoluene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,4-Dichlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dichlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
n-Butylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromo-3-chloropropane	ND	0.0064	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trichlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Hexachlorobutadiene	ND	0.0064	EPA 8260D	7-1-20	7-1-20	
Naphthalene	ND	0.0064	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*93*	*74-131*				
Toluene-d8	*98*	*78-128*				
4-Bromofluorobenzene	*92*	*71-130*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-10-SP**					
Laboratory ID:	07-008-03					
Dichlorodifluoromethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Chloromethane	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
Vinyl Chloride	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Bromomethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Chloroethane	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
Trichlorofluoromethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Acetone	0.012	0.012	EPA 8260D	7-1-20	7-1-20	
Iodomethane	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
Carbon Disulfide	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Methylene Chloride	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Vinyl Acetate	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
2,2-Dichloropropane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
2-Butanone	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
Bromochloromethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Chloroform	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Carbon Tetrachloride	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloropropene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Benzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Trichloroethene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloropropane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Dibromomethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Bromodichloromethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
2-Chloroethyl Vinyl Ether	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Methyl Isobutyl Ketone	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
Toluene	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-10-SP**					
Laboratory ID:	07-008-03					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Tetrachloroethene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,3-Dichloropropane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
2-Hexanone	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
Dibromochloromethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromoethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Chlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Ethylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
m,p-Xylene	ND	0.0024	EPA 8260D	7-1-20	7-1-20	
o-Xylene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Styrene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Bromoform	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
Isopropylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Bromobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
n-Propylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
2-Chlorotoluene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
4-Chlorotoluene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
tert-Butylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
sec-Butylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
p-Isopropyltoluene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
n-Butylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromo-3-chloropropane	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Hexachlorobutadiene	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
Naphthalene	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*101*	*74-131*				
Toluene-d8	*97*	*78-128*				
4-Bromofluorobenzene	*92*	*71-130*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-02-11**					
Laboratory ID:	07-008-04					
Dichlorodifluoromethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Chloromethane	ND	0.0069	EPA 8260D	7-1-20	7-1-20	
Vinyl Chloride	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Bromomethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Chloroethane	ND	0.0069	EPA 8260D	7-1-20	7-1-20	
Trichlorofluoromethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Acetone	ND	0.014	EPA 8260D	7-1-20	7-1-20	
Iodomethane	ND	0.0069	EPA 8260D	7-1-20	7-1-20	
Carbon Disulfide	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Methylene Chloride	ND	0.0069	EPA 8260D	7-1-20	7-1-20	
(trans) 1,2-Dichloroethene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Methyl t-Butyl Ether	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Vinyl Acetate	ND	0.0069	EPA 8260D	7-1-20	7-1-20	
2,2-Dichloropropane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
(cis) 1,2-Dichloroethene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
2-Butanone	ND	0.0069	EPA 8260D	7-1-20	7-1-20	
Bromochloromethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Chloroform	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1,1-Trichloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Carbon Tetrachloride	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloropropene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Benzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Trichloroethene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloropropane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Dibromomethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Bromodichloromethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
2-Chloroethyl Vinyl Ether	ND	0.0069	EPA 8260D	7-1-20	7-1-20	
(cis) 1,3-Dichloropropene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Methyl Isobutyl Ketone	ND	0.0069	EPA 8260D	7-1-20	7-1-20	
Toluene	ND	0.0069	EPA 8260D	7-1-20	7-1-20	
(trans) 1,3-Dichloropropene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-02-11**					
Laboratory ID:	07-008-04					
1,1,2-Trichloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Tetrachloroethene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,3-Dichloropropane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
2-Hexanone	ND	0.0069	EPA 8260D	7-1-20	7-1-20	
Dibromochloromethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromoethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Chlorobenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1,1,2-Tetrachloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Ethylbenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
m,p-Xylene	ND	0.0028	EPA 8260D	7-1-20	7-1-20	
o-Xylene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Styrene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Bromoform	ND	0.0069	EPA 8260D	7-1-20	7-1-20	
Isopropylbenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Bromobenzene	ND	0.071	EPA 8260D	7-2-20	7-2-20	
1,1,2,2-Tetrachloroethane	ND	0.071	EPA 8260D	7-2-20	7-2-20	
1,2,3-Trichloropropane	ND	0.071	EPA 8260D	7-2-20	7-2-20	
n-Propylbenzene	ND	0.071	EPA 8260D	7-2-20	7-2-20	
2-Chlorotoluene	ND	0.071	EPA 8260D	7-2-20	7-2-20	
4-Chlorotoluene	ND	0.071	EPA 8260D	7-2-20	7-2-20	
1,3,5-Trimethylbenzene	ND	0.071	EPA 8260D	7-2-20	7-2-20	
tert-Butylbenzene	ND	0.071	EPA 8260D	7-2-20	7-2-20	
1,2,4-Trimethylbenzene	ND	0.071	EPA 8260D	7-2-20	7-2-20	
sec-Butylbenzene	ND	0.071	EPA 8260D	7-2-20	7-2-20	
1,3-Dichlorobenzene	ND	0.071	EPA 8260D	7-2-20	7-2-20	
p-Isopropyltoluene	ND	0.071	EPA 8260D	7-2-20	7-2-20	
1,4-Dichlorobenzene	ND	0.071	EPA 8260D	7-2-20	7-2-20	
1,2-Dichlorobenzene	ND	0.071	EPA 8260D	7-2-20	7-2-20	
n-Butylbenzene	ND	0.071	EPA 8260D	7-2-20	7-2-20	
1,2-Dibromo-3-chloropropane	ND	0.35	EPA 8260D	7-2-20	7-2-20	
1,2,4-Trichlorobenzene	ND	0.071	EPA 8260D	7-2-20	7-2-20	
Hexachlorobutadiene	ND	0.35	EPA 8260D	7-2-20	7-2-20	
Naphthalene	ND	0.35	EPA 8260D	7-2-20	7-2-20	
1,2,3-Trichlorobenzene	ND	0.071	EPA 8260D	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*95*	*74-131*				
Toluene-d8	*99*	*78-128*				
4-Bromofluorobenzene	*76*	*71-130*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-03-15**					
Laboratory ID:	07-008-05					
Dichlorodifluoromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Chloromethane	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
Vinyl Chloride	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Bromomethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Chloroethane	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
Trichlorofluoromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Acetone	0.015	0.013	EPA 8260D	7-1-20	7-1-20	
Iodomethane	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
Carbon Disulfide	0.0039	0.0013	EPA 8260D	7-1-20	7-1-20	
Methylene Chloride	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Methyl t-Butyl Ether	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Vinyl Acetate	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
2,2-Dichloropropane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
(cis) 1,2-Dichloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
2-Butanone	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
Bromochloromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Chloroform	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1,1-Trichloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Carbon Tetrachloride	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloropropene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Benzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Trichloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloropropane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Dibromomethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Bromodichloromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
2-Chloroethyl Vinyl Ether	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
(cis) 1,3-Dichloropropene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Methyl Isobutyl Ketone	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
Toluene	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-03-15**					
Laboratory ID:	07-008-05					
1,1,2-Trichloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Tetrachloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,3-Dichloropropane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
2-Hexanone	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
Dibromochloromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromoethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Chlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Ethylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
m,p-Xylene	ND	0.0025	EPA 8260D	7-1-20	7-1-20	
o-Xylene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Styrene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Bromoform	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
Isopropylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Bromobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1,2,2-Tetrachloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
n-Propylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
2-Chlorotoluene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
4-Chlorotoluene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,3,5-Trimethylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
tert-Butylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trimethylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
sec-Butylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,3-Dichlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
p-Isopropyltoluene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,4-Dichlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dichlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
n-Butylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromo-3-chloropropane	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trichlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Hexachlorobutadiene	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
Naphthalene	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*91*	*74-131*				
Toluene-d8	*110*	*78-128*				
4-Bromofluorobenzene	*104*	*71-130*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-04-15**					
Laboratory ID:	07-008-06					
Dichlorodifluoromethane	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
Chloromethane	ND	0.0097	EPA 8260D	7-1-20	7-1-20	
Vinyl Chloride	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
Bromomethane	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
Chloroethane	ND	0.0097	EPA 8260D	7-1-20	7-1-20	
Trichlorofluoromethane	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
Acetone	0.26	0.019	EPA 8260D	7-1-20	7-1-20	
Iodomethane	ND	0.0097	EPA 8260D	7-1-20	7-1-20	
Carbon Disulfide	0.0030	0.0019	EPA 8260D	7-1-20	7-1-20	
Methylene Chloride	ND	0.0097	EPA 8260D	7-1-20	7-1-20	
(trans) 1,2-Dichloroethene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
Methyl t-Butyl Ether	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethane	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
Vinyl Acetate	ND	0.0097	EPA 8260D	7-1-20	7-1-20	
2,2-Dichloropropane	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
(cis) 1,2-Dichloroethene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
2-Butanone	0.069	0.0097	EPA 8260D	7-1-20	7-1-20	
Bromochloromethane	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
Chloroform	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
1,1,1-Trichloroethane	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
Carbon Tetrachloride	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloropropene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
Benzene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloroethane	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
Trichloroethene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloropropane	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
Dibromomethane	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
Bromodichloromethane	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
2-Chloroethyl Vinyl Ether	ND	0.0097	EPA 8260D	7-1-20	7-1-20	
(cis) 1,3-Dichloropropene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
Methyl Isobutyl Ketone	ND	0.0097	EPA 8260D	7-1-20	7-1-20	
Toluene	ND	0.0097	EPA 8260D	7-1-20	7-1-20	
(trans) 1,3-Dichloropropene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-04-15**					
Laboratory ID:	07-008-06					
1,1,2-Trichloroethane	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
Tetrachloroethene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
1,3-Dichloropropane	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
2-Hexanone	ND	0.0097	EPA 8260D	7-1-20	7-1-20	
Dibromochloromethane	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromoethane	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
Chlorobenzene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
1,1,1,2-Tetrachloroethane	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
Ethylbenzene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
m,p-Xylene	ND	0.0039	EPA 8260D	7-1-20	7-1-20	
o-Xylene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
Styrene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
Bromoform	ND	0.0097	EPA 8260D	7-1-20	7-1-20	
Isopropylbenzene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
Bromobenzene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
1,1,2,2-Tetrachloroethane	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichloropropane	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
n-Propylbenzene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
2-Chlorotoluene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
4-Chlorotoluene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
1,3,5-Trimethylbenzene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
tert-Butylbenzene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trimethylbenzene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
sec-Butylbenzene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
1,3-Dichlorobenzene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
p-Isopropyltoluene	0.0028	0.0019	EPA 8260D	7-1-20	7-1-20	
1,4-Dichlorobenzene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
1,2-Dichlorobenzene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
n-Butylbenzene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromo-3-chloropropane	ND	0.0097	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trichlorobenzene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
Hexachlorobutadiene	ND	0.0097	EPA 8260D	7-1-20	7-1-20	
Naphthalene	ND	0.0097	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichlorobenzene	ND	0.0019	EPA 8260D	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*90*	*74-131*				
Toluene-d8	*99*	*78-128*				
4-Bromofluorobenzene	*92*	*71-130*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-05-10**					
Laboratory ID:	07-008-07					
Dichlorodifluoromethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Chloromethane	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
Vinyl Chloride	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Bromomethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Chloroethane	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
Trichlorofluoromethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Acetone	ND	0.014	EPA 8260D	7-1-20	7-1-20	
Iodomethane	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
Carbon Disulfide	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Methylene Chloride	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
(trans) 1,2-Dichloroethene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Methyl t-Butyl Ether	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Vinyl Acetate	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
2,2-Dichloropropane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
(cis) 1,2-Dichloroethene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
2-Butanone	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
Bromochloromethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Chloroform	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1,1-Trichloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Carbon Tetrachloride	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloropropene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Benzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Trichloroethene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloropropane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Dibromomethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Bromodichloromethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
2-Chloroethyl Vinyl Ether	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
(cis) 1,3-Dichloropropene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Methyl Isobutyl Ketone	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
Toluene	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
(trans) 1,3-Dichloropropene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-05-10**					
Laboratory ID:	07-008-07					
1,1,2-Trichloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Tetrachloroethene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,3-Dichloropropane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
2-Hexanone	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
Dibromochloromethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromoethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Chlorobenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1,1,2-Tetrachloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Ethylbenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
m,p-Xylene	ND	0.0027	EPA 8260D	7-1-20	7-1-20	
o-Xylene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Styrene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Bromoform	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
Isopropylbenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Bromobenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,1,2,2-Tetrachloroethane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichloropropane	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
n-Propylbenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
2-Chlorotoluene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
4-Chlorotoluene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,3,5-Trimethylbenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
tert-Butylbenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trimethylbenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
sec-Butylbenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,3-Dichlorobenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
p-Isopropyltoluene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,4-Dichlorobenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,2-Dichlorobenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
n-Butylbenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromo-3-chloropropane	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trichlorobenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Hexachlorobutadiene	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
Naphthalene	ND	0.0068	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichlorobenzene	ND	0.0014	EPA 8260D	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*90*	*74-131*				
Toluene-d8	*100*	*78-128*				
4-Bromofluorobenzene	*87*	*71-130*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-06-15**					
Laboratory ID:	07-008-08					
Dichlorodifluoromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Chloromethane	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
Vinyl Chloride	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Bromomethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Chloroethane	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
Trichlorofluoromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Acetone	0.075	0.013	EPA 8260D	7-1-20	7-1-20	
Iodomethane	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
Carbon Disulfide	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Methylene Chloride	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Methyl t-Butyl Ether	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Vinyl Acetate	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
2,2-Dichloropropane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
(cis) 1,2-Dichloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
2-Butanone	0.017	0.0063	EPA 8260D	7-1-20	7-1-20	
Bromochloromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Chloroform	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1,1-Trichloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Carbon Tetrachloride	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloropropene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Benzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Trichloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloropropane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Dibromomethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Bromodichloromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
2-Chloroethyl Vinyl Ether	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
(cis) 1,3-Dichloropropene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Methyl Isobutyl Ketone	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
Toluene	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-06-15**					
Laboratory ID:	07-008-08					
1,1,2-Trichloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Tetrachloroethene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,3-Dichloropropane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
2-Hexanone	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
Dibromochloromethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromoethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Chlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Ethylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
m,p-Xylene	ND	0.0025	EPA 8260D	7-1-20	7-1-20	
o-Xylene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Styrene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Bromoform	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
Isopropylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
Bromobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,1,2,2-Tetrachloroethane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
n-Propylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
2-Chlorotoluene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
4-Chlorotoluene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,3,5-Trimethylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
tert-Butylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trimethylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
sec-Butylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,3-Dichlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
p-Isopropyltoluene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,4-Dichlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dichlorobenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
n-Butylbenzene	ND	0.0013	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromo-3-chloropropane	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trichlorobenzene	0.0050	0.0013	EPA 8260D	7-1-20	7-1-20	
Hexachlorobutadiene	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
Naphthalene	ND	0.0063	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichlorobenzene	0.0019	0.0013	EPA 8260D	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*85*	*74-131*				
Toluene-d8	*104*	*78-128*				
4-Bromofluorobenzene	*91*	*71-130*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-08-3**					
Laboratory ID:	07-008-09					
Dichlorodifluoromethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Chloromethane	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
Vinyl Chloride	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Bromomethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Chloroethane	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
Trichlorofluoromethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Acetone	ND	0.012	EPA 8260D	7-1-20	7-1-20	
Iodomethane	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
Carbon Disulfide	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Methylene Chloride	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Vinyl Acetate	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
2,2-Dichloropropane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
2-Butanone	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
Bromochloromethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Chloroform	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Carbon Tetrachloride	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloropropene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Benzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Trichloroethene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloropropane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Dibromomethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Bromodichloromethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
2-Chloroethyl Vinyl Ether	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Methyl Isobutyl Ketone	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
Toluene	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-08-3**					
Laboratory ID:	07-008-09					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Tetrachloroethene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,3-Dichloropropane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
2-Hexanone	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
Dibromochloromethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromoethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Chlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Ethylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
m,p-Xylene	ND	0.0024	EPA 8260D	7-1-20	7-1-20	
o-Xylene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Styrene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Bromoform	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
Isopropylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Bromobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
n-Propylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
2-Chlorotoluene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
4-Chlorotoluene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
tert-Butylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
sec-Butylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
p-Isopropyltoluene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
n-Butylbenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromo-3-chloropropane	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Hexachlorobutadiene	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
Naphthalene	ND	0.0059	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260D	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*74-131*				
Toluene-d8	*104*	*78-128*				
4-Bromofluorobenzene	*94*	*71-130*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-12-7**					
Laboratory ID:	07-008-01					
n-Nitrosodimethylamine	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
Pyridine	**ND**	8.2	EPA 8270E	7-1-20	7-3-20	
Phenol	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
Aniline	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethyl)ether	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
2-Chlorophenol	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
1,3-Dichlorobenzene	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
1,4-Dichlorobenzene	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
Benzyl alcohol	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
1,2-Dichlorobenzene	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
2-Methylphenol (o-Cresol)	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroisopropyl)ether	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
n-Nitroso-di-n-propylamine	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
Hexachloroethane	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
Nitrobenzene	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
Isophorone	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
2-Nitrophenol	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
2,4-Dimethylphenol	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethoxy)methane	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
2,4-Dichlorophenol	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
1,2,4-Trichlorobenzene	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
Naphthalene	**0.29**	0.033	EPA 8270E/SIM	7-1-20	7-3-20	
4-Chloroaniline	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
Hexachlorobutadiene	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
4-Chloro-3-methylphenol	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
2-Methylnaphthalene	**0.048**	0.033	EPA 8270E/SIM	7-1-20	7-3-20	
1-Methylnaphthalene	**ND**	0.033	EPA 8270E/SIM	7-1-20	7-3-20	
Hexachlorocyclopentadiene	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
2,4,6-Trichlorophenol	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
2,3-Dichloroaniline	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
2,4,5-Trichlorophenol	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
2-Chloronaphthalene	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
2-Nitroaniline	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
1,4-Dinitrobenzene	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
Dimethylphthalate	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
1,3-Dinitrobenzene	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
2,6-Dinitrotoluene	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
1,2-Dinitrobenzene	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
Acenaphthylene	**ND**	0.033	EPA 8270E/SIM	7-1-20	7-3-20	
3-Nitroaniline	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-12-7**					
Laboratory ID:	07-008-01					
2,4-Dinitrophenol	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
Acenaphthene	**ND**	0.033	EPA 8270E/SIM	7-1-20	7-3-20	
4-Nitrophenol	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
2,4-Dinitrotoluene	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
Dibenzofuran	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
2,3,5,6-Tetrachlorophenol	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
2,3,4,6-Tetrachlorophenol	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
Diethylphthalate	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
4-Chlorophenyl-phenylether	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
4-Nitroaniline	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
Fluorene	**ND**	0.033	EPA 8270E/SIM	7-1-20	7-3-20	
4,6-Dinitro-2-methylphenol	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
n-Nitrosodiphenylamine	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
1,2-Diphenylhydrazine	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
4-Bromophenyl-phenylether	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
Hexachlorobenzene	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
Pentachlorophenol	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
Phenanthrene	**0.21**	0.033	EPA 8270E/SIM	7-1-20	7-3-20	
Anthracene	**0.038**	0.033	EPA 8270E/SIM	7-1-20	7-3-20	
Carbazole	**ND**	0.82	EPA 8270E	7-1-20	7-3-20	
Di-n-butylphthalate	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
Fluoranthene	**0.20**	0.033	EPA 8270E/SIM	7-1-20	7-3-20	
Pyrene	**0.15**	0.033	EPA 8270E/SIM	7-1-20	7-3-20	
Butylbenzylphthalate	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
bis-2-Ethylhexyladipate	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
3,3'-Dichlorobenzidine	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
Benzo[a]anthracene	**0.065**	0.033	EPA 8270E/SIM	7-1-20	7-3-20	
Chrysene	**0.093**	0.033	EPA 8270E/SIM	7-1-20	7-3-20	
bis(2-Ethylhexyl)phthalate	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
Di-n-octylphthalate	**ND**	4.1	EPA 8270E	7-1-20	7-3-20	
Benzo[b]fluoranthene	**0.10**	0.033	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo(j,k)fluoranthene	**ND**	0.033	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[a]pyrene	**0.079**	0.033	EPA 8270E/SIM	7-1-20	7-3-20	
Indeno[1,2,3-cd]pyrene	**0.062**	0.033	EPA 8270E/SIM	7-1-20	7-3-20	
Dibenz[a,h]anthracene	**ND**	0.033	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[g,h,i]perylene	**0.086**	0.033	EPA 8270E/SIM	7-1-20	7-3-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*61*	*22 - 109*				
Phenol-d6	*67*	*36 - 110*				
Nitrobenzene-d5	*82*	*31 - 109*				
2-Fluorobiphenyl	*80*	*45 - 107*				
2,4,6-Tribromophenol	*79*	*43 - 124*				
Terphenyl-d14	*78*	*52 - 118*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-11-2**					
Laboratory ID:	07-008-02					
n-Nitrosodimethylamine	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
Pyridine	**ND**	23	EPA 8270E	7-1-20	7-3-20	
Phenol	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
Aniline	**ND**	11	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethyl)ether	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
2-Chlorophenol	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
1,3-Dichlorobenzene	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
1,4-Dichlorobenzene	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
Benzyl alcohol	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
1,2-Dichlorobenzene	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
2-Methylphenol (o-Cresol)	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroisopropyl)ether	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
n-Nitroso-di-n-propylamine	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
Hexachloroethane	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
Nitrobenzene	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
Isophorone	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
2-Nitrophenol	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
2,4-Dimethylphenol	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethoxy)methane	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
2,4-Dichlorophenol	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
1,2,4-Trichlorobenzene	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
Naphthalene	**ND**	0.090	EPA 8270E/SIM	7-1-20	7-6-20	
4-Chloroaniline	**ND**	11	EPA 8270E	7-1-20	7-3-20	
Hexachlorobutadiene	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
4-Chloro-3-methylphenol	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
2-Methylnaphthalene	**ND**	0.090	EPA 8270E/SIM	7-1-20	7-6-20	
1-Methylnaphthalene	**ND**	0.090	EPA 8270E/SIM	7-1-20	7-6-20	
Hexachlorocyclopentadiene	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
2,4,6-Trichlorophenol	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
2,3-Dichloroaniline	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
2,4,5-Trichlorophenol	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
2-Chloronaphthalene	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
2-Nitroaniline	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
1,4-Dinitrobenzene	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
Dimethylphthalate	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
1,3-Dinitrobenzene	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
2,6-Dinitrotoluene	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
1,2-Dinitrobenzene	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
Acenaphthylene	**ND**	0.090	EPA 8270E/SIM	7-1-20	7-6-20	
3-Nitroaniline	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	

Date of Report: July 13, 2020
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Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-11-2**					
Laboratory ID:	07-008-02					
2,4-Dinitrophenol	**ND**	11	EPA 8270E	7-1-20	7-3-20	
Acenaphthene	**ND**	0.090	EPA 8270E/SIM	7-1-20	7-6-20	
4-Nitrophenol	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
2,4-Dinitrotoluene	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
Dibenzofuran	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
2,3,5,6-Tetrachlorophenol	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
2,3,4,6-Tetrachlorophenol	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
Diethylphthalate	**ND**	11	EPA 8270E	7-1-20	7-3-20	
4-Chlorophenyl-phenylether	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
4-Nitroaniline	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
Fluorene	**ND**	0.090	EPA 8270E/SIM	7-1-20	7-6-20	
4,6-Dinitro-2-methylphenol	**ND**	11	EPA 8270E	7-1-20	7-3-20	
n-Nitrosodiphenylamine	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
1,2-Diphenylhydrazine	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
4-Bromophenyl-phenylether	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
Hexachlorobenzene	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
Pentachlorophenol	**ND**	11	EPA 8270E	7-1-20	7-3-20	
Phenanthrene	**ND**	0.090	EPA 8270E/SIM	7-1-20	7-6-20	
Anthracene	**ND**	0.090	EPA 8270E/SIM	7-1-20	7-6-20	
Carbazole	**ND**	2.3	EPA 8270E	7-1-20	7-3-20	
Di-n-butylphthalate	**ND**	11	EPA 8270E	7-1-20	7-3-20	
Fluoranthene	**0.11**	0.090	EPA 8270E/SIM	7-1-20	7-6-20	
Pyrene	**0.13**	0.090	EPA 8270E/SIM	7-1-20	7-6-20	
Butylbenzylphthalate	**ND**	11	EPA 8270E	7-1-20	7-3-20	
bis-2-Ethylhexyladipate	**ND**	11	EPA 8270E	7-1-20	7-3-20	
3,3'-Dichlorobenzidine	**ND**	11	EPA 8270E	7-1-20	7-3-20	
Benzo[a]anthracene	**ND**	0.090	EPA 8270E/SIM	7-1-20	7-6-20	
Chrysene	**0.11**	0.090	EPA 8270E/SIM	7-1-20	7-6-20	
bis(2-Ethylhexyl)phthalate	**ND**	11	EPA 8270E	7-1-20	7-3-20	
Di-n-octylphthalate	**ND**	11	EPA 8270E	7-1-20	7-3-20	
Benzo[b]fluoranthene	**0.10**	0.090	EPA 8270E/SIM	7-1-20	7-6-20	
Benzo(j,k)fluoranthene	**ND**	0.090	EPA 8270E/SIM	7-1-20	7-6-20	
Benzo[a]pyrene	**0.10**	0.090	EPA 8270E/SIM	7-1-20	7-6-20	
Indeno[1,2,3-cd]pyrene	**ND**	0.090	EPA 8270E/SIM	7-1-20	7-6-20	
Dibenz[a,h]anthracene	**ND**	0.090	EPA 8270E/SIM	7-1-20	7-6-20	
Benzo[g,h,i]perylene	**0.11**	0.090	EPA 8270E/SIM	7-1-20	7-6-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	---	*22 - 109*				S
Phenol-d6	---	*36 - 110*				S
Nitrobenzene-d5	---	*31 - 109*				S
2-Fluorobiphenyl	---	*45 - 107*				S
2,4,6-Tribromophenol	---	*43 - 124*				S
Terphenyl-d14	---	*52 - 118*				S

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-10-SP**					
Laboratory ID:	07-008-03					
n-Nitrosodimethylamine	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
Pyridine	**ND**	0.43	EPA 8270E	7-1-20	7-2-20	
Phenol	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
Aniline	**ND**	0.22	EPA 8270E	7-1-20	7-2-20	
bis(2-Chloroethyl)ether	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
2-Chlorophenol	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
1,3-Dichlorobenzene	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
1,4-Dichlorobenzene	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
Benzyl alcohol	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
1,2-Dichlorobenzene	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
2-Methylphenol (o-Cresol)	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
bis(2-Chloroisopropyl)ether	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
n-Nitroso-di-n-propylamine	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
Hexachloroethane	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
Nitrobenzene	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
Isophorone	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
2-Nitrophenol	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
2,4-Dimethylphenol	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
bis(2-Chloroethoxy)methane	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
2,4-Dichlorophenol	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
1,2,4-Trichlorobenzene	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
Naphthalene	**0.0090**	0.0086	EPA 8270E/SIM	7-1-20	7-6-20	
4-Chloroaniline	**ND**	0.22	EPA 8270E	7-1-20	7-2-20	
Hexachlorobutadiene	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
4-Chloro-3-methylphenol	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
2-Methylnaphthalene	**ND**	0.0086	EPA 8270E/SIM	7-1-20	7-6-20	
1-Methylnaphthalene	**ND**	0.0086	EPA 8270E/SIM	7-1-20	7-6-20	
Hexachlorocyclopentadiene	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
2,4,6-Trichlorophenol	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
2,3-Dichloroaniline	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
2,4,5-Trichlorophenol	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
2-Chloronaphthalene	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
2-Nitroaniline	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
1,4-Dinitrobenzene	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
Dimethylphthalate	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
1,3-Dinitrobenzene	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
2,6-Dinitrotoluene	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
1,2-Dinitrobenzene	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
Acenaphthylene	**ND**	0.0086	EPA 8270E/SIM	7-1-20	7-6-20	
3-Nitroaniline	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-10-SP**					
Laboratory ID:	07-008-03					
2,4-Dinitrophenol	**ND**	0.29	EPA 8270E	7-1-20	7-2-20	
Acenaphthene	**ND**	0.0086	EPA 8270E/SIM	7-1-20	7-6-20	
4-Nitrophenol	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
2,4-Dinitrotoluene	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
Dibenzofuran	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
2,3,5,6-Tetrachlorophenol	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
2,3,4,6-Tetrachlorophenol	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
Diethylphthalate	**ND**	0.22	EPA 8270E	7-1-20	7-2-20	
4-Chlorophenyl-phenylether	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
4-Nitroaniline	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
Fluorene	**ND**	0.0086	EPA 8270E/SIM	7-1-20	7-6-20	
4,6-Dinitro-2-methylphenol	**ND**	0.22	EPA 8270E	7-1-20	7-2-20	
n-Nitrosodiphenylamine	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
1,2-Diphenylhydrazine	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
4-Bromophenyl-phenylether	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
Hexachlorobenzene	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
Pentachlorophenol	**ND**	0.22	EPA 8270E	7-1-20	7-2-20	
Phenanthrene	**0.017**	0.0086	EPA 8270E/SIM	7-1-20	7-6-20	
Anthracene	**ND**	0.0086	EPA 8270E/SIM	7-1-20	7-6-20	
Carbazole	**ND**	0.043	EPA 8270E	7-1-20	7-2-20	
Di-n-butylphthalate	**ND**	0.22	EPA 8270E	7-1-20	7-2-20	
Fluoranthene	**0.021**	0.0086	EPA 8270E/SIM	7-1-20	7-6-20	
Pyrene	**0.029**	0.0086	EPA 8270E/SIM	7-1-20	7-6-20	
Butylbenzylphthalate	**ND**	0.22	EPA 8270E	7-1-20	7-2-20	
bis-2-Ethylhexyladipate	**ND**	0.22	EPA 8270E	7-1-20	7-2-20	
3,3'-Dichlorobenzidine	**ND**	0.22	EPA 8270E	7-1-20	7-2-20	
Benzo[a]anthracene	**0.010**	0.0086	EPA 8270E/SIM	7-1-20	7-6-20	
Chrysene	**0.014**	0.0086	EPA 8270E/SIM	7-1-20	7-6-20	
bis(2-Ethylhexyl)phthalate	**ND**	0.22	EPA 8270E	7-1-20	7-2-20	
Di-n-octylphthalate	**ND**	0.22	EPA 8270E	7-1-20	7-2-20	
Benzo[b]fluoranthene	**0.015**	0.0086	EPA 8270E/SIM	7-1-20	7-6-20	
Benzo(j,k)fluoranthene	**ND**	0.0086	EPA 8270E/SIM	7-1-20	7-6-20	
Benzo[a]pyrene	**0.013**	0.0086	EPA 8270E/SIM	7-1-20	7-6-20	
Indeno[1,2,3-cd]pyrene	**0.0093**	0.0086	EPA 8270E/SIM	7-1-20	7-6-20	
Dibenz[a,h]anthracene	**ND**	0.0086	EPA 8270E/SIM	7-1-20	7-6-20	
Benzo[g,h,i]perylene	**0.010**	0.0086	EPA 8270E/SIM	7-1-20	7-6-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*67*	*22 - 109*				
Phenol-d6	*80*	*36 - 110*				
Nitrobenzene-d5	*78*	*31 - 109*				
2-Fluorobiphenyl	*83*	*45 - 107*				
2,4,6-Tribromophenol	*89*	*43 - 124*				
Terphenyl-d14	*81*	*52 - 118*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-02-11**					
Laboratory ID:	07-008-04					
n-Nitrosodimethylamine	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
Pyridine	**ND**	42	EPA 8270E	7-1-20	7-3-20	
Phenol	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
Aniline	**ND**	21	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethyl)ether	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
2-Chlorophenol	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
1,3-Dichlorobenzene	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
1,4-Dichlorobenzene	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
Benzyl alcohol	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
1,2-Dichlorobenzene	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
2-Methylphenol (o-Cresol)	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroisopropyl)ether	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
n-Nitroso-di-n-propylamine	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
Hexachloroethane	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
Nitrobenzene	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
Isophorone	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
2-Nitrophenol	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
2,4-Dimethylphenol	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethoxy)methane	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
2,4-Dichlorophenol	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
1,2,4-Trichlorobenzene	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
Naphthalene	**ND**	0.17	EPA 8270E/SIM	7-1-20	7-3-20	
4-Chloroaniline	**ND**	21	EPA 8270E	7-1-20	7-3-20	
Hexachlorobutadiene	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
4-Chloro-3-methylphenol	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
2-Methylnaphthalene	**ND**	0.17	EPA 8270E/SIM	7-1-20	7-3-20	
1-Methylnaphthalene	**ND**	0.17	EPA 8270E/SIM	7-1-20	7-3-20	
Hexachlorocyclopentadiene	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
2,4,6-Trichlorophenol	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
2,3-Dichloroaniline	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
2,4,5-Trichlorophenol	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
2-Chloronaphthalene	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
2-Nitroaniline	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
1,4-Dinitrobenzene	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
Dimethylphthalate	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
1,3-Dinitrobenzene	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
2,6-Dinitrotoluene	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
1,2-Dinitrobenzene	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
Acenaphthylene	**0.26**	0.17	EPA 8270E/SIM	7-1-20	7-3-20	
3-Nitroaniline	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-02-11**					
Laboratory ID:	07-008-04					
2,4-Dinitrophenol	**ND**	21	EPA 8270E	7-1-20	7-3-20	
Acenaphthene	**ND**	0.17	EPA 8270E/SIM	7-1-20	7-3-20	
4-Nitrophenol	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
2,4-Dinitrotoluene	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
Dibenzofuran	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
2,3,5,6-Tetrachlorophenol	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
2,3,4,6-Tetrachlorophenol	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
Diethylphthalate	**ND**	21	EPA 8270E	7-1-20	7-3-20	
4-Chlorophenyl-phenylether	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
4-Nitroaniline	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
Fluorene	**ND**	0.17	EPA 8270E/SIM	7-1-20	7-3-20	
4,6-Dinitro-2-methylphenol	**ND**	21	EPA 8270E	7-1-20	7-3-20	
n-Nitrosodiphenylamine	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
1,2-Diphenylhydrazine	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
4-Bromophenyl-phenylether	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
Hexachlorobenzene	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
Pentachlorophenol	**ND**	21	EPA 8270E	7-1-20	7-3-20	
Phenanthrene	**0.28**	0.17	EPA 8270E/SIM	7-1-20	7-3-20	
Anthracene	**0.27**	0.17	EPA 8270E/SIM	7-1-20	7-3-20	
Carbazole	**ND**	4.2	EPA 8270E	7-1-20	7-3-20	
Di-n-butylphthalate	**ND**	21	EPA 8270E	7-1-20	7-3-20	
Fluoranthene	**0.72**	0.17	EPA 8270E/SIM	7-1-20	7-3-20	
Pyrene	**0.88**	0.17	EPA 8270E/SIM	7-1-20	7-3-20	
Butylbenzylphthalate	**ND**	21	EPA 8270E	7-1-20	7-3-20	
bis-2-Ethylhexyladipate	**ND**	21	EPA 8270E	7-1-20	7-3-20	
3,3'-Dichlorobenzidine	**ND**	21	EPA 8270E	7-1-20	7-3-20	
Benzo[a]anthracene	**0.61**	0.17	EPA 8270E/SIM	7-1-20	7-3-20	
Chrysene	**0.78**	0.17	EPA 8270E/SIM	7-1-20	7-3-20	
bis(2-Ethylhexyl)phthalate	**ND**	21	EPA 8270E	7-1-20	7-3-20	
Di-n-octylphthalate	**ND**	21	EPA 8270E	7-1-20	7-3-20	
Benzo[b]fluoranthene	**1.5**	0.17	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo(j,k)fluoranthene	**0.43**	0.17	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[a]pyrene	**1.2**	0.17	EPA 8270E/SIM	7-1-20	7-3-20	
Indeno[1,2,3-cd]pyrene	**1.2**	0.17	EPA 8270E/SIM	7-1-20	7-3-20	
Dibenz[a,h]anthracene	**0.25**	0.17	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[g,h,i]perylene	**1.4**	0.17	EPA 8270E/SIM	7-1-20	7-3-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	---	*22 - 109*				S
Phenol-d6	---	*36 - 110*				S
Nitrobenzene-d5	---	*31 - 109*				S
2-Fluorobiphenyl	---	*45 - 107*				S
2,4,6-Tribromophenol	---	*43 - 124*				S
Terphenyl-d14	---	*52 - 118*				S

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Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-03-15**					
Laboratory ID:	07-008-05					
n-Nitrosodimethylamine	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
Pyridine	**ND**	0.42	EPA 8270E	7-1-20	7-3-20	
Phenol	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
Aniline	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethyl)ether	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
2-Chlorophenol	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
1,3-Dichlorobenzene	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
1,4-Dichlorobenzene	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
Benzyl alcohol	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
1,2-Dichlorobenzene	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
2-Methylphenol (o-Cresol)	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroisopropyl)ether	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
n-Nitroso-di-n-propylamine	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
Hexachloroethane	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
Nitrobenzene	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
Isophorone	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
2-Nitrophenol	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
2,4-Dimethylphenol	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethoxy)methane	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
2,4-Dichlorophenol	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
1,2,4-Trichlorobenzene	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
Naphthalene	**0.0046**	0.0017	EPA 8270E/SIM	7-1-20	7-3-20	
4-Chloroaniline	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Hexachlorobutadiene	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
4-Chloro-3-methylphenol	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
2-Methylnaphthalene	**0.0028**	0.0017	EPA 8270E/SIM	7-1-20	7-3-20	
1-Methylnaphthalene	**ND**	0.0017	EPA 8270E/SIM	7-1-20	7-3-20	
Hexachlorocyclopentadiene	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
2,4,6-Trichlorophenol	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
2,3-Dichloroaniline	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
2,4,5-Trichlorophenol	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
2-Chloronaphthalene	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
2-Nitroaniline	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
1,4-Dinitrobenzene	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
Dimethylphthalate	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
1,3-Dinitrobenzene	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
2,6-Dinitrotoluene	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
1,2-Dinitrobenzene	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
Acenaphthylene	**ND**	0.0017	EPA 8270E/SIM	7-1-20	7-3-20	
3-Nitroaniline	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-03-15**					
Laboratory ID:	07-008-05					
2,4-Dinitrophenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Acenaphthene	**0.091**	0.042	EPA 8270E	7-1-20	7-3-20	
4-Nitrophenol	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
2,4-Dinitrotoluene	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
Dibenzofuran	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
2,3,5,6-Tetrachlorophenol	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
2,3,4,6-Tetrachlorophenol	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
Diethylphthalate	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
4-Chlorophenyl-phenylether	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
4-Nitroaniline	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
Fluorene	**0.024**	0.0017	EPA 8270E/SIM	7-1-20	7-3-20	
4,6-Dinitro-2-methylphenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
n-Nitrosodiphenylamine	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
1,2-Diphenylhydrazine	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
4-Bromophenyl-phenylether	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
Hexachlorobenzene	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
Pentachlorophenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Phenanthrene	**0.0023**	0.0017	EPA 8270E/SIM	7-1-20	7-3-20	
Anthracene	**0.0031**	0.0017	EPA 8270E/SIM	7-1-20	7-3-20	
Carbazole	**ND**	0.042	EPA 8270E	7-1-20	7-3-20	
Di-n-butylphthalate	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Fluoranthene	**0.022**	0.0017	EPA 8270E/SIM	7-1-20	7-3-20	
Pyrene	**0.030**	0.0017	EPA 8270E/SIM	7-1-20	7-3-20	
Butylbenzylphthalate	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
bis-2-Ethylhexyladipate	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
3,3'-Dichlorobenzidine	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Benzo[a]anthracene	**0.0063**	0.0017	EPA 8270E/SIM	7-1-20	7-3-20	
Chrysene	**0.011**	0.0017	EPA 8270E/SIM	7-1-20	7-3-20	
bis(2-Ethylhexyl)phthalate	**0.52**	0.21	EPA 8270E	7-1-20	7-3-20	
Di-n-octylphthalate	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Benzo[b]fluoranthene	**0.0094**	0.0017	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo(j,k)fluoranthene	**0.0024**	0.0017	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[a]pyrene	**0.0072**	0.0017	EPA 8270E/SIM	7-1-20	7-3-20	
Indeno[1,2,3-cd]pyrene	**0.0052**	0.0017	EPA 8270E/SIM	7-1-20	7-3-20	
Dibenz[a,h]anthracene	**0.0025**	0.0017	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[g,h,i]perylene	**0.0087**	0.0017	EPA 8270E/SIM	7-1-20	7-3-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*57*	*22 - 109*				
Phenol-d6	*76*	*36 - 110*				
Nitrobenzene-d5	*70*	*31 - 109*				
2-Fluorobiphenyl	*73*	*45 - 107*				
2,4,6-Tribromophenol	*88*	*43 - 124*				
Terphenyl-d14	*75*	*52 - 118*				

Date of Report: July 13, 2020
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Laboratory Reference: 2007-008
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-04-15**					
Laboratory ID:	07-008-06					
n-Nitrosodimethylamine	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Pyridine	**ND**	4.4	EPA 8270E	7-1-20	7-3-20	
Phenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Aniline	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethyl)ether	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2-Chlorophenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
1,3-Dichlorobenzene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
1,4-Dichlorobenzene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Benzyl alcohol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
1,2-Dichlorobenzene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2-Methylphenol (o-Cresol)	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroisopropyl)ether	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
(3+4)-Methylphenol (m,p-Cresol)	**1.2**	0.44	EPA 8270E	7-1-20	7-3-20	
n-Nitroso-di-n-propylamine	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Hexachloroethane	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Nitrobenzene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Isophorone	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2-Nitrophenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2,4-Dimethylphenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethoxy)methane	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2,4-Dichlorophenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
1,2,4-Trichlorobenzene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Naphthalene	**0.092**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
4-Chloroaniline	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
Hexachlorobutadiene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
4-Chloro-3-methylphenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2-Methylnaphthalene	**0.052**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
1-Methylnaphthalene	**0.022**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Hexachlorocyclopentadiene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2,4,6-Trichlorophenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2,3-Dichloroaniline	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2,4,5-Trichlorophenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2-Chloronaphthalene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2-Nitroaniline	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
1,4-Dinitrobenzene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Dimethylphthalate	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
1,3-Dinitrobenzene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2,6-Dinitrotoluene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
1,2-Dinitrobenzene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Acenaphthylene	**ND**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
3-Nitroaniline	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	

Date of Report: July 13, 2020
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Laboratory Reference: 2007-008
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-04-15**					
Laboratory ID:	07-008-06					
2,4-Dinitrophenol	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
Acenaphthene	**0.026**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
4-Nitrophenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2,4-Dinitrotoluene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Dibenzofuran	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2,3,5,6-Tetrachlorophenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
2,3,4,6-Tetrachlorophenol	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Diethylphthalate	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
4-Chlorophenyl-phenylether	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
4-Nitroaniline	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Fluorene	**0.031**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
4,6-Dinitro-2-methylphenol	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
n-Nitrosodiphenylamine	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
1,2-Diphenylhydrazine	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
4-Bromophenyl-phenylether	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Hexachlorobenzene	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Pentachlorophenol	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
Phenanthrene	**0.064**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Anthracene	**0.022**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Carbazole	**ND**	0.44	EPA 8270E	7-1-20	7-3-20	
Di-n-butylphthalate	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
Fluoranthene	**0.069**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Pyrene	**0.088**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Butylbenzylphthalate	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
bis-2-Ethylhexyladipate	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
3,3'-Dichlorobenzidine	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
Benzo[a]anthracene	**0.029**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Chrysene	**0.054**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
bis(2-Ethylhexyl)phthalate	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
Di-n-octylphthalate	**ND**	2.2	EPA 8270E	7-1-20	7-3-20	
Benzo[b]fluoranthene	**0.043**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo(j,k)fluoranthene	**ND**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[a]pyrene	**0.033**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Indeno[1,2,3-cd]pyrene	**0.030**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Dibenz[a,h]anthracene	**ND**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[g,h,i]perylene	**0.036**	0.018	EPA 8270E/SIM	7-1-20	7-3-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*28*	*22 - 109*				
Phenol-d6	*43*	*36 - 110*				
Nitrobenzene-d5	*40*	*31 - 109*				
2-Fluorobiphenyl	*59*	*45 - 107*				
2,4,6-Tribromophenol	*62*	*43 - 124*				
Terphenyl-d14	*65*	*52 - 118*				

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SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-05-10**					
Laboratory ID:	07-008-07					
n-Nitrosodimethylamine	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Pyridine	**ND**	2.1	EPA 8270E	7-1-20	7-3-20	
Phenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Aniline	**ND**	1.1	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethyl)ether	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2-Chlorophenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
1,3-Dichlorobenzene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
1,4-Dichlorobenzene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Benzyl alcohol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
1,2-Dichlorobenzene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2-Methylphenol (o-Cresol)	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroisopropyl)ether	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
n-Nitroso-di-n-propylamine	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Hexachloroethane	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Nitrobenzene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Isophorone	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2-Nitrophenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2,4-Dimethylphenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethoxy)methane	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2,4-Dichlorophenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
1,2,4-Trichlorobenzene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Naphthalene	**0.014**	0.0085	EPA 8270E/SIM	7-1-20	7-3-20	
4-Chloroaniline	**ND**	1.1	EPA 8270E	7-1-20	7-3-20	
Hexachlorobutadiene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
4-Chloro-3-methylphenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2-Methylnaphthalene	**0.011**	0.0085	EPA 8270E/SIM	7-1-20	7-3-20	
1-Methylnaphthalene	**ND**	0.0085	EPA 8270E/SIM	7-1-20	7-3-20	
Hexachlorocyclopentadiene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2,4,6-Trichlorophenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2,3-Dichloroaniline	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2,4,5-Trichlorophenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2-Chloronaphthalene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2-Nitroaniline	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
1,4-Dinitrobenzene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Dimethylphthalate	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
1,3-Dinitrobenzene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2,6-Dinitrotoluene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
1,2-Dinitrobenzene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Acenaphthylene	**ND**	0.0085	EPA 8270E/SIM	7-1-20	7-3-20	
3-Nitroaniline	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	

Date of Report: July 13, 2020
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Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-05-10**					
Laboratory ID:	07-008-07					
2,4-Dinitrophenol	**ND**	1.1	EPA 8270E	7-1-20	7-3-20	
Acenaphthene	**ND**	0.0085	EPA 8270E/SIM	7-1-20	7-3-20	
4-Nitrophenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2,4-Dinitrotoluene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Dibenzofuran	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2,3,5,6-Tetrachlorophenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2,3,4,6-Tetrachlorophenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Diethylphthalate	**ND**	1.1	EPA 8270E	7-1-20	7-3-20	
4-Chlorophenyl-phenylether	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
4-Nitroaniline	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Fluorene	**ND**	0.0085	EPA 8270E/SIM	7-1-20	7-3-20	
4,6-Dinitro-2-methylphenol	**ND**	1.1	EPA 8270E	7-1-20	7-3-20	
n-Nitrosodiphenylamine	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
1,2-Diphenylhydrazine	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
4-Bromophenyl-phenylether	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Hexachlorobenzene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Pentachlorophenol	**ND**	1.1	EPA 8270E	7-1-20	7-3-20	
Phenanthrene	**0.014**	0.0085	EPA 8270E/SIM	7-1-20	7-3-20	
Anthracene	**ND**	0.0085	EPA 8270E/SIM	7-1-20	7-3-20	
Carbazole	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Di-n-butylphthalate	**ND**	1.1	EPA 8270E	7-1-20	7-3-20	
Fluoranthene	**0.015**	0.0085	EPA 8270E/SIM	7-1-20	7-3-20	
Pyrene	**0.016**	0.0085	EPA 8270E/SIM	7-1-20	7-3-20	
Butylbenzylphthalate	**ND**	1.1	EPA 8270E	7-1-20	7-3-20	
bis-2-Ethylhexyladipate	**ND**	1.1	EPA 8270E	7-1-20	7-3-20	
3,3'-Dichlorobenzidine	**ND**	1.1	EPA 8270E	7-1-20	7-3-20	
Benzo[a]anthracene	**ND**	0.0085	EPA 8270E/SIM	7-1-20	7-3-20	
Chrysene	**0.014**	0.0085	EPA 8270E/SIM	7-1-20	7-3-20	
bis(2-Ethylhexyl)phthalate	**ND**	1.1	EPA 8270E	7-1-20	7-3-20	
Di-n-octylphthalate	**ND**	1.1	EPA 8270E	7-1-20	7-3-20	
Benzo[b]fluoranthene	**0.023**	0.0085	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo(j,k)fluoranthene	**ND**	0.0085	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[a]pyrene	**0.015**	0.0085	EPA 8270E/SIM	7-1-20	7-3-20	
Indeno[1,2,3-cd]pyrene	**0.017**	0.0085	EPA 8270E/SIM	7-1-20	7-3-20	
Dibenz[a,h]anthracene	**ND**	0.0085	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[g,h,i]perylene	**0.023**	0.0085	EPA 8270E/SIM	7-1-20	7-3-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*35*	*22 - 109*				
Phenol-d6	*45*	*36 - 110*				
Nitrobenzene-d5	*47*	*31 - 109*				
2-Fluorobiphenyl	*51*	*45 - 107*				
2,4,6-Tribromophenol	*47*	*43 - 124*				
Terphenyl-d14	*47*	*52 - 118*				Q

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-06-15**					
Laboratory ID:	07-008-08					
n-Nitrosodimethylamine	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
Pyridine	**ND**	3.3	EPA 8270E	7-1-20	7-3-20	
Phenol	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
Aniline	**ND**	1.7	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethyl)ether	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
2-Chlorophenol	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
1,3-Dichlorobenzene	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
1,4-Dichlorobenzene	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
Benzyl alcohol	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
1,2-Dichlorobenzene	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
2-Methylphenol (o-Cresol)	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroisopropyl)ether	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
n-Nitroso-di-n-propylamine	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
Hexachloroethane	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
Nitrobenzene	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
Isophorone	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
2-Nitrophenol	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
2,4-Dimethylphenol	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethoxy)methane	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
2,4-Dichlorophenol	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
1,2,4-Trichlorobenzene	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
Naphthalene	**0.073**	0.013	EPA 8270E/SIM	7-1-20	7-3-20	
4-Chloroaniline	**ND**	1.7	EPA 8270E	7-1-20	7-3-20	
Hexachlorobutadiene	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
4-Chloro-3-methylphenol	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
2-Methylnaphthalene	**0.024**	0.013	EPA 8270E/SIM	7-1-20	7-3-20	
1-Methylnaphthalene	**ND**	0.013	EPA 8270E/SIM	7-1-20	7-3-20	
Hexachlorocyclopentadiene	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
2,4,6-Trichlorophenol	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
2,3-Dichloroaniline	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
2,4,5-Trichlorophenol	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
2-Chloronaphthalene	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
2-Nitroaniline	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
1,4-Dinitrobenzene	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
Dimethylphthalate	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
1,3-Dinitrobenzene	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
2,6-Dinitrotoluene	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
1,2-Dinitrobenzene	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
Acenaphthylene	**0.081**	0.013	EPA 8270E/SIM	7-1-20	7-3-20	
3-Nitroaniline	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	

Date of Report: July 13, 2020
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Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-06-15**					
Laboratory ID:	07-008-08					
2,4-Dinitrophenol	**ND**	1.7	EPA 8270E	7-1-20	7-3-20	
Acenaphthene	**0.044**	0.013	EPA 8270E/SIM	7-1-20	7-3-20	
4-Nitrophenol	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
2,4-Dinitrotoluene	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
Dibenzofuran	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
2,3,5,6-Tetrachlorophenol	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
2,3,4,6-Tetrachlorophenol	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
Diethylphthalate	**ND**	1.7	EPA 8270E	7-1-20	7-3-20	
4-Chlorophenyl-phenylether	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
4-Nitroaniline	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
Fluorene	**0.031**	0.013	EPA 8270E/SIM	7-1-20	7-3-20	
4,6-Dinitro-2-methylphenol	**ND**	1.7	EPA 8270E	7-1-20	7-3-20	
n-Nitrosodiphenylamine	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
1,2-Diphenylhydrazine	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
4-Bromophenyl-phenylether	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
Hexachlorobenzene	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
Pentachlorophenol	**ND**	1.7	EPA 8270E	7-1-20	7-3-20	
Phenanthrene	**0.039**	0.013	EPA 8270E/SIM	7-1-20	7-3-20	
Anthracene	**0.053**	0.013	EPA 8270E/SIM	7-1-20	7-3-20	
Carbazole	**ND**	0.33	EPA 8270E	7-1-20	7-3-20	
Di-n-butylphthalate	**ND**	1.7	EPA 8270E	7-1-20	7-3-20	
Fluoranthene	**0.13**	0.013	EPA 8270E/SIM	7-1-20	7-3-20	
Pyrene	**0.19**	0.013	EPA 8270E/SIM	7-1-20	7-3-20	
Butylbenzylphthalate	**ND**	1.7	EPA 8270E	7-1-20	7-3-20	
bis-2-Ethylhexyladipate	**ND**	1.7	EPA 8270E	7-1-20	7-3-20	
3,3'-Dichlorobenzidine	**ND**	1.7	EPA 8270E	7-1-20	7-3-20	
Benzo[a]anthracene	**0.10**	0.013	EPA 8270E/SIM	7-1-20	7-3-20	
Chrysene	**0.15**	0.013	EPA 8270E/SIM	7-1-20	7-3-20	
bis(2-Ethylhexyl)phthalate	**ND**	1.7	EPA 8270E	7-1-20	7-3-20	
Di-n-octylphthalate	**ND**	1.7	EPA 8270E	7-1-20	7-3-20	
Benzo[b]fluoranthene	**0.20**	0.013	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo(j,k)fluoranthene	**0.039**	0.013	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[a]pyrene	**0.19**	0.013	EPA 8270E/SIM	7-1-20	7-3-20	
Indeno[1,2,3-cd]pyrene	**0.12**	0.013	EPA 8270E/SIM	7-1-20	7-3-20	
Dibenz[a,h]anthracene	**0.039**	0.013	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[g,h,i]perylene	**0.20**	0.013	EPA 8270E/SIM	7-1-20	7-3-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*48*	*22 - 109*				
Phenol-d6	*60*	*36 - 110*				
Nitrobenzene-d5	*61*	*31 - 109*				
2-Fluorobiphenyl	*68*	*45 - 107*				
2,4,6-Tribromophenol	*63*	*43 - 124*				
Terphenyl-d14	*64*	*52 - 118*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-08-3**					
Laboratory ID:	07-008-09					
n-Nitrosodimethylamine	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Pyridine	**ND**	2.1	EPA 8270E	7-1-20	7-3-20	
Phenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Aniline	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethyl)ether	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2-Chlorophenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
1,3-Dichlorobenzene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
1,4-Dichlorobenzene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Benzyl alcohol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
1,2-Dichlorobenzene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2-Methylphenol (o-Cresol)	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroisopropyl)ether	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
n-Nitroso-di-n-propylamine	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Hexachloroethane	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Nitrobenzene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Isophorone	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2-Nitrophenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2,4-Dimethylphenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
bis(2-Chloroethoxy)methane	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2,4-Dichlorophenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
1,2,4-Trichlorobenzene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Naphthalene	**0.012**	0.0082	EPA 8270E/SIM	7-1-20	7-3-20	
4-Chloroaniline	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Hexachlorobutadiene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
4-Chloro-3-methylphenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2-Methylnaphthalene	**ND**	0.0082	EPA 8270E/SIM	7-1-20	7-3-20	
1-Methylnaphthalene	**ND**	0.0082	EPA 8270E/SIM	7-1-20	7-3-20	
Hexachlorocyclopentadiene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2,4,6-Trichlorophenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2,3-Dichloroaniline	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2,4,5-Trichlorophenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2-Chloronaphthalene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2-Nitroaniline	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
1,4-Dinitrobenzene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Dimethylphthalate	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
1,3-Dinitrobenzene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2,6-Dinitrotoluene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
1,2-Dinitrobenzene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Acenaphthylene	**0.018**	0.0082	EPA 8270E/SIM	7-1-20	7-3-20	
3-Nitroaniline	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
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Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-08-3**					
Laboratory ID:	07-008-09					
2,4-Dinitrophenol	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Acenaphthene	**ND**	0.0082	EPA 8270E/SIM	7-1-20	7-3-20	
4-Nitrophenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2,4-Dinitrotoluene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Dibenzofuran	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2,3,5,6-Tetrachlorophenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
2,3,4,6-Tetrachlorophenol	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Diethylphthalate	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
4-Chlorophenyl-phenylether	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
4-Nitroaniline	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Fluorene	**ND**	0.0082	EPA 8270E/SIM	7-1-20	7-3-20	
4,6-Dinitro-2-methylphenol	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
n-Nitrosodiphenylamine	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
1,2-Diphenylhydrazine	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
4-Bromophenyl-phenylether	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Hexachlorobenzene	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Pentachlorophenol	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Phenanthrene	**0.071**	0.0082	EPA 8270E/SIM	7-1-20	7-3-20	
Anthracene	**0.029**	0.0082	EPA 8270E/SIM	7-1-20	7-3-20	
Carbazole	**ND**	0.21	EPA 8270E	7-1-20	7-3-20	
Di-n-butylphthalate	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Fluoranthene	**0.14**	0.0082	EPA 8270E/SIM	7-1-20	7-3-20	
Pyrene	**0.15**	0.0082	EPA 8270E/SIM	7-1-20	7-3-20	
Butylbenzylphthalate	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
bis-2-Ethylhexyladipate	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
3,3'-Dichlorobenzidine	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Benzo[a]anthracene	**0.093**	0.0082	EPA 8270E/SIM	7-1-20	7-3-20	
Chrysene	**0.099**	0.0082	EPA 8270E/SIM	7-1-20	7-3-20	
bis(2-Ethylhexyl)phthalate	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Di-n-octylphthalate	**ND**	1.0	EPA 8270E	7-1-20	7-3-20	
Benzo[b]fluoranthene	**0.14**	0.0082	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo(j,k)fluoranthene	**0.040**	0.0082	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[a]pyrene	**0.097**	0.0082	EPA 8270E/SIM	7-1-20	7-3-20	
Indeno[1,2,3-cd]pyrene	**0.062**	0.0082	EPA 8270E/SIM	7-1-20	7-3-20	
Dibenz[a,h]anthracene	**0.016**	0.0082	EPA 8270E/SIM	7-1-20	7-3-20	
Benzo[g,h,i]perylene	**0.058**	0.0082	EPA 8270E/SIM	7-1-20	7-3-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*67*	*22 - 109*				
Phenol-d6	*84*	*36 - 110*				
Nitrobenzene-d5	*79*	*31 - 109*				
2-Fluorobiphenyl	*88*	*45 - 107*				
2,4,6-Tribromophenol	*92*	*43 - 124*				
Terphenyl-d14	*86*	*52 - 118*				

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Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-12-7**					
Laboratory ID:	07-008-01					
Aroclor 1016	**ND**	0.061	EPA 8082A	7-2-20	7-2-20	
Aroclor 1221	**ND**	0.061	EPA 8082A	7-2-20	7-2-20	
Aroclor 1232	**ND**	0.061	EPA 8082A	7-2-20	7-2-20	
Aroclor 1242	**ND**	0.061	EPA 8082A	7-2-20	7-2-20	
Aroclor 1248	**ND**	0.061	EPA 8082A	7-2-20	7-2-20	
Aroclor 1254	**ND**	0.061	EPA 8082A	7-2-20	7-2-20	
Aroclor 1260	**ND**	0.061	EPA 8082A	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*99*	*46-125*				
Client ID:	**STP-11-2**					
Laboratory ID:	07-008-02					
Aroclor 1016	**ND**	0.068	EPA 8082A	7-2-20	7-2-20	
Aroclor 1221	**ND**	0.068	EPA 8082A	7-2-20	7-2-20	
Aroclor 1232	**ND**	0.068	EPA 8082A	7-2-20	7-2-20	
Aroclor 1242	**ND**	0.068	EPA 8082A	7-2-20	7-2-20	
Aroclor 1248	**ND**	0.068	EPA 8082A	7-2-20	7-2-20	
Aroclor 1254	**ND**	0.068	EPA 8082A	7-2-20	7-2-20	
Aroclor 1260	**ND**	0.068	EPA 8082A	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*94*	*46-125*				
Client ID:	**STP-10-SP**					
Laboratory ID:	07-008-03					
Aroclor 1016	**ND**	0.065	EPA 8082A	7-2-20	7-2-20	
Aroclor 1221	**ND**	0.065	EPA 8082A	7-2-20	7-2-20	
Aroclor 1232	**ND**	0.065	EPA 8082A	7-2-20	7-2-20	
Aroclor 1242	**ND**	0.065	EPA 8082A	7-2-20	7-2-20	
Aroclor 1248	**ND**	0.065	EPA 8082A	7-2-20	7-2-20	
Aroclor 1254	**ND**	0.065	EPA 8082A	7-2-20	7-2-20	
Aroclor 1260	**ND**	0.065	EPA 8082A	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*90*	*46-125*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-02-11**					
Laboratory ID:	07-008-04					
Aroclor 1016	**ND**	0.063	EPA 8082A	7-2-20	7-2-20	
Aroclor 1221	**ND**	0.063	EPA 8082A	7-2-20	7-2-20	
Aroclor 1232	**ND**	0.063	EPA 8082A	7-2-20	7-2-20	
Aroclor 1242	**ND**	0.063	EPA 8082A	7-2-20	7-2-20	
Aroclor 1248	**ND**	0.063	EPA 8082A	7-2-20	7-2-20	
Aroclor 1254	**0.088**	0.063	EPA 8082A	7-2-20	7-2-20	
Aroclor 1260	**ND**	0.063	EPA 8082A	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*92*	*46-125*				
Client ID:	**STP-03-15**					
Laboratory ID:	07-008-05					
Aroclor 1016	**ND**	0.063	EPA 8082A	7-2-20	7-2-20	
Aroclor 1221	**ND**	0.063	EPA 8082A	7-2-20	7-2-20	
Aroclor 1232	**ND**	0.063	EPA 8082A	7-2-20	7-2-20	
Aroclor 1242	**ND**	0.063	EPA 8082A	7-2-20	7-2-20	
Aroclor 1248	**ND**	0.063	EPA 8082A	7-2-20	7-2-20	
Aroclor 1254	**ND**	0.063	EPA 8082A	7-2-20	7-2-20	
Aroclor 1260	**ND**	0.063	EPA 8082A	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*94*	*46-125*				
Client ID:	**STP-04-15**					
Laboratory ID:	07-008-06					
Aroclor 1016	**ND**	0.088	EPA 8082A	7-2-20	7-2-20	
Aroclor 1221	**ND**	0.088	EPA 8082A	7-2-20	7-2-20	
Aroclor 1232	**ND**	0.088	EPA 8082A	7-2-20	7-2-20	
Aroclor 1242	**ND**	0.088	EPA 8082A	7-2-20	7-2-20	
Aroclor 1248	**ND**	0.088	EPA 8082A	7-2-20	7-2-20	
Aroclor 1254	**ND**	0.088	EPA 8082A	7-2-20	7-2-20	
Aroclor 1260	**ND**	0.088	EPA 8082A	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*97*	*46-125*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-05-10**					
Laboratory ID:	07-008-07					
Aroclor 1016	**ND**	0.063	EPA 8082A	7-2-20	7-2-20	
Aroclor 1221	**ND**	0.063	EPA 8082A	7-2-20	7-2-20	
Aroclor 1232	**ND**	0.063	EPA 8082A	7-2-20	7-2-20	
Aroclor 1242	**ND**	0.063	EPA 8082A	7-2-20	7-2-20	
Aroclor 1248	**ND**	0.063	EPA 8082A	7-2-20	7-2-20	
Aroclor 1254	**ND**	0.063	EPA 8082A	7-2-20	7-2-20	
Aroclor 1260	**ND**	0.063	EPA 8082A	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*100*	*46-125*				
Client ID:	**STP-06-15**					
Laboratory ID:	07-008-08					
Aroclor 1016	**ND**	0.066	EPA 8082A	7-2-20	7-2-20	
Aroclor 1221	**ND**	0.066	EPA 8082A	7-2-20	7-2-20	
Aroclor 1232	**ND**	0.066	EPA 8082A	7-2-20	7-2-20	
Aroclor 1242	**ND**	0.066	EPA 8082A	7-2-20	7-2-20	
Aroclor 1248	**ND**	0.066	EPA 8082A	7-2-20	7-2-20	
Aroclor 1254	**0.11**	0.066	EPA 8082A	7-2-20	7-2-20	
Aroclor 1260	**ND**	0.066	EPA 8082A	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*100*	*46-125*				
Client ID:	**STP-08-3**					
Laboratory ID:	07-008-09					
Aroclor 1016	**ND**	0.062	EPA 8082A	7-2-20	7-2-20	
Aroclor 1221	**ND**	0.062	EPA 8082A	7-2-20	7-2-20	
Aroclor 1232	**ND**	0.062	EPA 8082A	7-2-20	7-2-20	
Aroclor 1242	**ND**	0.062	EPA 8082A	7-2-20	7-2-20	
Aroclor 1248	**ND**	0.062	EPA 8082A	7-2-20	7-2-20	
Aroclor 1254	**ND**	0.062	EPA 8082A	7-2-20	7-2-20	
Aroclor 1260	**ND**	0.062	EPA 8082A	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*91*	*46-125*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

ORGANOCHLORINE PESTICIDES EPA 8081B

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-12-7**					
Laboratory ID:	07-008-01					
alpha-BHC	**ND**	6.1	EPA 8081B	7-2-20	7-8-20	
gamma-BHC	**ND**	6.1	EPA 8081B	7-2-20	7-8-20	
beta-BHC	**ND**	6.1	EPA 8081B	7-2-20	7-8-20	
delta-BHC	**ND**	6.1	EPA 8081B	7-2-20	7-8-20	
Heptachlor	**ND**	6.1	EPA 8081B	7-2-20	7-8-20	
Aldrin	**ND**	6.1	EPA 8081B	7-2-20	7-8-20	
Heptachlor Epoxide	**ND**	6.1	EPA 8081B	7-2-20	7-8-20	
gamma-Chlordane	**ND**	6.1	EPA 8081B	7-2-20	7-8-20	
alpha-Chlordane	**ND**	12	EPA 8081B	7-2-20	7-8-20	
4,4'-DDE	**ND**	12	EPA 8081B	7-2-20	7-8-20	
Endosulfan I	**ND**	6.1	EPA 8081B	7-2-20	7-8-20	
Dieldrin	**ND**	12	EPA 8081B	7-2-20	7-8-20	
Endrin	**ND**	6.1	EPA 8081B	7-2-20	7-8-20	
4,4'-DDD	**ND**	12	EPA 8081B	7-2-20	7-8-20	
Endosulfan II	**ND**	12	EPA 8081B	7-2-20	7-8-20	
4,4'-DDT	**ND**	12	EPA 8081B	7-2-20	7-8-20	
Endrin Aldehyde	**ND**	12	EPA 8081B	7-2-20	7-8-20	
Methoxychlor	**ND**	12	EPA 8081B	7-2-20	7-8-20	
Endosulfan Sulfate	**ND**	12	EPA 8081B	7-2-20	7-8-20	
Endrin Ketone	**ND**	12	EPA 8081B	7-2-20	7-8-20	
Toxaphene	**ND**	61	EPA 8081B	7-2-20	7-8-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*65*	*33-97*				
DCB	*64*	*36-115*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

ORGANOCHLORINE PESTICIDES EPA 8081B

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-11-2**					
Laboratory ID:	07-008-02					
alpha-BHC	**ND**	6.8	EPA 8081B	7-2-20	7-8-20	
gamma-BHC	**ND**	6.8	EPA 8081B	7-2-20	7-8-20	
beta-BHC	**ND**	6.8	EPA 8081B	7-2-20	7-8-20	
delta-BHC	**ND**	6.8	EPA 8081B	7-2-20	7-8-20	
Heptachlor	**ND**	6.8	EPA 8081B	7-2-20	7-8-20	
Aldrin	**ND**	6.8	EPA 8081B	7-2-20	7-8-20	
Heptachlor Epoxide	**ND**	6.8	EPA 8081B	7-2-20	7-8-20	
gamma-Chlordane	**ND**	6.8	EPA 8081B	7-2-20	7-8-20	
alpha-Chlordane	**ND**	14	EPA 8081B	7-2-20	7-8-20	
4,4'-DDE	**92**	14	EPA 8081B	7-2-20	7-8-20	
Endosulfan I	**ND**	6.8	EPA 8081B	7-2-20	7-8-20	
Dieldrin	**ND**	14	EPA 8081B	7-2-20	7-8-20	
Endrin	**ND**	6.8	EPA 8081B	7-2-20	7-8-20	
4,4'-DDD	**42**	14	EPA 8081B	7-2-20	7-8-20	
Endosulfan II	**ND**	14	EPA 8081B	7-2-20	7-8-20	
4,4'-DDT	**210**	14	EPA 8081B	7-2-20	7-8-20	
Endrin Aldehyde	**ND**	14	EPA 8081B	7-2-20	7-8-20	
Methoxychlor	**ND**	14	EPA 8081B	7-2-20	7-8-20	
Endosulfan Sulfate	**ND**	14	EPA 8081B	7-2-20	7-8-20	
Endrin Ketone	**ND**	14	EPA 8081B	7-2-20	7-8-20	
Toxaphene	**ND**	68	EPA 8081B	7-2-20	7-8-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*62*	*33-97*				
DCB	*65*	*36-115*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

ORGANOCHLORINE PESTICIDES EPA 8081B

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-10-SP**					
Laboratory ID:	07-008-03					
alpha-BHC	**ND**	6.5	EPA 8081B	7-2-20	7-8-20	
gamma-BHC	**ND**	6.5	EPA 8081B	7-2-20	7-8-20	
beta-BHC	**ND**	6.5	EPA 8081B	7-2-20	7-8-20	
delta-BHC	**ND**	6.5	EPA 8081B	7-2-20	7-8-20	
Heptachlor	**ND**	6.5	EPA 8081B	7-2-20	7-8-20	
Aldrin	**ND**	6.5	EPA 8081B	7-2-20	7-8-20	
Heptachlor Epoxide	**ND**	6.5	EPA 8081B	7-2-20	7-8-20	
gamma-Chlordane	**ND**	6.5	EPA 8081B	7-2-20	7-8-20	
alpha-Chlordane	**ND**	13	EPA 8081B	7-2-20	7-8-20	
4,4'-DDE	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endosulfan I	**ND**	6.5	EPA 8081B	7-2-20	7-8-20	
Dieldrin	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endrin	**ND**	6.5	EPA 8081B	7-2-20	7-8-20	
4,4'-DDD	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endosulfan II	**ND**	13	EPA 8081B	7-2-20	7-8-20	
4,4'-DDT	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endrin Aldehyde	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Methoxychlor	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endosulfan Sulfate	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endrin Ketone	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Toxaphene	**ND**	65	EPA 8081B	7-2-20	7-8-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*73*	*33-97*				
DCB	*80*	*36-115*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

ORGANOCHLORINE PESTICIDES EPA 8081B

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-02-11**					
Laboratory ID:	07-008-04					
alpha-BHC	**ND**	6.3	EPA 8081B	7-2-20	7-8-20	
gamma-BHC	**ND**	6.3	EPA 8081B	7-2-20	7-8-20	
beta-BHC	**ND**	6.3	EPA 8081B	7-2-20	7-8-20	
delta-BHC	**ND**	6.3	EPA 8081B	7-2-20	7-8-20	
Heptachlor	**ND**	6.3	EPA 8081B	7-2-20	7-8-20	
Aldrin	**ND**	6.3	EPA 8081B	7-2-20	7-8-20	
Heptachlor Epoxide	**ND**	6.3	EPA 8081B	7-2-20	7-8-20	
gamma-Chlordane	**ND**	6.3	EPA 8081B	7-2-20	7-8-20	
alpha-Chlordane	**ND**	13	EPA 8081B	7-2-20	7-8-20	
4,4'-DDE	**37**	13	EPA 8081B	7-2-20	7-8-20	
Endosulfan I	**ND**	6.3	EPA 8081B	7-2-20	7-8-20	
Dieldrin	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endrin	**ND**	6.3	EPA 8081B	7-2-20	7-8-20	
4,4'-DDD	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endosulfan II	**ND**	13	EPA 8081B	7-2-20	7-8-20	
4,4'-DDT	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endrin Aldehyde	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Methoxychlor	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endosulfan Sulfate	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endrin Ketone	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Toxaphene	**ND**	63	EPA 8081B	7-2-20	7-8-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*66*	*33-97*				
DCB	*63*	*36-115*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

ORGANOCHLORINE PESTICIDES EPA 8081B

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-03-15**					
Laboratory ID:	07-008-05					
alpha-BHC	**ND**	6.3	EPA 8081B	7-2-20	7-2-20	
gamma-BHC	**ND**	6.3	EPA 8081B	7-2-20	7-2-20	
beta-BHC	**ND**	6.3	EPA 8081B	7-2-20	7-2-20	
delta-BHC	**ND**	6.3	EPA 8081B	7-2-20	7-2-20	
Heptachlor	**ND**	6.3	EPA 8081B	7-2-20	7-2-20	
Aldrin	**ND**	6.3	EPA 8081B	7-2-20	7-2-20	
Heptachlor Epoxide	**ND**	6.3	EPA 8081B	7-2-20	7-2-20	
gamma-Chlordane	**ND**	6.3	EPA 8081B	7-2-20	7-2-20	
alpha-Chlordane	**ND**	13	EPA 8081B	7-2-20	7-2-20	
4,4'-DDE	**ND**	13	EPA 8081B	7-2-20	7-2-20	
Endosulfan I	**ND**	6.3	EPA 8081B	7-2-20	7-2-20	
Dieldrin	**ND**	13	EPA 8081B	7-2-20	7-2-20	
Endrin	**ND**	6.3	EPA 8081B	7-2-20	7-2-20	
4,4'-DDD	**ND**	13	EPA 8081B	7-2-20	7-2-20	
Endosulfan II	**ND**	13	EPA 8081B	7-2-20	7-2-20	
4,4'-DDT	**ND**	13	EPA 8081B	7-2-20	7-2-20	
Endrin Aldehyde	**ND**	13	EPA 8081B	7-2-20	7-2-20	
Methoxychlor	**ND**	13	EPA 8081B	7-2-20	7-2-20	
Endosulfan Sulfate	**ND**	13	EPA 8081B	7-2-20	7-2-20	
Endrin Ketone	**ND**	13	EPA 8081B	7-2-20	7-2-20	
Toxaphene	**ND**	63	EPA 8081B	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*82*	*33-97*				
DCB	*85*	*36-115*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

ORGANOCHLORINE PESTICIDES EPA 8081B

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-04-15**					
Laboratory ID:	07-008-06					
alpha-BHC	**ND**	8.8	EPA 8081B	7-2-20	7-8-20	
gamma-BHC	**ND**	8.8	EPA 8081B	7-2-20	7-8-20	
beta-BHC	**ND**	8.8	EPA 8081B	7-2-20	7-8-20	
delta-BHC	**ND**	8.8	EPA 8081B	7-2-20	7-8-20	
Heptachlor	**ND**	8.8	EPA 8081B	7-2-20	7-8-20	
Aldrin	**ND**	8.8	EPA 8081B	7-2-20	7-8-20	
Heptachlor Epoxide	**ND**	8.8	EPA 8081B	7-2-20	7-8-20	
gamma-Chlordane	**ND**	8.8	EPA 8081B	7-2-20	7-8-20	
alpha-Chlordane	**ND**	18	EPA 8081B	7-2-20	7-8-20	
4,4'-DDE	**29**	18	EPA 8081B	7-2-20	7-8-20	
Endosulfan I	**ND**	8.8	EPA 8081B	7-2-20	7-8-20	
Dieldrin	**ND**	18	EPA 8081B	7-2-20	7-8-20	
Endrin	**ND**	8.8	EPA 8081B	7-2-20	7-8-20	
4,4'-DDD	**ND**	18	EPA 8081B	7-2-20	7-8-20	
Endosulfan II	**ND**	18	EPA 8081B	7-2-20	7-8-20	
4,4'-DDT	**ND**	18	EPA 8081B	7-2-20	7-8-20	
Endrin Aldehyde	**ND**	18	EPA 8081B	7-2-20	7-8-20	
Methoxychlor	**ND**	18	EPA 8081B	7-2-20	7-8-20	
Endosulfan Sulfate	**ND**	18	EPA 8081B	7-2-20	7-8-20	
Endrin Ketone	**ND**	18	EPA 8081B	7-2-20	7-8-20	
Toxaphene	**ND**	88	EPA 8081B	7-2-20	7-8-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*73*	*33-97*				
DCB	*70*	*36-115*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

ORGANOCHLORINE PESTICIDES EPA 8081B

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-05-10**					
Laboratory ID:	07-008-07					
alpha-BHC	**ND**	6.3	EPA 8081B	7-2-20	7-8-20	
gamma-BHC	**ND**	6.3	EPA 8081B	7-2-20	7-8-20	
beta-BHC	**ND**	6.3	EPA 8081B	7-2-20	7-8-20	
delta-BHC	**ND**	6.3	EPA 8081B	7-2-20	7-8-20	
Heptachlor	**ND**	6.3	EPA 8081B	7-2-20	7-8-20	
Aldrin	**ND**	6.3	EPA 8081B	7-2-20	7-8-20	
Heptachlor Epoxide	**ND**	6.3	EPA 8081B	7-2-20	7-8-20	
gamma-Chlordane	**ND**	6.3	EPA 8081B	7-2-20	7-8-20	
alpha-Chlordane	**ND**	13	EPA 8081B	7-2-20	7-8-20	
4,4'-DDE	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endosulfan I	**ND**	6.3	EPA 8081B	7-2-20	7-8-20	
Dieldrin	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endrin	**ND**	6.3	EPA 8081B	7-2-20	7-8-20	
4,4'-DDD	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endosulfan II	**ND**	13	EPA 8081B	7-2-20	7-8-20	
4,4'-DDT	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endrin Aldehyde	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Methoxychlor	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endosulfan Sulfate	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endrin Ketone	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Toxaphene	**ND**	63	EPA 8081B	7-2-20	7-8-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*78*	*33-97*				
DCB	*69*	*36-115*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

ORGANOCHLORINE PESTICIDES EPA 8081B

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-06-15**					
Laboratory ID:	07-008-08					
alpha-BHC	**ND**	6.6	EPA 8081B	7-2-20	7-8-20	
gamma-BHC	**ND**	6.6	EPA 8081B	7-2-20	7-8-20	
beta-BHC	**ND**	6.6	EPA 8081B	7-2-20	7-8-20	
delta-BHC	**ND**	6.6	EPA 8081B	7-2-20	7-8-20	
Heptachlor	**ND**	6.6	EPA 8081B	7-2-20	7-8-20	
Aldrin	**ND**	6.6	EPA 8081B	7-2-20	7-8-20	
Heptachlor Epoxide	**ND**	6.6	EPA 8081B	7-2-20	7-8-20	
gamma-Chlordane	**ND**	6.6	EPA 8081B	7-2-20	7-8-20	
alpha-Chlordane	**ND**	13	EPA 8081B	7-2-20	7-8-20	
4,4'-DDE	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endosulfan I	**ND**	6.6	EPA 8081B	7-2-20	7-8-20	
Dieldrin	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endrin	**ND**	6.6	EPA 8081B	7-2-20	7-8-20	
4,4'-DDD	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endosulfan II	**ND**	13	EPA 8081B	7-2-20	7-8-20	
4,4'-DDT	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endrin Aldehyde	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Methoxychlor	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endosulfan Sulfate	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Endrin Ketone	**ND**	13	EPA 8081B	7-2-20	7-8-20	
Toxaphene	**ND**	66	EPA 8081B	7-2-20	7-8-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*72*	*33-97*				
DCB	*67*	*36-115*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

ORGANOCHLORINE PESTICIDES EPA 8081B

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-08-3**					
Laboratory ID:	07-008-09					
alpha-BHC	**ND**	6.2	EPA 8081B	7-2-20	7-8-20	
gamma-BHC	**ND**	6.2	EPA 8081B	7-2-20	7-8-20	
beta-BHC	**ND**	6.2	EPA 8081B	7-2-20	7-8-20	
delta-BHC	**ND**	6.2	EPA 8081B	7-2-20	7-8-20	
Heptachlor	**ND**	6.2	EPA 8081B	7-2-20	7-8-20	
Aldrin	**ND**	6.2	EPA 8081B	7-2-20	7-8-20	
Heptachlor Epoxide	**ND**	6.2	EPA 8081B	7-2-20	7-8-20	
gamma-Chlordane	**ND**	6.2	EPA 8081B	7-2-20	7-8-20	
alpha-Chlordane	**ND**	12	EPA 8081B	7-2-20	7-8-20	
4,4'-DDE	**ND**	12	EPA 8081B	7-2-20	7-8-20	
Endosulfan I	**ND**	6.2	EPA 8081B	7-2-20	7-8-20	
Dieldrin	**ND**	12	EPA 8081B	7-2-20	7-8-20	
Endrin	**ND**	6.2	EPA 8081B	7-2-20	7-8-20	
4,4'-DDD	**ND**	12	EPA 8081B	7-2-20	7-8-20	
Endosulfan II	**ND**	12	EPA 8081B	7-2-20	7-8-20	
4,4'-DDT	**ND**	12	EPA 8081B	7-2-20	7-8-20	
Endrin Aldehyde	**ND**	12	EPA 8081B	7-2-20	7-8-20	
Methoxychlor	**ND**	12	EPA 8081B	7-2-20	7-8-20	
Endosulfan Sulfate	**ND**	12	EPA 8081B	7-2-20	7-8-20	
Endrin Ketone	**ND**	12	EPA 8081B	7-2-20	7-8-20	
Toxaphene	**ND**	62	EPA 8081B	7-2-20	7-8-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*64*	*33-97*				
DCB	*66*	*36-115*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

CHLORINATED ACID HERBICIDES EPA 8151A

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-12-7**					
Laboratory ID:	07-008-01					
Dalapon	**ND**	220	EPA 8151A	7-3-20	7-7-20	
Dicamba	**ND**	12	EPA 8151A	7-3-20	7-7-20	
MCPP	**ND**	1100	EPA 8151A	7-3-20	7-7-20	
MCPA	**ND**	2900	EPA 8151A	7-3-20	7-7-20	
Dichlorprop	**ND**	87	EPA 8151A	7-3-20	7-7-20	
2,4-D	**ND**	12	EPA 8151A	7-3-20	7-7-20	
Pentachlorophenol	**ND**	5.8	EPA 8151A	7-3-20	7-7-20	
2,4,5-TP (Silvex)	**ND**	12	EPA 8151A	7-3-20	7-7-20	
2,4,5-T	**ND**	12	EPA 8151A	7-3-20	7-7-20	
2,4-DB	**ND**	12	EPA 8151A	7-3-20	7-7-20	
Dinoseb	**ND**	12	EPA 8151A	7-3-20	7-7-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCAA	*36*	*18-119*				
Client ID:	**STP-11-2**					
Laboratory ID:	07-008-02					
Dalapon	**ND**	250	EPA 8151A	7-3-20	7-7-20	
Dicamba	**ND**	13	EPA 8151A	7-3-20	7-7-20	
MCPP	**ND**	1300	EPA 8151A	7-3-20	7-7-20	
MCPA	**ND**	3200	EPA 8151A	7-3-20	7-7-20	
Dichlorprop	**ND**	96	EPA 8151A	7-3-20	7-7-20	
2,4-D	**ND**	13	EPA 8151A	7-3-20	7-7-20	
Pentachlorophenol	**6.8**	6.4	EPA 8151A	7-3-20	7-7-20	
2,4,5-TP (Silvex)	**ND**	13	EPA 8151A	7-3-20	7-7-20	
2,4,5-T	**ND**	13	EPA 8151A	7-3-20	7-7-20	
2,4-DB	**ND**	13	EPA 8151A	7-3-20	7-7-20	
Dinoseb	**ND**	13	EPA 8151A	7-3-20	7-7-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCAA	*36*	*18-119*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

CHLORINATED ACID HERBICIDES EPA 8151A

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-10-SP**					
Laboratory ID:	07-008-03					
Dalapon	**ND**	240	EPA 8151A	7-3-20	7-7-20	
Dicamba	**ND**	12	EPA 8151A	7-3-20	7-7-20	
MCPP	**ND**	1200	EPA 8151A	7-3-20	7-7-20	
MCPA	**ND**	3000	EPA 8151A	7-3-20	7-7-20	
Dichlorprop	**ND**	91	EPA 8151A	7-3-20	7-7-20	
2,4-D	**ND**	12	EPA 8151A	7-3-20	7-7-20	
Pentachlorophenol	**ND**	6.1	EPA 8151A	7-3-20	7-7-20	
2,4,5-TP (Silvex)	**ND**	12	EPA 8151A	7-3-20	7-7-20	
2,4,5-T	**ND**	12	EPA 8151A	7-3-20	7-7-20	
2,4-DB	**ND**	12	EPA 8151A	7-3-20	7-7-20	
Dinoseb	**ND**	12	EPA 8151A	7-3-20	7-7-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCAA	*84*	*18-119*				
Client ID:	**STP-02-11**					
Laboratory ID:	07-008-04					
Dalapon	**ND**	230	EPA 8151A	7-3-20	7-7-20	
Dicamba	**ND**	12	EPA 8151A	7-3-20	7-7-20	
MCPP	**ND**	1200	EPA 8151A	7-3-20	7-7-20	
MCPA	**ND**	2900	EPA 8151A	7-3-20	7-7-20	
Dichlorprop	**ND**	89	EPA 8151A	7-3-20	7-7-20	
2,4-D	**ND**	12	EPA 8151A	7-3-20	7-7-20	
Pentachlorophenol	**12**	6.0	EPA 8151A	7-3-20	7-7-20	
2,4,5-TP (Silvex)	**ND**	12	EPA 8151A	7-3-20	7-7-20	
2,4,5-T	**ND**	12	EPA 8151A	7-3-20	7-7-20	
2,4-DB	**ND**	12	EPA 8151A	7-3-20	7-7-20	
Dinoseb	**ND**	12	EPA 8151A	7-3-20	7-7-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCAA	*29*	*18-119*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

CHLORINATED ACID HERBICIDES EPA 8151A

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-03-15**					
Laboratory ID:	07-008-05					
Dalapon	**ND**	230	EPA 8151A	7-3-20	7-7-20	
Dicamba	**ND**	12	EPA 8151A	7-3-20	7-7-20	
MCPP	**ND**	1200	EPA 8151A	7-3-20	7-7-20	
MCPA	**ND**	2900	EPA 8151A	7-3-20	7-7-20	
Dichlorprop	**ND**	89	EPA 8151A	7-3-20	7-7-20	
2,4-D	**ND**	12	EPA 8151A	7-3-20	7-7-20	
Pentachlorophenol	**ND**	6.0	EPA 8151A	7-3-20	7-7-20	
2,4,5-TP (Silvex)	**ND**	12	EPA 8151A	7-3-20	7-7-20	
2,4,5-T	**ND**	12	EPA 8151A	7-3-20	7-7-20	
2,4-DB	**ND**	12	EPA 8151A	7-3-20	7-7-20	
Dinoseb	**ND**	12	EPA 8151A	7-3-20	7-7-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCAA	*77*	*18-119*				
Client ID:	**STP-04-15**					
Laboratory ID:	07-008-06					
Dalapon	**ND**	320	EPA 8151A	7-3-20	7-7-20	
Dicamba	**ND**	17	EPA 8151A	7-3-20	7-7-20	
MCPP	**ND**	1600	EPA 8151A	7-3-20	7-7-20	
MCPA	**ND**	4100	EPA 8151A	7-3-20	7-7-20	
Dichlorprop	**ND**	120	EPA 8151A	7-3-20	7-7-20	
2,4-D	**ND**	17	EPA 8151A	7-3-20	7-7-20	
Pentachlorophenol	**ND**	8.4	EPA 8151A	7-3-20	7-7-20	
2,4,5-TP (Silvex)	**ND**	17	EPA 8151A	7-3-20	7-7-20	
2,4,5-T	**ND**	17	EPA 8151A	7-3-20	7-7-20	
2,4-DB	**ND**	17	EPA 8151A	7-3-20	7-7-20	
Dinoseb	**ND**	17	EPA 8151A	7-3-20	7-7-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCAA	*86*	*18-119*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

CHLORINATED ACID HERBICIDES EPA 8151A

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-05-10**					
Laboratory ID:	07-008-07					
Dalapon	**ND**	230	EPA 8151A	7-3-20	7-7-20	
Dicamba	**ND**	12	EPA 8151A	7-3-20	7-7-20	
MCPP	**ND**	1200	EPA 8151A	7-3-20	7-7-20	
MCPA	**ND**	3000	EPA 8151A	7-3-20	7-7-20	
Dichlorprop	**ND**	90	EPA 8151A	7-3-20	7-7-20	
2,4-D	**ND**	12	EPA 8151A	7-3-20	7-7-20	
Pentachlorophenol	**ND**	6.0	EPA 8151A	7-3-20	7-7-20	
2,4,5-TP (Silvex)	**ND**	12	EPA 8151A	7-3-20	7-7-20	
2,4,5-T	**ND**	12	EPA 8151A	7-3-20	7-7-20	
2,4-DB	**ND**	12	EPA 8151A	7-3-20	7-7-20	
Dinoseb	**ND**	12	EPA 8151A	7-3-20	7-7-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCAA	*68*	*18-119*				
Client ID:	**STP-06-15**					
Laboratory ID:	07-008-08					
Dalapon	**ND**	240	EPA 8151A	7-3-20	7-7-20	
Dicamba	**ND**	12	EPA 8151A	7-3-20	7-7-20	
MCPP	**ND**	1200	EPA 8151A	7-3-20	7-7-20	
MCPA	**ND**	3100	EPA 8151A	7-3-20	7-7-20	
Dichlorprop	**ND**	94	EPA 8151A	7-3-20	7-7-20	
2,4-D	**ND**	12	EPA 8151A	7-3-20	7-7-20	
Pentachlorophenol	**ND**	6.3	EPA 8151A	7-3-20	7-7-20	
2,4,5-TP (Silvex)	**ND**	13	EPA 8151A	7-3-20	7-7-20	
2,4,5-T	**ND**	13	EPA 8151A	7-3-20	7-7-20	
2,4-DB	**ND**	13	EPA 8151A	7-3-20	7-7-20	
Dinoseb	**ND**	13	EPA 8151A	7-3-20	7-7-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCAA	*57*	*18-119*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

CHLORINATED ACID HERBICIDES EPA 8151A

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-08-3**					
Laboratory ID:	07-008-09					
Dalapon	**ND**	230	EPA 8151A	7-3-20	7-7-20	
Dicamba	**ND**	12	EPA 8151A	7-3-20	7-7-20	
MCPP	**ND**	1200	EPA 8151A	7-3-20	7-7-20	
MCPA	**ND**	2900	EPA 8151A	7-3-20	7-7-20	
Dichlorprop	**ND**	87	EPA 8151A	7-3-20	7-7-20	
2,4-D	**ND**	12	EPA 8151A	7-3-20	7-7-20	
Pentachlorophenol	**ND**	5.9	EPA 8151A	7-3-20	7-7-20	
2,4,5-TP (Silvex)	**ND**	12	EPA 8151A	7-3-20	7-7-20	
2,4,5-T	**ND**	12	EPA 8151A	7-3-20	7-7-20	
2,4-DB	**ND**	12	EPA 8151A	7-3-20	7-7-20	
Dinoseb	**ND**	12	EPA 8151A	7-3-20	7-7-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCAA	*73*	*18-119*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

TOTAL METALS
EPA 6010D/6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-12-7**					
Laboratory ID:	07-008-01					
Arsenic	**ND**	12	EPA 6010D	7-7-20	7-7-20	
Cadmium	**ND**	0.61	EPA 6010D	7-7-20	7-7-20	
Chromium	**17**	0.61	EPA 6010D	7-7-20	7-7-20	
Copper	**20**	1.2	EPA 6010D	7-6-20	7-6-20	
Lead	**130**	6.1	EPA 6010D	7-7-20	7-7-20	
Mercury	**0.073**	0.031	EPA 7471B	7-8-20	7-8-20	
Nickel	**24**	3.1	EPA 6010D	7-7-20	7-7-20	
Selenium	**ND**	0.76	EPA 6020B	7-6-20	7-10-20	
Zinc	**110**	3.1	EPA 6010D	7-6-20	7-6-20	
Client ID:	**STP-11-2**					
Laboratory ID:	07-008-02					
Arsenic	**ND**	14	EPA 6010D	7-7-20	7-7-20	
Cadmium	**ND**	0.68	EPA 6010D	7-7-20	7-7-20	
Chromium	**24**	0.68	EPA 6010D	7-7-20	7-7-20	
Copper	**20**	1.4	EPA 6010D	7-6-20	7-6-20	
Lead	**120**	6.8	EPA 6010D	7-7-20	7-7-20	
Mercury	**0.18**	0.034	EPA 7471B	7-8-20	7-8-20	
Nickel	**31**	3.4	EPA 6010D	7-7-20	7-7-20	
Selenium	**ND**	0.84	EPA 6020B	7-6-20	7-10-20	
Zinc	**210**	3.4	EPA 6010D	7-6-20	7-6-20	
Client ID:	**STP-10-SP**					
Laboratory ID:	07-008-03					
Arsenic	**ND**	13	EPA 6010D	7-7-20	7-7-20	
Cadmium	**ND**	0.65	EPA 6010D	7-7-20	7-7-20	
Chromium	**28**	0.65	EPA 6010D	7-7-20	7-7-20	
Copper	**9.8**	1.3	EPA 6010D	7-6-20	7-6-20	
Lead	**24**	6.5	EPA 6010D	7-7-20	7-7-20	
Mercury	**0.039**	0.032	EPA 7471B	7-8-20	7-8-20	
Nickel	**33**	3.2	EPA 6010D	7-7-20	7-7-20	
Selenium	**ND**	0.81	EPA 6020B	7-6-20	7-10-20	
Zinc	**40**	3.2	EPA 6010D	7-6-20	7-6-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

TOTAL METALS
EPA 6010D/6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-02-11**					
Laboratory ID:	07-008-04					
Arsenic	**ND**	13	EPA 6010D	7-7-20	7-7-20	
Cadmium	**ND**	0.63	EPA 6010D	7-7-20	7-7-20	
Chromium	**26**	0.63	EPA 6010D	7-7-20	7-7-20	
Copper	**33**	1.3	EPA 6010D	7-6-20	7-6-20	
Lead	**200**	6.3	EPA 6010D	7-7-20	7-7-20	
Mercury	**0.23**	0.031	EPA 7471B	7-8-20	7-8-20	
Nickel	**31**	3.1	EPA 6010D	7-7-20	7-7-20	
Selenium	**ND**	0.79	EPA 6020B	7-6-20	7-10-20	
Zinc	**350**	3.1	EPA 6010D	7-6-20	7-6-20	
Client ID:	**STP-03-15**					
Laboratory ID:	07-008-05					
Arsenic	**ND**	13	EPA 6010D	7-7-20	7-7-20	
Cadmium	**ND**	0.63	EPA 6010D	7-7-20	7-7-20	
Chromium	**23**	0.63	EPA 6010D	7-7-20	7-7-20	
Copper	**11**	1.3	EPA 6010D	7-6-20	7-6-20	
Lead	**ND**	6.3	EPA 6010D	7-7-20	7-7-20	
Mercury	**ND**	0.031	EPA 7471B	7-8-20	7-8-20	
Nickel	**42**	3.1	EPA 6010D	7-7-20	7-7-20	
Selenium	**ND**	0.79	EPA 6020B	7-6-20	7-10-20	
Zinc	**26**	3.1	EPA 6010D	7-6-20	7-6-20	
Client ID:	**STP-04-15**					
Laboratory ID:	07-008-06					
Arsenic	**ND**	18	EPA 6010D	7-7-20	7-7-20	
Cadmium	**ND**	0.88	EPA 6010D	7-7-20	7-7-20	
Chromium	**25**	0.88	EPA 6010D	7-7-20	7-7-20	
Copper	**20**	1.8	EPA 6010D	7-6-20	7-6-20	
Lead	**110**	8.8	EPA 6010D	7-7-20	7-7-20	
Mercury	**0.11**	0.044	EPA 7471B	7-8-20	7-8-20	
Nickel	**31**	4.4	EPA 6010D	7-7-20	7-7-20	
Selenium	**ND**	1.1	EPA 6020B	7-6-20	7-10-20	
Zinc	**140**	4.4	EPA 6010D	7-6-20	7-6-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

TOTAL METALS
EPA 6010D/6020B/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-05-10**					
Laboratory ID:	07-008-07					
Arsenic	**ND**	13	EPA 6010D	7-7-20	7-7-20	
Cadmium	**ND**	0.63	EPA 6010D	7-7-20	7-7-20	
Chromium	**19**	0.63	EPA 6010D	7-7-20	7-7-20	
Copper	**19**	1.3	EPA 6010D	7-6-20	7-6-20	
Lead	**130**	6.3	EPA 6010D	7-7-20	7-7-20	
Mercury	**1.3**	0.063	EPA 7471B	7-8-20	7-8-20	
Nickel	**27**	3.2	EPA 6010D	7-7-20	7-7-20	
Selenium	**ND**	0.79	EPA 6020B	7-6-20	7-10-20	
Zinc	**370**	3.2	EPA 6010D	7-6-20	7-6-20	
Client ID:	**STP-06-15**					
Laboratory ID:	07-008-08					
Arsenic	**ND**	13	EPA 6010D	7-7-20	7-7-20	
Cadmium	**ND**	0.66	EPA 6010D	7-7-20	7-7-20	
Chromium	**37**	0.66	EPA 6010D	7-7-20	7-7-20	
Copper	**23**	1.3	EPA 6010D	7-6-20	7-6-20	
Lead	**190**	6.6	EPA 6010D	7-7-20	7-7-20	
Mercury	**0.14**	0.033	EPA 7471B	7-8-20	7-8-20	
Nickel	**61**	3.3	EPA 6010D	7-7-20	7-7-20	
Selenium	**ND**	0.83	EPA 6020B	7-6-20	7-10-20	
Zinc	**230**	3.3	EPA 6010D	7-6-20	7-6-20	
Client ID:	**STP-08-3**					
Laboratory ID:	07-008-09					
Arsenic	**ND**	12	EPA 6010D	7-7-20	7-7-20	
Cadmium	**ND**	0.62	EPA 6010D	7-7-20	7-7-20	
Chromium	**23**	0.62	EPA 6010D	7-7-20	7-7-20	
Copper	**10**	1.2	EPA 6010D	7-6-20	7-6-20	
Lead	**68**	6.2	EPA 6010D	7-7-20	7-7-20	
Mercury	**0.37**	0.031	EPA 7471B	7-8-20	7-8-20	
Nickel	**31**	3.1	EPA 6010D	7-7-20	7-7-20	
Selenium	**ND**	0.77	EPA 6020B	7-6-20	7-10-20	
Zinc	**55**	3.1	EPA 6010D	7-6-20	7-6-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0702S1					
Gasoline	**ND**	5.0	NWTPH-Gx	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*87*	*58-129*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	06-323-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*89*	*92*	*58-129*			

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0702S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	7-2-20	7-2-20	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*90*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	07-008-05										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Surrogate:											
o-Terphenyl						*82*	*85*	*50-150*			

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0701S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Chloromethane	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
Vinyl Chloride	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Bromomethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Chloroethane	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
Trichlorofluoromethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Acetone	ND	0.010	EPA 8260D	7-1-20	7-1-20	
Iodomethane	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
Carbon Disulfide	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Methylene Chloride	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloroethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Vinyl Acetate	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
2-Butanone	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
Bromochloromethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Chloroform	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,1-Dichloropropene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Benzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloroethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Trichloroethene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Dibromomethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Bromodichloromethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
Toluene	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0701S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Tetrachloroethene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,3-Dichloropropane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
2-Hexanone	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
Dibromochloromethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromoethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Chlorobenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Ethylbenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
m,p-Xylene	ND	0.0020	EPA 8260D	7-1-20	7-1-20	
o-Xylene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Styrene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Bromoform	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
Isopropylbenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Bromobenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
n-Propylbenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
2-Chlorotoluene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
4-Chlorotoluene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
tert-Butylbenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
sec-Butylbenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
p-Isopropyltoluene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
n-Butylbenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Hexachlorobutadiene	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
Naphthalene	ND	0.0050	EPA 8260D	7-1-20	7-1-20	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	7-1-20	7-1-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*99*	*74-131*				
Toluene-d8	*109*	*78-128*				
4-Bromofluorobenzene	*103*	*71-130*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0702S2					
Dichlorodifluoromethane	ND	0.0015	EPA 8260D	7-2-20	7-2-20	
Chloromethane	ND	0.0078	EPA 8260D	7-2-20	7-2-20	
Vinyl Chloride	ND	0.0014	EPA 8260D	7-2-20	7-2-20	
Bromomethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Chloroethane	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
Trichlorofluoromethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,1-Dichloroethene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Acetone	ND	0.010	EPA 8260D	7-2-20	7-2-20	
Iodomethane	ND	0.0071	EPA 8260D	7-2-20	7-2-20	
Carbon Disulfide	ND	0.0013	EPA 8260D	7-2-20	7-2-20	
Methylene Chloride	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,1-Dichloroethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Vinyl Acetate	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
2-Butanone	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
Bromochloromethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Chloroform	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,1-Dichloropropene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Benzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,2-Dichloroethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Trichloroethene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Dibromomethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Bromodichloromethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
Toluene	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0702S2					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Tetrachloroethene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,3-Dichloropropane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
2-Hexanone	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
Dibromochloromethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,2-Dibromoethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Chlorobenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Ethylbenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
m,p-Xylene	ND	0.0020	EPA 8260D	7-2-20	7-2-20	
o-Xylene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Styrene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Bromoform	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
Isopropylbenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Bromobenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
n-Propylbenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
2-Chlorotoluene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
4-Chlorotoluene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
tert-Butylbenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
sec-Butylbenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
p-Isopropyltoluene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
n-Butylbenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Hexachlorobutadiene	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
Naphthalene	ND	0.0050	EPA 8260D	7-2-20	7-2-20	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*74-131*				
Toluene-d8	*102*	*78-128*				
4-Bromofluorobenzene	*95*	*71-130*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0701S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0518**	**0.0524**	0.0500	0.0500	104	105	55-126	1	17	
Benzene	**0.0492**	**0.0509**	0.0500	0.0500	98	102	65-121	3	16	
Trichloroethene	**0.0517**	**0.0546**	0.0500	0.0500	103	109	74-126	5	16	
Toluene	**0.0495**	**0.0540**	0.0500	0.0500	99	108	71-121	9	16	
Chlorobenzene	**0.0483**	**0.0512**	0.0500	0.0500	97	102	72-123	6	15	
Surrogate:										
Dibromofluoromethane					*103*	*98*	*74-131*			
Toluene-d8					*101*	*104*	*78-128*			
4-Bromofluorobenzene					*99*	*99*	*71-130*			
Laboratory ID:	SB0702S2									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0405**	**0.0427**	0.0500	0.0500	81	85	55-126	5	17	
Benzene	**0.0426**	**0.0441**	0.0500	0.0500	85	88	65-121	3	16	
Trichloroethene	**0.0433**	**0.0450**	0.0500	0.0500	87	90	74-126	4	16	
Toluene	**0.0415**	**0.0433**	0.0500	0.0500	83	87	71-121	4	16	
Chlorobenzene	**0.0451**	**0.0464**	0.0500	0.0500	90	93	72-123	3	15	
Surrogate:										
Dibromofluoromethane					*102*	*102*	*74-131*			
Toluene-d8					*103*	*102*	*78-128*			
4-Bromofluorobenzene					*102*	*102*	*71-130*			

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
page 1 of 2

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0701S1					
n-Nitrosodimethylamine	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Pyridine	**ND**	0.33	EPA 8270E	7-1-20	7-1-20	
Phenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Aniline	**ND**	0.17	EPA 8270E	7-1-20	7-1-20	
bis(2-Chloroethyl)ether	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2-Chlorophenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
1,3-Dichlorobenzene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
1,4-Dichlorobenzene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Benzyl alcohol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
1,2-Dichlorobenzene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2-Methylphenol (o-Cresol)	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
bis(2-Chloroisopropyl)ether	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
(3+4)-Methylphenol (m,p-Cresol)	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
n-Nitroso-di-n-propylamine	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Hexachloroethane	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Nitrobenzene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Isophorone	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2-Nitrophenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2,4-Dimethylphenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
bis(2-Chloroethoxy)methane	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2,4-Dichlorophenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
1,2,4-Trichlorobenzene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
4-Chloroaniline	**ND**	0.17	EPA 8270E	7-1-20	7-1-20	
Hexachlorobutadiene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
4-Chloro-3-methylphenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Hexachlorocyclopentadiene	**ND**	0.066	EPA 8270E	7-1-20	7-1-20	
2,4,6-Trichlorophenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2,3-Dichloroaniline	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2,4,5-Trichlorophenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2-Chloronaphthalene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2-Nitroaniline	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
1,4-Dinitrobenzene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Dimethylphthalate	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
1,3-Dinitrobenzene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2,6-Dinitrotoluene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
1,2-Dinitrobenzene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Acenaphthylene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
3-Nitroaniline	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL
page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0701S1					
2,4-Dinitrophenol	**ND**	0.37	EPA 8270E	7-1-20	7-1-20	
Acenaphthene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
4-Nitrophenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2,4-Dinitrotoluene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Dibenzofuran	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2,3,5,6-Tetrachlorophenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
2,3,4,6-Tetrachlorophenol	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Diethylphthalate	**ND**	0.17	EPA 8270E	7-1-20	7-1-20	
4-Chlorophenyl-phenylether	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
4-Nitroaniline	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Fluorene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
4,6-Dinitro-2-methylphenol	**ND**	0.29	EPA 8270E	7-1-20	7-1-20	
n-Nitrosodiphenylamine	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
1,2-Diphenylhydrazine	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
4-Bromophenyl-phenylether	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Hexachlorobenzene	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Pentachlorophenol	**ND**	0.17	EPA 8270E	7-1-20	7-1-20	
Phenanthrene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Anthracene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Carbazole	**ND**	0.033	EPA 8270E	7-1-20	7-1-20	
Di-n-butylphthalate	**ND**	0.17	EPA 8270E	7-1-20	7-1-20	
Fluoranthene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Pyrene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Butylbenzylphthalate	**ND**	0.17	EPA 8270E	7-1-20	7-1-20	
bis-2-Ethylhexyladipate	**ND**	0.17	EPA 8270E	7-1-20	7-1-20	
3,3'-Dichlorobenzidine	**ND**	0.17	EPA 8270E	7-1-20	7-1-20	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
bis(2-Ethylhexyl)phthalate	**ND**	0.17	EPA 8270E	7-1-20	7-1-20	
Di-n-octylphthalate	**ND**	0.17	EPA 8270E	7-1-20	7-1-20	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Indeno[1,2,3-cd]pyrene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270E/SIM	7-1-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorophenol	*78*	*22 - 109*				
Phenol-d6	*88*	*36 - 110*				
Nitrobenzene-d5	*89*	*31 - 109*				
2-Fluorobiphenyl	*83*	*45 - 107*				
2,4,6-Tribromophenol	*79*	*43 - 124*				
Terphenyl-d14	*78*	*52 - 118*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

SEMIVOLATILE ORGANICS EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	06-338-07										
	MS	MSD	MS	MSD		MS	MSD				
Phenol	**0.813**	**0.767**	1.33	1.33	ND	61	58	30 - 108	6	37	
2-Chlorophenol	**0.784**	**0.761**	1.33	1.33	ND	59	57	30 - 113	3	39	
1,4-Dichlorobenzene	**0.399**	**0.372**	0.667	0.667	ND	60	56	24 - 116	7	35	
n-Nitroso-di-n-propylamine	**0.463**	**0.445**	0.667	0.667	ND	69	67	34 - 112	4	34	
1,2,4-Trichlorobenzene	**0.396**	**0.374**	0.667	0.667	ND	59	56	34 - 115	6	38	
4-Chloro-3-methylphenol	**0.897**	**0.895**	1.33	1.33	ND	67	67	41 - 117	0	26	
Acenaphthene	**0.366**	**0.352**	0.667	0.667	ND	55	53	41 - 111	4	21	
4-Nitrophenol	**1.05**	**1.03**	1.33	1.33	ND	79	77	30 - 127	2	32	
2,4-Dinitrotoluene	**0.383**	**0.366**	0.667	0.667	ND	57	55	32 - 114	5	30	
Pentachlorophenol	**0.816**	**0.778**	1.33	1.33	ND	61	58	36 - 147	5	37	
Pyrene	**0.416**	**0.405**	0.667	0.667	ND	62	61	33 - 127	3	33	
Surrogate:											
2-Fluorophenol						*67*	*63*	*22 - 109*			
Phenol-d6						*75*	*72*	*36 - 110*			
Nitrobenzene-d5						*74*	*73*	*31 - 109*			
2-Fluorobiphenyl						*65*	*64*	*45 - 107*			
2,4,6-Tribromophenol						*69*	*69*	*43 - 124*			
Terphenyl-d14						*65*	*63*	*52 - 118*			

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0702S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	7-2-20	7-2-20	
Aroclor 1221	**ND**	0.050	EPA 8082A	7-2-20	7-2-20	
Aroclor 1232	**ND**	0.050	EPA 8082A	7-2-20	7-2-20	
Aroclor 1242	**ND**	0.050	EPA 8082A	7-2-20	7-2-20	
Aroclor 1248	**ND**	0.050	EPA 8082A	7-2-20	7-2-20	
Aroclor 1254	**ND**	0.050	EPA 8082A	7-2-20	7-2-20	
Aroclor 1260	**ND**	0.050	EPA 8082A	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*106*	*46-125*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	07-008-05										
	MS	MSD	MS	MSD		MS	MSD				
Aroclor 1260	**0.398**	**0.396**	0.500	0.500	ND	**80**	**79**	43-125	1	15	
Surrogate:											
DCB						*100*	*98*	*46-125*			

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

ORGANOCHLORINE PESTICIDES EPA 8081B QUALITY CONTROL

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0702S1					
alpha-BHC	**ND**	5.0	EPA 8081B	7-2-20	7-2-20	
gamma-BHC	**ND**	5.0	EPA 8081B	7-2-20	7-2-20	
beta-BHC	**ND**	5.0	EPA 8081B	7-2-20	7-2-20	
delta-BHC	**ND**	5.0	EPA 8081B	7-2-20	7-2-20	
Heptachlor	**ND**	5.0	EPA 8081B	7-2-20	7-2-20	
Aldrin	**ND**	5.0	EPA 8081B	7-2-20	7-2-20	
Heptachlor Epoxide	**ND**	5.0	EPA 8081B	7-2-20	7-2-20	
gamma-Chlordane	**ND**	5.0	EPA 8081B	7-2-20	7-2-20	
alpha-Chlordane	**ND**	10	EPA 8081B	7-2-20	7-2-20	
4,4'-DDE	**ND**	10	EPA 8081B	7-2-20	7-2-20	
Endosulfan I	**ND**	5.0	EPA 8081B	7-2-20	7-2-20	
Dieldrin	**ND**	10	EPA 8081B	7-2-20	7-2-20	
Endrin	**ND**	5.0	EPA 8081B	7-2-20	7-2-20	
4,4'-DDD	**ND**	10	EPA 8081B	7-2-20	7-2-20	
Endosulfan II	**ND**	10	EPA 8081B	7-2-20	7-2-20	
4,4'-DDT	**ND**	10	EPA 8081B	7-2-20	7-2-20	
Endrin Aldehyde	**ND**	10	EPA 8081B	7-2-20	7-2-20	
Methoxychlor	**ND**	10	EPA 8081B	7-2-20	7-2-20	
Endosulfan Sulfate	**ND**	10	EPA 8081B	7-2-20	7-2-20	
Endrin Ketone	**ND**	10	EPA 8081B	7-2-20	7-2-20	
Toxaphene	**ND**	50	EPA 8081B	7-2-20	7-2-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*84*	*33-97*				
DCB	*103*	*36-115*				

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

ORGANOCHLORINE PESTICIDES EPA 8081B QUALITY CONTROL

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	07-008-05										
	MS	MSD	MS	MSD		MS	MSD				
alpha-BHC	**86.8**	**98.8**	100	100	ND	**87**	**99**	36-123	13	21	
gamma-BHC	**87.6**	**97.8**	100	100	ND	**88**	**98**	38-121	11	21	
beta-BHC	**82.2**	**94.6**	100	100	ND	**82**	**95**	31-125	14	21	
delta-BHC	**86.6**	**96.9**	100	100	ND	**87**	**97**	37-118	11	23	
Heptachlor	**77.3**	**86.8**	100	100	ND	**77**	**87**	37-123	12	24	
Aldrin	**83.5**	**89.6**	100	100	ND	**83**	**90**	44-112	7	22	
Heptachlor Epoxide	**82.7**	**92.6**	100	100	ND	**83**	**93**	46-110	11	22	
gamma-Chlordane	**83.4**	**92.7**	100	100	ND	**83**	**93**	45-112	11	23	
alpha-Chlordane	**81.2**	**90.5**	100	100	ND	**81**	**91**	47-106	11	23	
4,4'-DDE	**85.9**	**93.8**	100	100	ND	**86**	**94**	34-139	9	22	
Endosulfan I	**61.9**	**69.5**	100	100	ND	**62**	**70**	46-115	12	25	
Dieldrin	**84.3**	**92.5**	100	100	ND	**84**	**92**	48-115	9	23	
Endrin	**86.8**	**94.5**	100	100	ND	**87**	**94**	44-120	8	28	
4,4'-DDD	**87.3**	**99.6**	100	100	ND	**87**	**100**	42-131	13	21	
Endosulfan II	**86.3**	**94.8**	100	100	ND	**86**	**95**	47-109	9	22	
4,4'-DDT	**90.9**	**100**	100	100	ND	**91**	**100**	29-135	10	32	
Endrin Aldehyde	**83.3**	**89.4**	100	100	ND	**83**	**89**	45-99	7	22	
Methoxychlor	**85.6**	**95.5**	100	100	ND	**86**	**95**	40-132	11	22	
Endosulfan Sulfate	**85.1**	**94.3**	100	100	ND	**85**	**94**	47-105	10	21	
Endrin Ketone	**86.5**	**96.3**	100	100	ND	**87**	**96**	46-115	11	22	
Surrogate:											
TCMX						*78*	*88*	*33-97*			
DCB						*81*	*93*	*36-115*			

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

CHLORINATED ACID HERBICIDES EPA 8151A QUALITY CONTROL

Matrix: Soil
Units: ug/Kg (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0703S1					
Dalapon	**ND**	180	EPA 8151A	7-3-20	7-3-20	
Dicamba	**ND**	9.4	EPA 8151A	7-3-20	7-3-20	
MCPP	**ND**	940	EPA 8151A	7-3-20	7-3-20	
MCPA	**ND**	2300	EPA 8151A	7-3-20	7-3-20	
Dichlorprop	**ND**	71	EPA 8151A	7-3-20	7-3-20	
2,4-D	**ND**	9.4	EPA 8151A	7-3-20	7-3-20	
Pentachlorophenol	**ND**	4.8	EPA 8151A	7-3-20	7-3-20	
2,4,5-TP (Silvex)	**ND**	9.5	EPA 8151A	7-3-20	7-3-20	
2,4,5-T	**ND**	9.5	EPA 8151A	7-3-20	7-3-20	
2,4-DB	**ND**	9.5	EPA 8151A	7-3-20	7-3-20	
Dinoseb	**ND**	9.5	EPA 8151A	7-3-20	7-3-20	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCAA	*67*	*18-119*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	06-338-07										
	MS	MSD	MS	MSD		MS	MSD				
Dalapon	**338**	**575**	1250	1250	ND	**27**	**46**	10-83	52	30	L
Dicamba	**208**	**242**	250	250	ND	**83**	**97**	31-107	15	23	
MCPP	**25200**	**25700**	25000	25000	ND	**101**	**103**	36-134	2	32	
MCPA	**23900**	**24500**	25000	25000	ND	**96**	**98**	26-121	2	35	
Dichlorprop	**233**	**245**	250	250	ND	**93**	**98**	24-116	5	27	
2,4-D	**196**	**203**	250	250	ND	**79**	**81**	10-116	4	21	
Pentachlorophenol	**26.1**	**26.9**	25.0	25.0	ND	**105**	**107**	13-112	3	30	
2,4,5-TP (Silvex)	**256**	**270**	250	250	ND	**103**	**108**	40-124	5	23	
2,4,5-T	**241**	**256**	250	250	ND	**96**	**103**	19-138	6	24	
2,4-DB	**238**	**241**	250	250	ND	**95**	**97**	14-141	1	29	
Dinoseb	**250**	**238**	250	250	ND	**100**	**95**	12-115	5	23	
Surrogate:											
DCAA						*97*	*99*	*18-119*			

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

TOTAL METALS
EPA 6010D/6020B/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0706SM1					
Copper	**ND**	1.0	EPA 6010D	7-6-20	7-6-20	
Zinc	**ND**	2.5	EPA 6010D	7-6-20	7-6-20	
Laboratory ID:	MB0706SM1					
Selenium	**ND**	0.63	EPA 6020B	7-6-20	7-10-20	
Laboratory ID:	MB0707SM1					
Arsenic	**ND**	10	EPA 6010D	7-7-20	7-7-20	
Cadmium	**ND**	0.50	EPA 6010D	7-7-20	7-7-20	
Chromium	**ND**	0.50	EPA 6010D	7-7-20	7-7-20	
Lead	**ND**	5.0	EPA 6010D	7-7-20	7-7-20	
Nickel	**ND**	2.5	EPA 6010D	7-7-20	7-7-20	
Laboratory ID:	MB0708S1					
Mercury	**ND**	0.025	EPA 7471B	7-8-20	7-8-20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

TOTAL METALS
EPA 6010D/6020B/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	07-008-03									
	ORIG	DUP								
Arsenic	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Cadmium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Chromium	**21.9**	**21.8**	NA	NA		NA	NA	0	20	
Lead	**18.6**	**16.1**	NA	NA		NA	NA	14	20	
Nickel	**25.3**	**26.8**	NA	NA		NA	NA	6	20	
Laboratory ID:	07-008-03									
Mercury	**0.0301**	**0.0448**	NA	NA		NA	NA	39	20	C
Laboratory ID:	07-008-03									
	ORIG	DUP								
Copper	**7.55**	**7.75**	NA	NA		NA	NA	3	20	
Zinc	**31.1**	**30.1**	NA	NA		NA	NA	3	20	
Laboratory ID:	07-008-03									
	ORIG	DUP								
Selenium	**ND**	**ND**	NA	NA		NA	NA	NA	20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

TOTAL METALS
EPA 6010D/6020B/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	07-008-03										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**86.8**	**85.1**	100	100	ND	**87**	**85**	75-125	2	20	
Cadmium	**42.3**	**41.5**	50.0	50.0	ND	**85**	**83**	75-125	2	20	
Chromium	**105**	**105**	100	100	21.9	**83**	**83**	75-125	0	20	
Lead	**242**	**234**	250	250	18.6	**89**	**86**	75-125	3	20	
Nickel	**108**	**112**	100	100	25.3	**83**	**86**	75-125	3	20	
Laboratory ID:	07-008-03										
Mercury	**0.517**	**0.498**	0.500	0.500	0.0301	**97**	**94**	80-120	4	20	
Laboratory ID:	07-008-03										
	MS	MSD	MS	MSD		MS	MSD				
Copper	**52.3**	**51.9**	50.0	50.0	7.55	**90**	**89**	75-125	1	20	
Zinc	**114**	**114**	100	100	31.1	**83**	**83**	75-125	0	20	
Laboratory ID:	07-008-03										
	MS	MSD	MS	MSD		MS	MSD				
Selenium	**95.3**	**94.5**	100	100	ND	**95**	**95**	75-125	1	20	

Date of Report: July 13, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008
Project: 6694-002-03

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
STP-12-7	07-008-01	**18**	7-1-20
STP-11-2	07-008-02	**26**	7-1-20
STP-10-SP	07-008-03	**23**	7-1-20
STP-02-11	07-008-04	**21**	7-1-20
STP-03-15	07-008-05	**21**	7-1-20
STP-04-15	07-008-06	**43**	7-1-20
STP-05-10	07-008-07	**21**	7-1-20
STP-06-15	07-008-08	**24**	7-1-20
STP-06-3	07-008-09	**19**	7-1-20

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: Geo Engineers
Project Number: 6694-002-03
Project Name: Go East Landfill
Project Manager: Rob Leet
Sampled by: JD

Turnaround Request (in working days)

(Check One)

☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☑ 5-6 Days (other)

Laboratory Number: 07-008

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260C	Halogenated Volatiles 8260C	EDB EPA 8011 (Waters Only)	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A	① Total Metals				% Moisture
1	STP-12-7	6/30/20	0850	S	6			X	X	X			X		X	X		X					X				X
2	STP-11-2		0908					X	X	X			X		X	X		X					X				
3	STP-10-SP		0950					X	X	X			X		X	X		X					X				
4	STP-02-11		1035					X	X	X			X		X	X		X					X				
5	STP-03-15		1115					X	X	X			X		X	X		X					X				
6	STP-04-15		1145					X	X	X			X		X	X		X					X				
7	STP-05-10		1240					X	X	X			X		X	X		X					X				
8	STP-06-15		1315					X	X	X			X		X	X		X					X				
9	STP-08-3		1340					X	X	X			X		X	X		X					X				

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished		GEI	7/1/20	0905	① Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Zinc
Received	Van	Spdy	7/1/20	0905	
Relinquished	Van	Spdy	7/1/20	1120	
Received		GSE	7/1/20	1120	
Relinquished					
Received					Data Package: Standard ☐ Level III ☐ Level IV ☐
Reviewed/Date		Reviewed/Date			Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

July 17, 2020

Rob Leet
GeoEngineers, Inc.
2101 4th Avenue, Suite 950
Seattle, WA 98121

Re: Analytical Data for Project 6694-002-03
Laboratory Reference No. 2006-338B

Dear Rob:

Enclosed are the analytical results and associated quality control data for samples submitted on June 30, 2020.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: July 17, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338B
Project: 6694-002-03

Case Narrative

Samples were collected on June 29, 2020 and received by the laboratory on June 30, 2020. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: July 17, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338B
Project: 6694-002-03

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
STP-01-20	06-338-01	Soil	6-29-20	6-30-20	
STP-07-15	06-338-11	Soil	6-29-20	6-30-20	

Date of Report: July 17, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338B
Project: 6694-002-03

TCLP LEAD
EPA 1311/6010D

Matrix: TCLP Extract
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-01-20**					
Laboratory ID:	06-338-01					
Lead	**ND**	0.20	EPA 6010D	7-14-20	7-14-20	
Client ID:	**STP-07-15**					
Laboratory ID:	06-338-11					
Lead	**ND**	0.20	EPA 6010D	7-14-20	7-14-20	

Date of Report: July 17, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338B
Project: 6694-002-03

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx with Acid/Silica gel clean-up

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-01-20**					
Laboratory ID:	06-338-01					
Diesel Range Organics	**ND**	150	NWTPH-Dx	7-1-20	7-10-20	X1
Lube Oil	**1500**	300	NWTPH-Dx	7-1-20	7-10-20	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*92*	*50-150*				
Client ID:	**STP-07-15**					
Laboratory ID:	06-338-11					
Diesel Range Organics	**ND**	29	NWTPH-Dx	7-1-20	7-10-20	U1,X1
Lube Oil	**340**	55	NWTPH-Dx	7-1-20	7-10-20	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*92*	*50-150*				

Date of Report: July 17, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338B
Project: 6694-002-03

TCLP LEAD
EPA 1311/6010D
QUALITY CONTROL

Matrix: TCLP Extract
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0714TM1					
Lead	**ND**	0.20	EPA 6010D	7-14-20	7-14-20	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	07-097-01										
	ORIG	DUP									
Lead	**0.486**	**0.476**	NA	NA		NA		NA	2	20	
MATRIX SPIKES											
Laboratory ID:	07-097-01										
	MS	MSD	MS	MSD		MS	MSD				
Lead	**9.52**	**9.55**	10.0	10.0	0.486	**90**	**91**	75-125	0	20	

Date of Report: July 17, 2020
Samples Submitted: June 30, 2020
Laboratory Reference: 2006-338B
Project: 6694-002-03

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx with Acid/Silica gel clean-up
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0701S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	7-1-20	7-10-20	X1
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	7-1-20	7-10-20	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*93*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	SB0701S1										
	ORIG	DUP									
Diesel Fuel #2	**120**	**106**	NA	NA		NA		NA	12	NA	X1
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	X1
Surrogate:											
o-Terphenyl						*103*	*97*	*50-150*			

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: GeoEngineers
Project Number: 6694-002-03
Project Name: Go East Landfill
Project Manager: Rob Leet
Sampled by: JD

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
5-6 Days (other)

Laboratory Number: 06-338

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260C	Halogenated Volatiles 8260C	EDB EPA 8011 (Waters Only)	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP ~~Metals~~ Pb only	HEM (oil and grease) 1664A	Totals metals (1)	Dx w/ th SG/AC			% Moisture
1	STP-01-#20	6/29/20	0920	S	6			X	X	X			X		X	X		X			(X)		X	(X)			C
2	F:11-03-3		1000					X	X	X			X		X	X		X					X				
3	F:11-02-3		1007											X	X								X				
4	F:11-01-3		1020											X	X			~~X~~					X				
5	F:11-04-3		1110											X	X			~~X~~					X				
6	F:11-05-3		1120											X	X			~~X~~					X				
7	F:11-06-3		1140					X	X	X			X		X	X		X					X				
8	F:11-08-3		1155											X	X								X				
9	F:11-09-3		1205					X	X	X			X		X	X		X					X				
10	F:11-10-3		1205											X	X								X				

	Signature	Company	Date	Time
Relinquished		GEI	6/30/20	8:30
Received		SPEEDY	6/30/20	8:30
Relinquished		SPEEDY	6/30/20	10:56
Received		OSE	6/30/20	10:56
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
(1) Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Zinc
(X) Added 7/10/20 BG 5 day TA

Data Package: Standard ☐ Level III ☐ Level IV ☐
Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: GeoEngineers
Project Number: 6694-002-03
Project Name: GO East Land Fill
Project Manager: Rob Leet
Sampled by: JD

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
5-6 Days (other)

Laboratory Number: 06-338

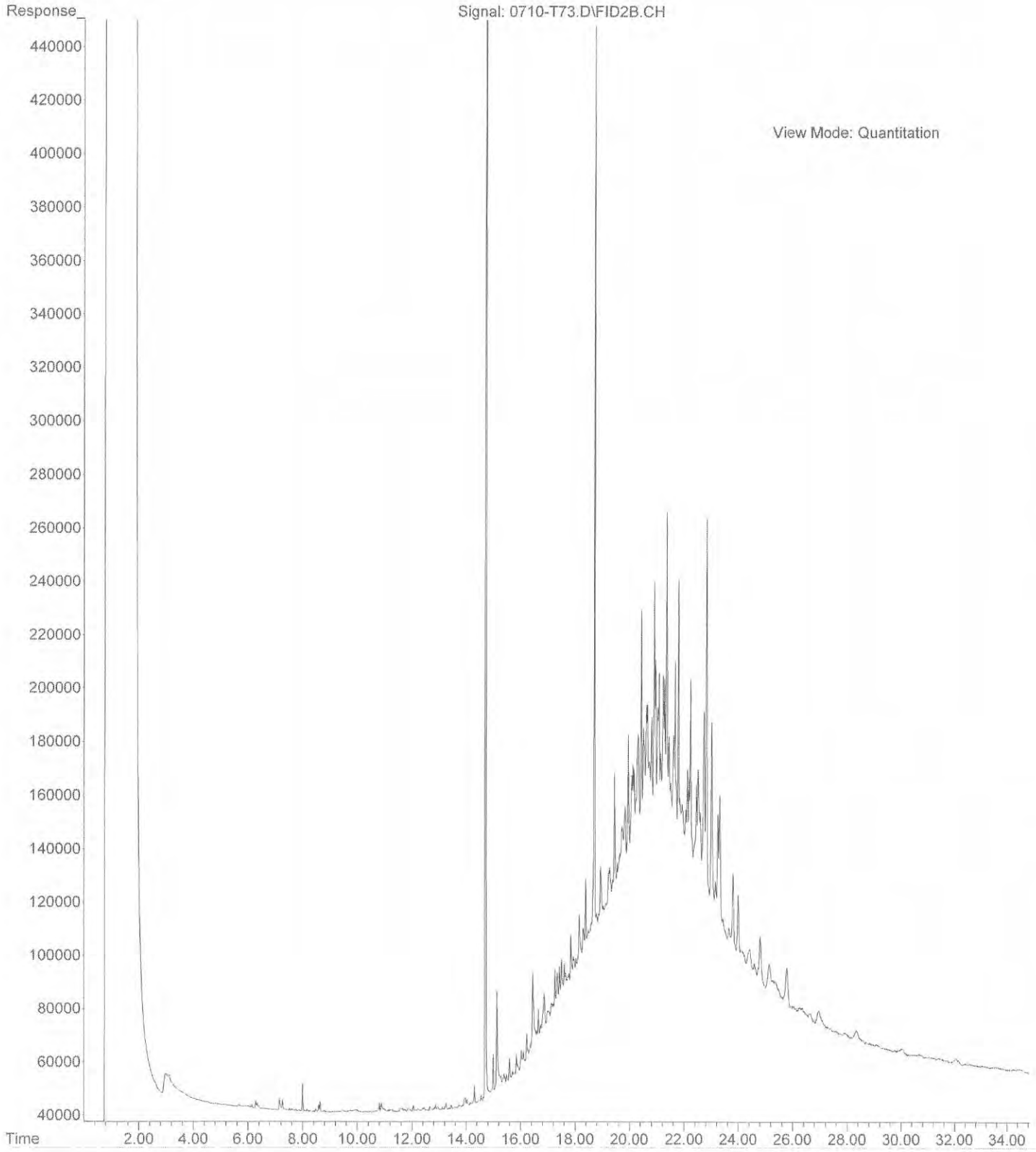
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260C	Halogenated Volatiles 8260C	EDB EPA 8011 (Waters Only)	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals Pb only	HEM (oil and grease) 1664A	Total Arsenic ①	Dx with SG/AC			% Moisture
11	STP-07-15	6/24/20	1250	S	6			X	X	X			X		X	X		X			X		X	X			10
12	STP-09-2		1320					X	X	X			X		X	X		X					X				
13	~~FSTP-01-1~~ FST-01-1 JB		1345				X		X																		
14	FSTP-07-1		1400											X	X								X				
15	Dup-1-200624	↓	0600	↓	↓			X	X	X			X		X	X		X					X				

	Signature	Company	Date	Time
Relinquished		GES	6/30/20	8:30
Received		SPEEDY	6/30/20	8:30
Relinquished	Celia Forrester	"	6/30/20	1356
Received		OSE	6/30/20	1056
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

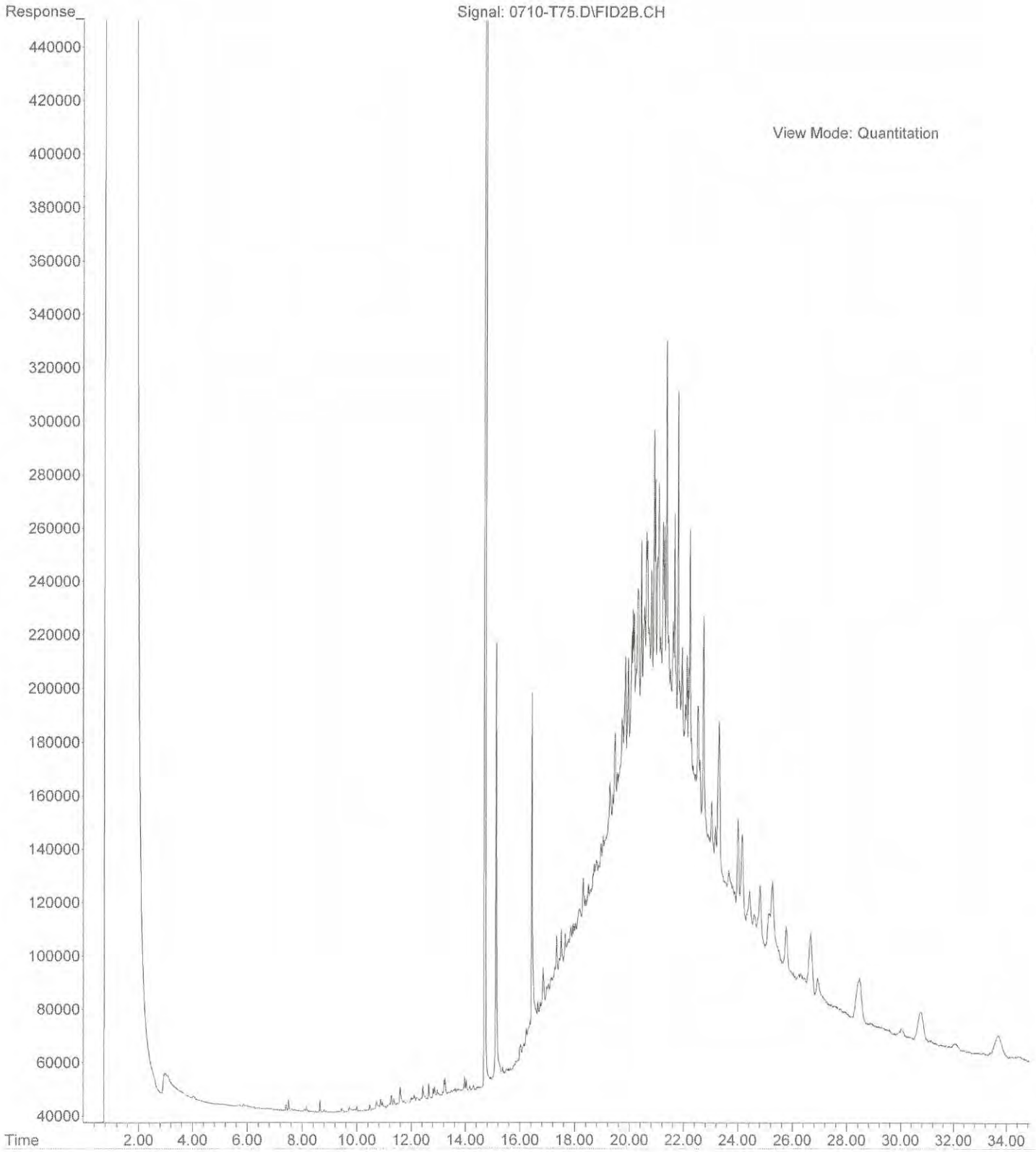
Comments/Special Instructions
① Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Zinc.

Data Package: Standard ☐ Level III ☐ Level IV ☐
Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

File : X:\DIESELS\TERI\DATA\T200710.SEC\0710-T73.D
Operator : JT
Acquired : 10 Jul 2020 23:39 using AcqMethod T200106F.M
Instrument : Teri
Sample Name: 06-338-01 ACU
Misc Info :
Vial Number: 73



File :X:\DIESELS\TERI\DATA\T200710.SEC\0710-T75.D
Operator : JT
Acquired : 11 Jul 2020 1:04 using AcqMethod T200106F.M
Instrument : Teri
Sample Name: 06-338-11 ACU
Misc Info :
Vial Number: 75



OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

July 17, 2020

Rob Leet
GeoEngineers, Inc.
2101 4th Avenue, Suite 950
Seattle, WA 98121

Re: Analytical Data for Project 6694-002-03
Laboratory Reference No. 2007-008B

Dear Rob:

Enclosed are the analytical results and associated quality control data for samples submitted on July 1, 2020.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: July 17, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008B
Project: 6694-002-03

Case Narrative

Samples were collected on June 30, 2020 and received by the laboratory on July 1, 2020. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: July 17, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008B
Project: 6694-002-03

ANALYTICAL REPORT FOR SAMPLES

Client ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes
STP-12-7	07-008-01	Soil	6-30-20	7-1-20	
STP-11-2	07-008-02	Soil	6-30-20	7-1-20	
STP-02-11	07-008-04	Soil	6-30-20	7-1-20	
STP-04-15	07-008-06	Soil	6-30-20	7-1-20	
STP-05-10	07-008-07	Soil	6-30-20	7-1-20	
STP-06-15	07-008-08	Soil	6-30-20	7-1-20	

Date of Report: July 17, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008B
Project: 6694-002-03

TCLP METALS
EPA 1311/6010D/7470A

Matrix: TCLP Extract
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-12-7**					
Laboratory ID:	07-008-01					
Lead	**ND**	0.20	EPA 6010D	7-14-20	7-14-20	
Client ID:	**STP-11-2**					
Laboratory ID:	07-008-02					
Lead	**ND**	0.20	EPA 6010D	7-14-20	7-14-20	
Client ID:	**STP-02-11**					
Laboratory ID:	07-008-04					
Lead	**ND**	0.20	EPA 6010D	7-14-20	7-14-20	
Client ID:	**STP-04-15**					
Laboratory ID:	07-008-06					
Lead	**ND**	0.20	EPA 6010D	7-14-20	7-14-20	
Client ID:	**STP-05-10**					
Laboratory ID:	07-008-07					
Lead	**0.57**	0.20	EPA 6010D	7-14-20	7-14-20	
Mercury	**ND**	0.0050	EPA 7470A	7-15-20	7-15-20	
Client ID:	**STP-06-15**					
Laboratory ID:	07-008-08					
Lead	**ND**	0.20	EPA 6010D	7-14-20	7-14-20	

Date of Report: July 17, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008B
Project: 6694-002-03

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx with Acid/Silica gel clean-up

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**STP-12-7**					
Laboratory ID:	07-008-01					
Diesel Range Organics	**ND**	150	NWTPH-Dx	7-2-20	7-10-20	X1
Lube Oil	**580**	310	NWTPH-Dx	7-2-20	7-10-20	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*88*	*50-150*				
Client ID:	**STP-11-2**					
Laboratory ID:	07-008-02					
Diesel Range Organics	**ND**	340	NWTPH-Dx	7-2-20	7-17-20	X1
Lube Oil	**1800**	680	NWTPH-Dx	7-2-20	7-17-20	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*---*	*50-150*				S
Client ID:	**STP-02-11**					
Laboratory ID:	07-008-04					
Diesel Range Organics	**ND**	790	NWTPH-Dx	7-2-20	7-17-20	X1
Lube Oil	**6900**	1600	NWTPH-Dx	7-2-20	7-17-20	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*---*	*50-150*				S
Client ID:	**STP-04-15**					
Laboratory ID:	07-008-06					
Diesel Range Organics	**ND**	61	NWTPH-Dx	7-2-20	7-10-20	U1,X1
Lube Oil	**510**	88	NWTPH-Dx	7-2-20	7-10-20	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*93*	*50-150*				
Client ID:	**STP-05-10**					
Laboratory ID:	07-008-07					
Diesel Range Organics	**ND**	32	NWTPH-Dx	7-2-20	7-10-20	X1
Lube Oil	**250**	63	NWTPH-Dx	7-2-20	7-10-20	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*95*	*50-150*				
Client ID:	**STP-06-15**					
Laboratory ID:	07-008-08					
Diesel Range Organics	**ND**	170	NWTPH-Dx	7-2-20	7-10-20	X1
Lube Oil	**520**	330	NWTPH-Dx	7-2-20	7-10-20	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*97*	*50-150*				

Date of Report: July 17, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008B
Project: 6694-002-03

TCLP METALS
EPA 1311/6010D/7470A
QUALITY CONTROL

Matrix: TCLP Extract
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0714TM1					
Lead	**ND**	0.20	EPA 6010D	7-14-20	7-14-20	
Laboratory ID:	MB0715T1					
Mercury	**ND**	0.0050	EPA 7470A	7-15-20	7-15-20	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	07-097-01										
	ORIG	DUP									
Lead	**0.486**	**0.476**	NA	NA		NA		NA	2	20	
Laboratory ID:	07-008-07										
Mercury	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	07-097-01										
	MS	MSD	MS	MSD		MS	MSD				
Lead	**9.52**	**9.55**	10.0	10.0	0.486	**90**	**91**	75-125	0	20	
Laboratory ID:	07-008-07										
Mercury	**0.0475**	**0.0458**	0.0500	0.0500	ND	**95**	**92**	75-125	4	20	

Date of Report: July 17, 2020
Samples Submitted: July 1, 2020
Laboratory Reference: 2007-008B
Project: 6694-002-03

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx with Acid/Silica gel clean-up
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0702S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	7-2-20	7-10-20	X1
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	7-2-20	7-10-20	X1
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*101*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	SB0702S1										
	ORIG	DUP									
Diesel Fuel #2	**113**	**110**	NA	NA		NA		NA	3	NA	X1
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	X1
Surrogate:											
o-Terphenyl						*109*	*106*	*50-150*			

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1- Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

Page 1 of 1

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: Geo Engineers
Project Number: 6694-002-03
Project Name: Go East Landfill
Project Manager: Rob Last
Sampled by: JD

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days)
☐ ~~5~~-6 Days (other)

Laboratory Number: 07-008

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers
1	STP-12-7	6/30/20	0850	S	6
2	STP-11-2		0908		
3	STP-10-SP		0950		
4	STP-02-11		1035		
5	STP-03-15		1115		
6	STP-04-15		1145		
7	STP-05-10		1240		
8	STP-06-15		1315		
9	STP-08-3		1340		

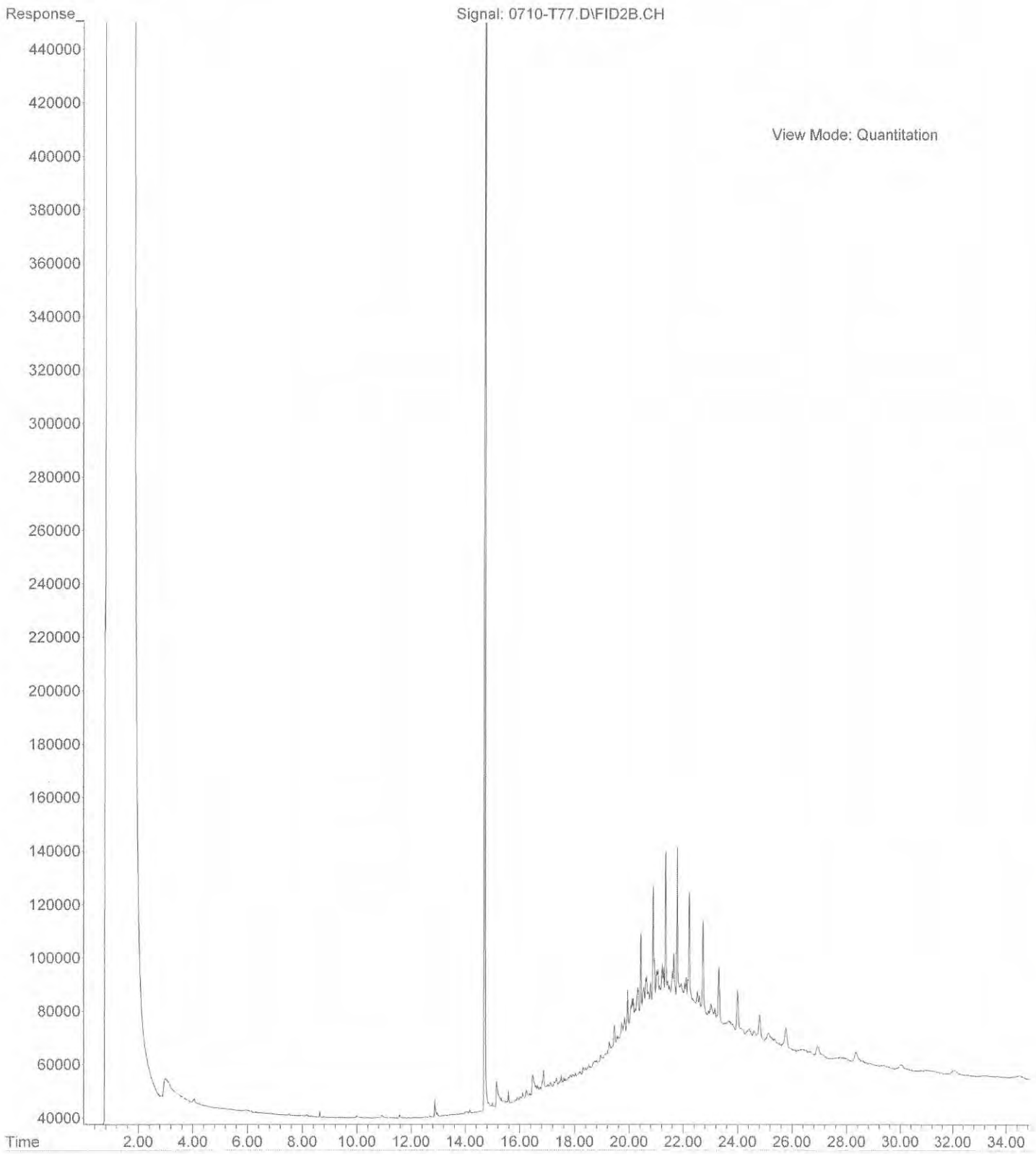
Lab ID	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260C	Halogenated Volatiles 8260C	EDB EPA 8011 (Waters Only)	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals Pb only	HEM (oil and grease) 1664A	Total Metals (1)	Dx with Sg/Ac	TCLP Hg		% Moisture
1			X	X	X			X		X	X		X			(X)		X	(X)			10
2			X	X	X			X		X	X		X			(X)		X	(X)			
3			X	X	X			X		X	X		X					X				
4			X	X	X			X		X	X		X			(X)		X	(X)			
5			X	X	X			X		X	X		X					X				
6			X	X	X			X		X	X		X			(X)		X	(X)			
7			X	X	X			X		X	X		X			(X)		X	(X)	(X)		
8			X	X	X			X		X	X		X			(X)		X	(X)			
9			X	X	X			X		X	X		X					X				

	Signature	Company	Date	Time
Relinquished		GEI	7/1/20	0905
Received		Spdy	7/1/20	0905
Relinquished		Spdy	7/1/20	1120
Received		GEL	7/1/20	1120
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

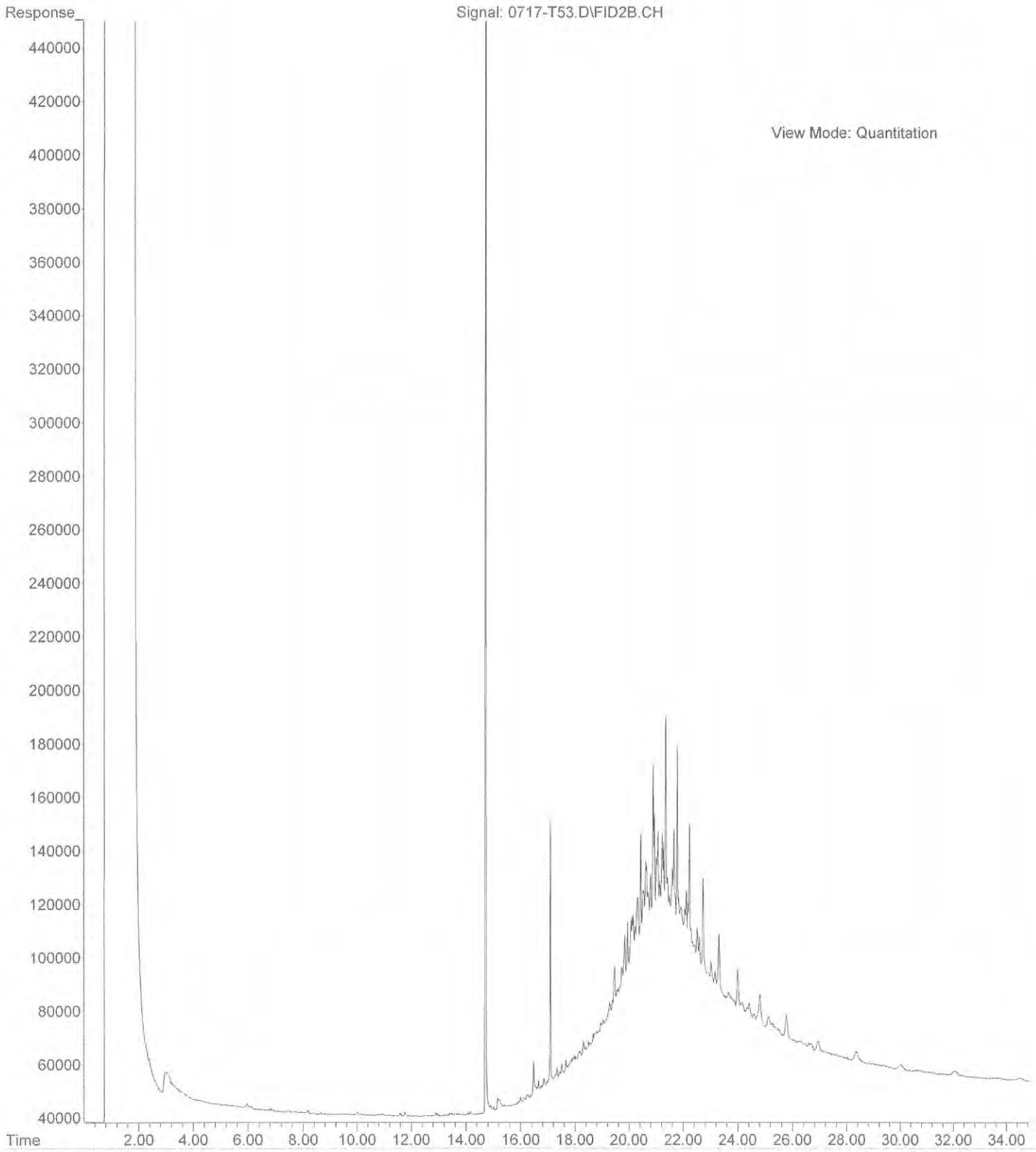
Comments/Special Instructions
(1) Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Zinc
(X) Added 7/10/20 BC 5 day TA

Data Package: Standard ☐ Level III ☐ Level IV ☐
Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

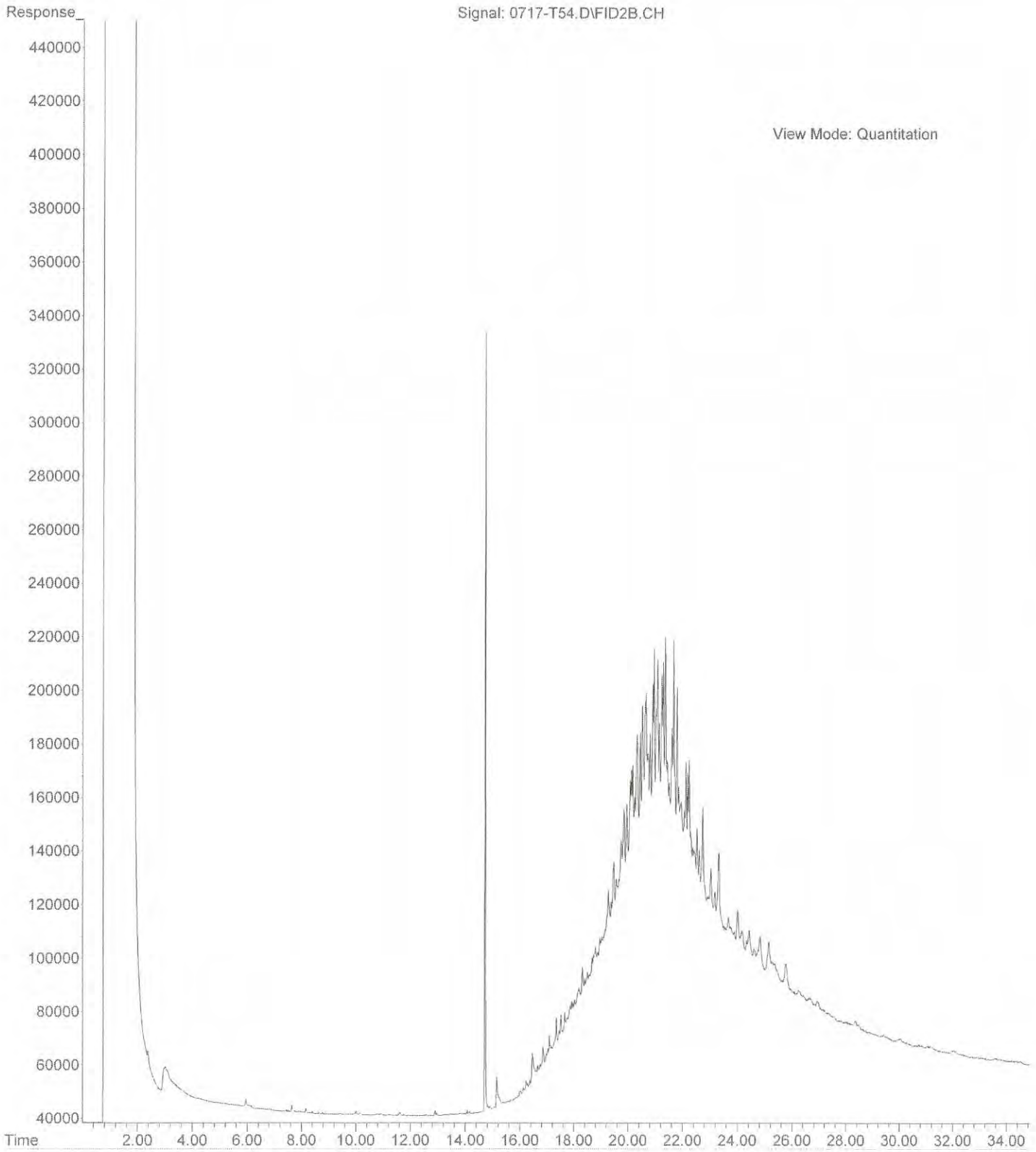
File : X:\DIESELS\TERI\DATA\T200710.SEC\0710-T77.D
Operator : JT
Acquired : 11 Jul 2020 2:30 using AcqMethod T200106F.M
Instrument : Teri
Sample Name: 07-008-01 ACU 5x
Misc Info :
Vial Number: 77



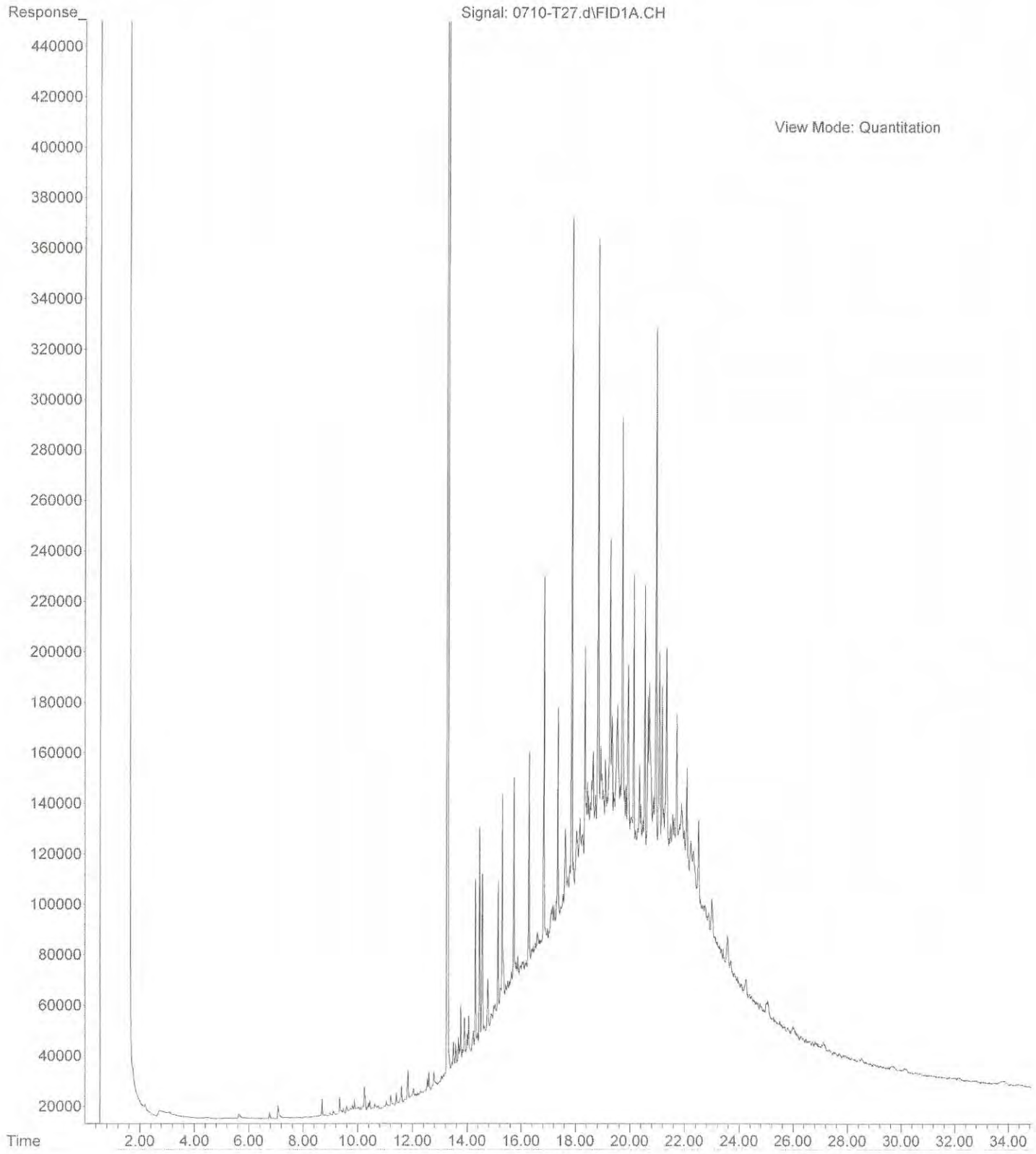
File : X:\DIESELS\TERI\DATA\T200717.SEC\0717-T53.D
Operator : JT
Acquired : 17 Jul 2020 9:51 using AcqMethod T200106F.M
Instrument : Teri
Sample Name: 07-008-02 ACU 10X
Misc Info :
Vial Number: 53



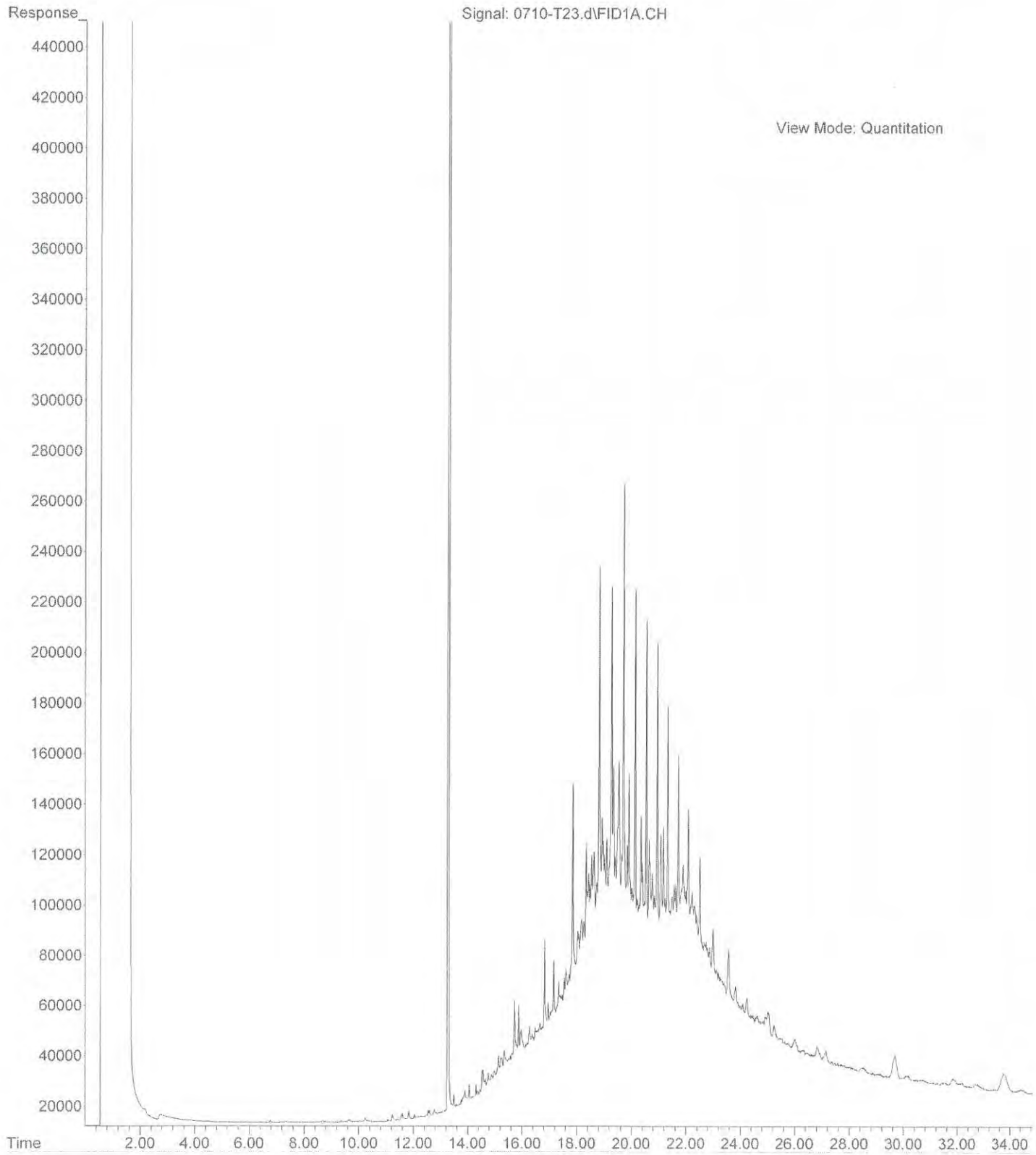
File : X:\DIESELS\TERI\DATA\T200717.SEC\0717-T54.D
Operator : JT
Acquired : 17 Jul 2020 10:34 using AcqMethod T200106F.M
Instrument : Teri
Sample Name: 07-008-04 ACU 25X
Misc Info :
Vial Number: 54



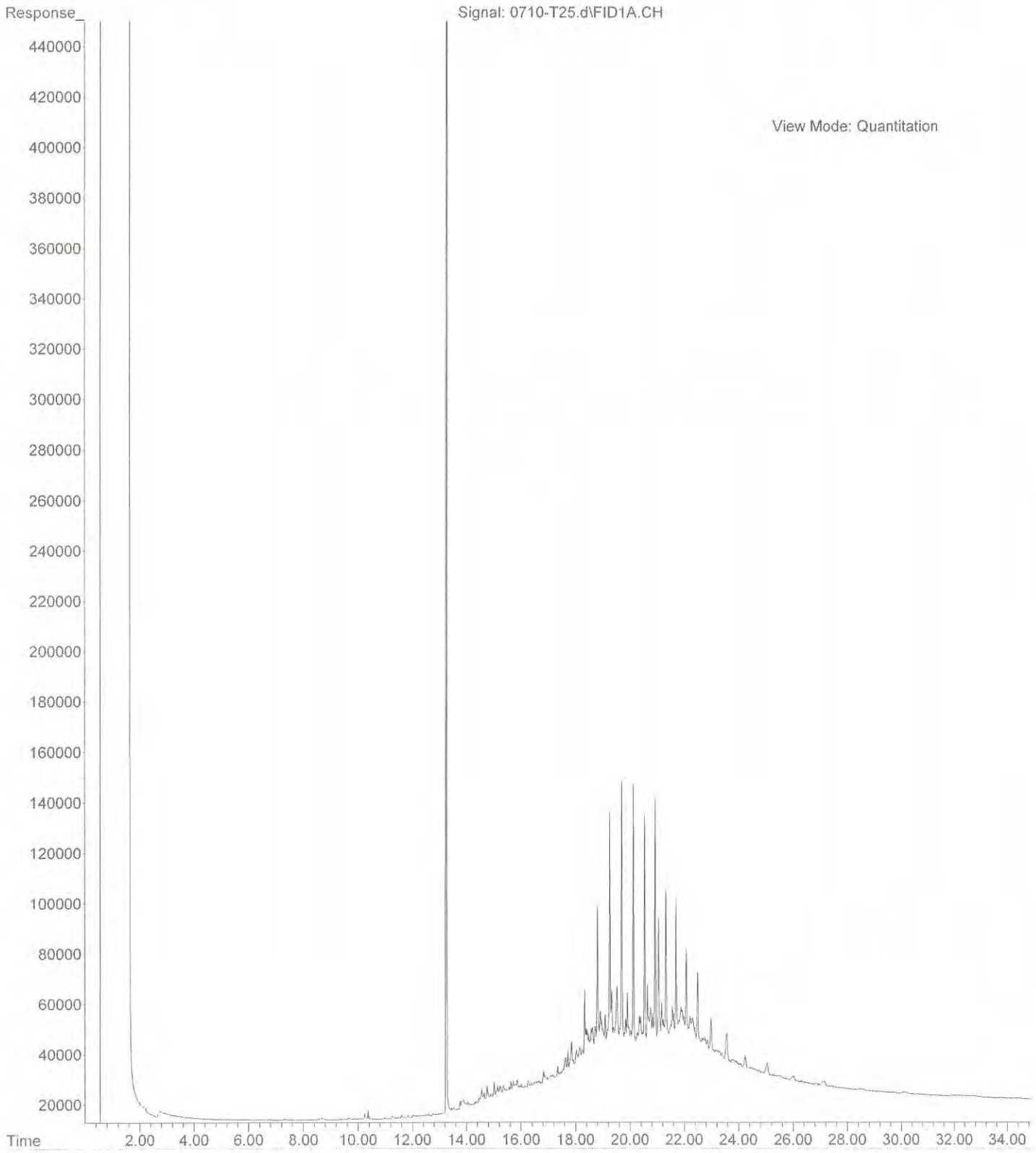
File :X:\DIESELS\TERI\DATA\T200710\0710-T27.d
Operator : JT
Acquired : 11 Jul 2020 2:30 using AcqMethod T200106F.M
Instrument : Teri
Sample Name: 07-008-06 ACU
Misc Info :
Vial Number: 27



File :X:\DIESELS\TERI\DATA\T200710\0710-T23.d
Operator : JT
Acquired : 10 Jul 2020 23:39 using AcqMethod T200106F.M
Instrument : Teri
Sample Name: 07-008-07 ACU
Misc Info :
Vial Number: 23



File :X:\DIESELS\TERI\DATA\T200710\0710-T25.d
Operator : JT
Acquired : 11 Jul 2020 1:04 using AcqMethod T200106F.M
Instrument : Teri
Sample Name: 07-008-08 ACU 5x
Misc Info :
Vial Number: 25



ATTACHMENT C

Asbestos and Lead-Based Paint Survey Report prepared by Pacific Rim Environmental

PacRim
Est.1990

Asbestos and Lead-Based Paint Survey

Go East Landfill
4330 108th Street SE
Everett, WA 98208

Performed for:

GeoEngineers, Inc.
2101 4th Avenue, Suite 950
Seattle, WA 98121

Prepared By:

Melanie Sandefur
Project Administrator
PacRim

Sr. Review By:

Tricia Lewis
AHERA Accredited BI
PacRim

Date Finalized: 7/20/2020
PacRim#: 16927

Table of Contents

QAQC Review By: _____ Date Reviewed: 7/21/2020

On June 29th & 30th, 2020 Todd Carter, an AHERA Accredited Building Inspector and a Washington State DOC Lead Inspector for Pacific Rim Environmental, Inc. (PacRim), performed an asbestos and lead-based paint survey at the subject property described below.

Site: **Go East Landfill 4330 108th Street SE, Everett, WA:** 9.6-acre former landfill

Limitations: Former landfill. Sampling of materials excavated from supplemental test pits only.

Field inspection, data collection, and report generation were performed according to the following **Scope of Work**:

Asbestos-Containing Materials (ACM)

1. Bulk sampling and analysis of suspect asbestos-containing materials (ACM).
2. Analysis of suspect ACM by a NVLAP accredited laboratory.
3. Quantity estimates of ACM.
4. Written report including recommendations based on the technician's observations, abatement (removal) cost estimates (under separate cover), sample descriptions, and sample location.
5. Statement of Compliance with W.A.C. 296-62-07721 Sign-off form.

Lead-Based Paints (LBP)

6. Perform limited screening of suspect lead-based paints.
7. Written report including: Sample descriptions, conditions, locations, analytical results, and recommendations.

DEFINITIONS:

Surfacing: Materials; which are either spray-applied or troweled-on for acoustical, decorative or fireproofing purposes.

Thermal System Insulation (TSI): Insulating materials used to inhibit heat transfer or to prevent condensation on pipes, boilers, tanks, ducts and various other components.

Miscellaneous: All other materials not included in the above categories such as floor tile, ceiling tile, roofing felt, cementitious materials, wallboard systems and products such as caulking, mastics and putties.

Homogeneous Material: For the purposes of this report; ***Homogeneous Material*** is defined as an area of surfacing material, thermal system insulation, or miscellaneous material that is uniform in color, texture and application. When materials are determined to be Homogeneous by the on-site AHERA Accredited Building Inspector; although laboratory results may vary, in accordance with AHERA regulations, if any of the samples in a Homogeneous Material Sample Set are found to contain asbestos, then all materials in the Sample Set must be considered to contain asbestos.

HM#: Homogeneous Material Number indicates which Homogeneous Material Sample Set that the collected sample belongs to.

Homogeneous Area: For the purposes of this report; ***Homogeneous Area*** is defined as a summary of all areas where a Homogeneous Material was identified within the Project Scope.

PURPOSE:

The survey was intended to identify possible asbestos-containing materials (ACM) of the test pits at Go East Landfill. This inspection covered only those areas, which were exposed and/or physically accessible to the inspector. ***Materials uncovered during the course of demolition, renovation, or maintenance activities that are not identified in this inspection report must be presumed to contain asbestos until PLM analysis proves that this material is not asbestos-containing.***

This survey is not intended for, nor should be used as a design specification. The Asbestos in Schools Hazard Amendment and Reauthorization Act (ASHARA), effective November 20, 1990, expanded accreditation requirements to apply to persons who work with asbestos in public and commercial buildings as well as schools. Specifically, ASHARA expanded the Toxic Substances Control Act (TSCA) Section 206 (a) (1) and (3) to require accreditation for any person who designs or conducts a response action with respect to friable ACM in a building. TSCA Section 207 provides for civil penalties of $5,000 for each day of a violation for not employing accredited individuals to design and conduct response actions. Sampling of suspect asbestos-containing materials was conducted as prescribed in 40 CFR 763.86.

Section 3.0 Homogeneous Materials Sampling and Results Summary

Go East Landfill | 4330 108th Street SE, Everett, WA 98208

Bulk samples collected were submitted for sample analysis in accordance with method EPA-600/R-93/116: "Method for the Determination of Asbestos in Bulk Building Materials". Analyses were performed at Pacific Rim Environmental, Inc., a NVLAP Accredited Laboratory (Lab Code 101631-0). Materials are positive for asbestos if they are found to contain greater than one percent (1%) or 1% asbestos. Materials that are less than one percent (<1%) asbestos, although not considered positive for asbestos, when removed must follow applicable Washington State regulations.

A total of sixteen (16) bulk samples were collected by PacRim and submitted for PLM laboratory analysis.

The following materials were determined to be ACM by laboratory analysis:

- **Built-up Roofing and Insulation Debris**
- **Built-up Roofing and Pea Gravel Ballast**
- **Cement Board**

Materials identified as asbestos-containing materials (ACM) as defined by the EPA:

HM#	AHERA Category	Homogeneous Material Description	Homogeneous Area	Quantity (Approx.)	Sample #'s	Asbestos Content
3	Misc.	Built-up Roofing & Insulation Debris	STP-03	Unknown	03	Layer 1: (Lt gry insulation) None Detected Layer 2: (Blk ashen felt) Chrysotile 1-3%
5	Misc.	Built-up Roofing & Pea Gravel Ballast	STP-01	Unknown	05	Chrysotile 1-3%
8	Misc.	Cement Board	STP-02, Surface area STP-07	Unknown	12, 16	Chrysotile 10-15%

Materials determined to be Non-Asbestos:

HM#	AHERA Category	Homogeneous Material Description	Homogeneous Area	Sample #'s	Asbestos Content
1	Misc.	Built-up Roofing	STP-01	01	None Detected
2	Misc.	Gypsum Debris	STP-01, STP-07, STP-12	02, 06, 09	None Detected
4	Misc.	Refractory Brick	STP-01	04	None Detected
6	Misc.	Built-up Roofing	STP-07, STP-12, STP-02	07, 08, 10, 13	None Detected
7	TSI	Insulation Debris	STP-12	11	None Detected
9	Misc.	Gypsum Wall Board Debris	STP-03	14	None Detected
10	Misc.	Flooring Tile	STP-03	15	None Detected (Both Layers)

Materials uncovered during the course of demolition, renovation, or maintenance activities that are not identified in this inspection report must be presumed to contain asbestos until PLM analysis proves that this material is not asbestos-containing.

Section 4.0 Statement of Compliance

Go East Landfill | 4330 108th Street SE, Everett, WA 98208

In accordance with W.A.C. 296-62-07721 and PSCAA Regulation III, Article 4, Pacific Rim Environmental, Inc. performed an asbestos and lead-based paint survey of the subject property located at 4330 108th Street SE in Everett, Washington. Should employees or contract personnel encounter any suspect asbestos-containing materials (ACM) it is their responsibility to:

1. Contact a representative of the owner.
2. Consult the inspection report to determine whether or not the suspect material contains asbestos.
3. If the suspect material does not appear in the inspection report, then that material was not sampled and must be presumed to contain asbestos until proven otherwise by sampling and PLM analysis.
4. Ensure that all employees and contractors, who may disturb suspect materials, are informed and advised of the location and type of materials that contain asbestos.

Limitations: Former landfill. Sampling of materials excavated from supplemental test pits only.

The following materials were determined to be ACM by laboratory analysis:

- **Built-up Roofing and Insulation Debris**
- **Built-up Roofing and Pea Gravel Ballast**
- **Cement Board**

I Hereby Attest:

The inspection report has been made available to me. I will inform all subcontractors of the location and types of materials containing asbestos. I am authorized to sign on behalf of my company.

Contractor:	_____	Owner's Rep:	_____
Signature:	_____	Signature:	_____
Print Name:	_____	Print Name:	_____
Title:	_____	Title:	_____
Date:	_____	Date:	_____

Section 5.0 Lead-Based Paint Screening Summary

Go East Landfill | 4330 108th Street SE, Everett, WA 98208

The inspection and testing performed on the painted components observed in the test pits of the subject property ***did not identify*** lead-based paint concentrations.

Sample #	Location	Description	Result
LBP-1	STP-10	Concrete Debris	0.023%
LBP-2	STP-10	Wood Debris	0.029%
LBP-3	STP-4	Wood Debris	0.20%
LBP-4	STP-6	Wood Debris	0.096%

The FAAS sample results are provided in Appendix C.

General Information:

It is important to keep in mind that although the EPA/HUD standard uses a criterion of 5,000 parts per million dry weight or 1.00 milligrams per square centimeter (1.00 mg/cm^2) for lead-based paint, there still may be lead present in those results reported as negative. In the event that lead is present, Federal OSHA and Washington State Department of Labor & Industries regulations will still apply, since neither agency has established a concentration of lead in paint below which the lead in construction standards do not apply. Workers wearing respiratory protection and who have received proper training in the handling of lead contaminated materials must be used for any construction activities (including manual scraping, manual/power sanding, heat gun applications, general cleanup, and demolition) that affect a paint film containing lead.

If the building is to be renovated or remodeled there are procedures regarding the disturbance or removal of the lead-based paints that **can** be followed (i.e. initial air monitoring, clearance sampling, etc.). These procedures can be found in *HUD-0006700 Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing.* It is not required that these regulations/procedures be utilized on this project, however because these are the only available guidelines for the removal of lead-based paints PRE feels it necessary to inform you of these guidelines.

The current state rules or regulations that currently apply to lead-based paints are WAC 296-155-17603 Scope* and WAC 296-155-17607 Permissible Exposure Limit**. The WAC code states that if lead is detectable in the workplace in any quantity, initial air monitoring must be performed on employees doing demolition, renovation or remodeling work in areas found to have materials containing lead. Also, workers performing lead removal must be trained in accordance with WAC 296-155-17625.

Appendix A: Asbestos Sample Summary & Asbestos Inspection Summary

Asbestos Sample Summary

PacRim
Est.1990

Client: GeoEngineers, Inc.
600 Stweart Street, Suite 1700
Seattle, WA 98101

Job Number: 16927
Print Date: July 20, 2020

Project: Go East Landfill
4330 108th Street SE
Everett, WA 98208

*HM with ACM Material

Sample #	Sample Date	Sample Location	Additional Locations	AHERA Category	Sample Description	Asbestos Type / %	Quantity	HM #
-01	29-Jun-2020	STP-01	N/A	Miscellaneous	Built-up Roofing	None Detected	Unknown	1
-02	29-Jun-2020	STP-01	N/A	Miscellaneous	Gypsum Debris	None Detected	Unknown	2
-03	**29-Jun-2020**	**STP-03**	**N/A**	**Miscellaneous**	**Built-up Roofing and insulation debris**	**Layer 1: (Lt gry insulation) None Detected Layer 2: (Blk ashen felt) Chrysotile 1-3%**	**Unknown**	**3**
-04	29-Jun-2020	STP-01	N/A	Miscellaneous	Refractory brick	None Detected	Unknown	4
-05	**29-Jun-2020**	**STP-01**	**N/A**	**Miscellaneous**	**Built-up Roofing and pea gravel ballast**	**Chrysotile 1-3%**	**Unknown**	**5**
-06	29-Jun-2020	STP-07	N/A	Miscellaneous	Gypsum Debris	None Detected	Unknown	2
-07	29-Jun-2020	STP-07	N/A	Miscellaneous	Built-up Roofing	None Detected	Unknown	6
-08	30-Jun-2020	STP-12	N/A	Miscellaneous	Built-up Roofing	Layer 1: (Blk tar roofing) None Detected Layer 2: (Blk tar roofing) None Detected	Unknown	6
-09	30-Jun-2020	STP-12	N/A	Miscellaneous	Gypsum Debris	Layer 1: (Lt yellow/lt grn drywall) None Detected Layer 2: (Blk tar roofing) None Detected	Unknown	2
-10	30-Jun-2020	STP-12	N/A	Miscellaneous	Built-up Roofing	None Detected	Unknown	6
-11	30-Jun-2020	STP-12	N/A	TSI	Insulation debris	None Detected	Unknown	7
-12	**30-Jun-2020**	**STP-02**	**N/A**	**Miscellaneous**	**Cement Board**	**Chrysotile 10-15%**	**Unknown**	**8**
-13	30-Jun-2020	STP-02	N/A	Miscellaneous	Built-up Roofing	None Detected	Unknown	6
-14	30-Jun-2020	STP-03	N/A	Miscellaneous	Gypsum Wall Board Debris	None Detected	Unknown	9
-15	30-Jun-2020	STP-03	N/A	Miscellaneous	Flooring tile	Layer 1: (Wht floor tile) None Detected Layer 2: (Wht mastic) None Detected	Unknown	10
-16	**30-Jun-2020**	**Surface area STP-07**	**N/A**	**Miscellaneous**	**Cement Board**	**None Detected***	**Unknown**	**8**

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Seattle, WA 98188
(206)244-8965 www.PacRimEnv.com

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Inspection Summary

Project Information	
Job Number	16927
Project Name	Go East Landfill
Project Address:	4330 108th Street SE
Client:	GeoEngineers, Inc.
Date of Survey:	29-Jun-2020
PacRim Technician:	Todd Carter
Limitations:	Former landfill. Sampling of materials excavated from supplemental test pits only.
Exterior Photo:	
Turnaround Requested:	3-5 Days

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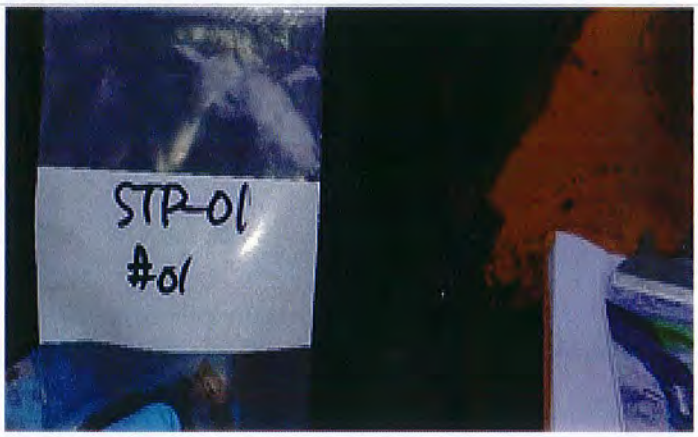
Sample			
Project Name	Go East Landfill		
Sample Type	Physical Sample	**AHERA Category**	Miscellaneous
Sample Number	-01	**Homogenous Material Number**	1
Material Description	Built-up Roofing		
Homogenous Mtl Area	N/A		
Sample Location	STP-01		
Quantity	Unknown	**Unit of Measure**	
Asbestos Type/%	**None Detected**		
Sample Photo			

Sample			
Project Name	Go East Landfill		
Sample Type	Physical Sample	**AHERA Category**	Miscellaneous
Sample Number	-02	**Homogenous Material Number**	2
Material Description	Gypsum Debris		
Homogenous Mtl Area	N/A		
Sample Location	STP-01		
Quantity	Unknown	**Unit of Measure**	
Asbestos Type/%	**None Detected**		
Sample Photo			

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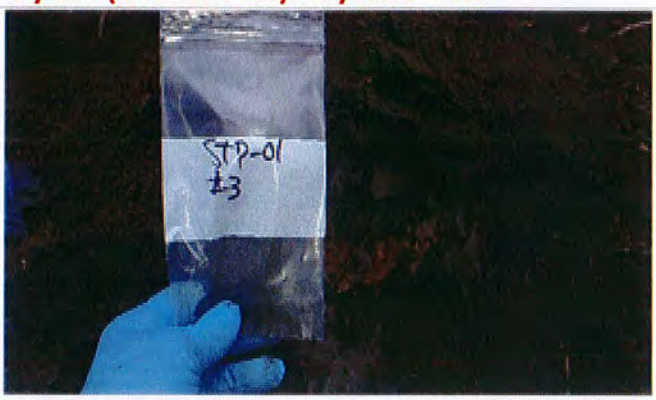
Sample			
Project Name	Go East Landfill		
Sample Type	Physical Sample	**AHERA Category**	Miscellaneous
Sample Number	-03	**Homogenous Material Number**	3
Material Description	Built-up Roofing and insulation debris		
Homogenous Mtl Area	N/A		
Sample Location	STP-03		
Quantity	Unknown	**Unit of Measure**	
Asbestos Type/%	**Layer 1: (Lt gry insulation) None Detected** **Layer 2: (Blk ashen felt) Chrysotile 1-3%**		
Sample Photo			

Sample			
Project Name	Go East Landfill		
Sample Type	Physical Sample	**AHERA Category**	Miscellaneous
Sample Number	-04	**Homogenous Material Number**	4
Material Description	Refractory brick		
Homogenous Mtl Area	N/A		
Sample Location	STP-01		
Quantity	Unknown	**Unit of Measure**	
Asbestos Type/%	**None Detected**		
Sample Photo			

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Sample			
Project Name	Go East Landfill		
Sample Type	Physical Sample	**AHERA Category**	Miscellaneous
Sample Number	-05	**Homogenous Material Number**	5
Material Description	Built-up Roofing and pea gravel ballast		
Homogenous Mtl Area	N/A		
Sample Location	STP-01		
Quantity	Unknown	**Unit of Measure**	
Asbestos Type/%	**Chrysotile 1-3%**		
Sample Photo			

Sample			
Project Name	Go East Landfill		
Sample Type	Physical Sample	**AHERA Category**	Miscellaneous
Sample Number	-06	**Homogenous Material Number**	2
Material Description	Gypsum Debris		
Homogenous Mtl Area	N/A		
Sample Location	STP-07		
Quantity	Unknown	**Unit of Measure**	
Asbestos Type/%	**None Detected**		
Sample Photo			

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Sample			
Project Name	Go East Landfill		
Sample Type	Physical Sample	**AHERA Category**	Miscellaneous
Sample Number	-07	**Homogenous Material Number**	6
Material Description	Built-up Roofing		
Homogenous Mtl Area	N/A		
Sample Location	STP-07		
Quantity	Unknown	**Unit of Measure**	
Asbestos Type/%	**None Detected**		

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Inspection Summary

Project Information	
Job Number	16927
Project Name	Go East Landfill
Project Address:	4330 108th Street SE
Client:	GeoEngineers, Inc.
Date of Survey:	30-Jun-2020
PacRim Technician:	Todd Carter
Limitations:	Former landfill. Sampling of materials excavated from supplemental test pits only.
Exterior Photo:	
Turnaround Requested:	3-5 Days

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Sample			
Project Name	Go East Landfill		
Sample Type	Physical Sample	**AHERA Category**	Miscellaneous
Sample Number	-08	**Homogenous Material Number**	6
Material Description	Built-up Roofing		
Homogenous Mtl Area	N/A		
Sample Location	STP-12		
Quantity	Unknown	**Unit of Measure**	
Asbestos Type/%	**Layer 1: (Blk tar roofing) None Detected** **Layer 2: (Blk tar roofing) None Detected**		
Sample Photo			

Sample			
Project Name	Go East Landfill		
Sample Type	Physical Sample	**AHERA Category**	Miscellaneous
Sample Number	-09	**Homogenous Material Number**	2
Material Description	Gypsum Debris		
Homogenous Mtl Area	N/A		
Sample Location	STP-12		
Quantity	Unknown	**Unit of Measure**	
Asbestos Type/%	**Layer 1: (Lt yellow/lt grn drywall) None Detected** **Layer 2: (Blk tar roofing) None Detected**		
Sample Photo			

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Sample			
Project Name	Go East Landfill		
Sample Type	Physical Sample	**AHERA Category**	Miscellaneous
Sample Number	-10	**Homogenous Material Number**	6
Material Description	Built-up Roofing		
Homogenous Mtl Area	N/A		
Sample Location	STP-12		
Quantity	Unknown	**Unit of Measure**	
Asbestos Type/%	**None Detected**		
Sample Photo			

Sample			
Project Name	Go East Landfill		
Sample Type	Physical Sample	**AHERA Category**	TSI
Sample Number	-11	**Homogenous Material Number**	7
Material Description	Insulation debris		
Homogenous Mtl Area	N/A		
Sample Location	STP-12		
Quantity	Unknown	**Unit of Measure**	
Asbestos Type/%	**None Detected**		
Sample Photo			

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Sample			
Project Name	Go East Landfill		
Sample Type	Physical Sample	**AHERA Category**	Miscellaneous
Sample Number	-12	**Homogenous Material Number**	8
Material Description	Cement Board		
Homogenous Mtl Area	N/A		
Sample Location	STP-2		
Quantity	Unknown	**Unit of Measure**	
Asbestos Type/%	**Chrysotile 10-15%**		
Sample Photo			

Sample			
Project Name	Go East Landfill		
Sample Type	Physical Sample	**AHERA Category**	Miscellaneous
Sample Number	-13	**Homogenous Material Number**	6
Material Description	Built-up Roofing		
Homogenous Mtl Area	N/A		
Sample Location	STP-2		
Quantity	Unknown	**Unit of Measure**	
Asbestos Type/%	**None Detected**		
Sample Photo			

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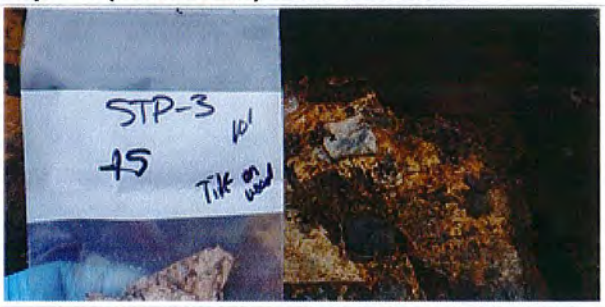
Sample			
Project Name	Go East Landfill		
Sample Type	Physical Sample	**AHERA Category**	Miscellaneous
Sample Number	-14	**Homogenous Material Number**	9
Material Description	Gypsum Wall Board Debris		
Homogenous Mtl Area	N/A		
Sample Location	STP-3		
Quantity	Unknown	**Unit of Measure**	
Asbestos Type/%	**None Detected**		
Sample Photo			

Sample			
Project Name	Go East Landfill		
Sample Type	Physical Sample	**AHERA Category**	Miscellaneous
Sample Number	-15	**Homogenous Material Number**	10
Material Description	Flooring tile		
Homogenous Mtl Area	N/A		
Sample Location	STP-3		
Quantity	Unknown	**Unit of Measure**	
Asbestos Type/%	**Layer 1: (Wht floor tile) None Detected** **Layer 2: (Wht mastic) None Detected**		
Sample Photo			

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Sample			
Project Name	Go East Landfill		
Sample Type	Physical Sample	**AHERA Category**	Miscellaneous
Sample Number	-16	**Homogenous Material Number**	8
Material Description	Cement Board		
Homogenous Mtl Area	N/A		
Sample Location	Surface area STP-7		
Quantity	Unknown	**Unit of Measure**	
Asbestos Type/%	**None Detected***		
Sample Photo			

Appendix B: **Bulk Sample Analysis Report**

Pacific Rim Environmental Inc.
Bulk Sample Analysis Report

NVLAP Testing
NVLAP Lab Code 101631-0

Customer Name:	**GeoEngineers, Inc.** 600 Stewart St., Ste. 1700 Seattle WA 98101	**PacRim Number:**	16927
		Report Number:	2020-07-0001
		Date Received:	7/1/2020
		Analysis Start Date:	7/10/2020
Customer Project Number:	None Given	**Analysis End Date:**	7/12/2020
Project Name:	Go East Landfill	**Turnaround Time:**	3-5 Days
Project Address:	4330 108th Street SE Everett WA 98208	**Report Date:**	7/13/2020
		Report By:	William F. Golloway
		Analyst(s):	William F. Golloway
PO Number:	None Given	**Samples Analyzed for this report**	
Total Samples:	16	**Beginning Laboratory ID Number:**	**2020-07-0001**
		Ending Laboratory ID Number:	**2020-07-0016**
		Sample Set Number	2020-2591

The bulk samples submitted were analyzed for asbestos content using Polarized Light Microscopy (PLM). Analysis was performed in accordance with Appendix E to Subpart E of 40 CFR Part 763 and EPA/600/R93/116.

The test results pertain only to the samples submitted for analysis. Unless otherwise noted, the samples were inhomogeneous; subsamples of components were analyzed to achieve representative analysis. Separate layers of layered samples were analyzed and reported separately. Unless otherwise stated, asbestos content was quantified by calibrated visual estimation (CVES). CVES concentrations are reported in two to three percent ranges for fiber concentrations ranging from one to ten percent, and usually five percent ranges for concentrations greater than ten percent. Samples in which asbestos was not observed are reported as "None Detected".

Limitations and Uncertainty:

Factors such as sample quality, sample size, interfering matrix material, fiber size, and fiber concentration contribute to the uncertainty in asbestos concentration estimates in bulk materials. Relative errors exceeding 100% may occur in samples containing less than ten percent asbestos. Relative errors are typically below thirty percent in samples having greater than ten percent asbestos, and approach zero as asbestos concentrations approach 100%.

Asbestos fibers with diameters less than approximately 0.25 microns are not detectable by PLM. Fibers with larger diameters may not be visible if obscured by interfering matrix materials. These extremely fine fibers may occur in floor tiles, adhesives, products with cement binders, and other non-friable or semi-friable materials. This limitation can be overcome using alternate analytical methods, such as Transmission Electron Microscopy (TEM).

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NVLAP Accredited Lab #: 101631-0
Samples Submitted by: PacRim

Report Reviewed by: 7-13-2020
Approved Signatory

Pacific Rim Environmental Inc.
Bulk Sample Analysis Report

NVLAP Testing
NVLAP Lab Code 101631-0

Customer Name: GeoEngineers, Inc.
Customer Project Number: None Given
Project Name: Go East Landfill
Sample Date: 29-Jun-2020
Report Date: 7/13/2020
Report By: William F. Golloway

Sample Set Number
2020-2591

PacRim Number: 16927
Report Number: 2020-07-0001
Date Received: 7/1/2020
Analysis Start Date: 7/10/2020
Analysis End Date: 7/12/2020
Analyst(s): William F. Golloway

Field Sample Number: 01
Lab ID: 2020-07-0001
Sample Date: 29-Jun-2020
Field Sample Description: Built-up Roofing
Field Sample Location: STP-01
Analyst: WFG
Analysis Date: 7/10/2020

Lab Sample Description	Asbestos Type/%	Non-Asbestos Fibers	Non-Fibrous Materials
Black, somewhat brittle tar-like roofing with inseparable, embedded felts, adhering aggregate, and brown surface residue	**None Detected**	Cellulose 15-20% Fibrous Glass <1%	Tar, Mineral Aggregate, Binder

Field Sample Number: 02
Lab ID: 2020-07-0002
Sample Date: 29-Jun-2020
Field Sample Description: Gypsum Debris
Field Sample Location: STP-01
Analyst: WFG
Analysis Date: 7/10/2020

Lab Sample Description	Asbestos Type/%	Non-Asbestos Fibers	Non-Fibrous Materials
White, chalky, to black, brittle, partially ashen drywall-like material with embedded fibers	**None Detected**	Fibrous Glass 1-3% Cellulose <1%	Gypsum, Mineral Aggregate, Binder, Ash

Field Sample Number: 03
Lab ID: 2020-07-0003
Sample Date: 29-Jun-2020
Field Sample Description: Built-up Roofing and insulation debris
Field Sample Location: STP-03
Analyst: WFG
Analysis Date: 7/10/2020

	Lab Sample Description	Asbestos Type/%	Non-Asbestos Fibers	Non-Fibrous Materials
Layer: 1	Light grey, fibrous insulation material with adhering ashen material and black residue	**None Detected**	Fibrous Glass 80-85%	Binder, Mineral Aggregate, Ash
Layer: 2	Black, ashen felt-like material with silver, paint-like surface residue	**Chrysotile 1-3%**	Fibrous Glass 3-5%	Binder, Ash, Paint

Field Sample Number: 04
Lab ID: 2020-07-0004
Sample Date: 29-Jun-2020
Field Sample Description: Refractory brick
Field Sample Location: STP-01
Analyst: WFG
Analysis Date: 7/10/2020

Lab Sample Description	Asbestos Type/%	Non-Asbestos Fibers	Non-Fibrous Materials
Light yellow and white, brick-like material with brown surface residue	**None Detected**	Cellulose <1%	Refractory, Mineral Aggregate, Binder

Pacific Rim Environmental Inc.
Bulk Sample Analysis Report

NVLAP Testing
NVLAP Lab Code 101631-0

Customer Name: GeoEngineers, Inc.
Customer Project Number: None Given
Project Name: Go East Landfill
Sample Date: 29-Jun-2020
Report Date: 7/13/2020
Report By: William F. Golloway

Sample Set Number 2020-2591

PacRim Number: 16927
Report Number: 2020-07-0001
Date Received: 7/1/2020
Analysis Start Date: 7/10/2020
Analysis End Date: 7/12/2020
Analyst(s): William F. Golloway

Field Sample Number: 05
Lab ID: 2020-07-0005
Sample Date: 29-Jun-2020

Field Sample Description: Built-up Roofing and pea gravel ballast
Field Sample Location: STP-01
Analyst: WFG
Analysis Date: 7/10/2020

Lab Sample Description	Asbestos Type/%	Non-Asbestos Fibers	Non-Fibrous Materials
Black, tar-like, somewhat pliable roofing with embedded felts and large aggregate, and adhering, white surface aggregate	**Chrysotile 1-3%**	Cellulose 5-7%	Tar, Mineral Aggregate, Binder

Field Sample Number: 06
Lab ID: 2020-07-0006
Sample Date: 29-Jun-2020

Field Sample Description: Gypsum Debris
Field Sample Location: STP-07
Analyst: WFG
Analysis Date: 7/10/2020

Lab Sample Description	Asbestos Type/%	Non-Asbestos Fibers	Non-Fibrous Materials
White, chalky drywall-like material with light brown surface residue	**None Detected**	Cellulose <1%	Gypsum, Mineral Aggregate, Binder

Field Sample Number: 07
Lab ID: 2020-07-0007
Sample Date: 29-Jun-2020

Field Sample Description: Built-up Roofing
Field Sample Location: STP-07
Analyst: WFG
Analysis Date: 7/10/2020

Lab Sample Description	Asbestos Type/%	Non-Asbestos Fibers	Non-Fibrous Materials
Black, brittle tar roofing-like material with red surface aggregate and light brown, sandy residue	**None Detected**	Cellulose 3-5% Synthetics 1-3%	Tar, Mineral Aggregate, Binder

Field Sample Number: 08
Lab ID: 2020-07-0008
Sample Date: 30-Jun-2020

Field Sample Description: Built-up Roofing
Field Sample Location: STP-12
Analyst: WFG
Analysis Date: 7/10/2020

	Lab Sample Description	Asbestos Type/%	Non-Asbestos Fibers	Non-Fibrous Materials
Layer: 1	Black, tar roofing with embedded fibers and brown and grey sandy residue	**None Detected**	Cellulose 3-5% Fibrous Glass 3-5%	Tar, Mineral Aggregate, Binder
Layer: 2	black, brittle tar roofing with red surface aggregate and embedded fibers	**None Detected**	Cellulose 7-10% Synthetics 1-3%	Tar, Mineral Aggregate, Binder

Pacific Rim Environmental Inc.
Bulk Sample Analysis Report

NVLAP Testing
NVLAP Lab Code 101631-0

Customer:	**GeoEngineers, Inc.**	**PacRim Number:**	16927
Customer Project Number:	None Given	**Report Number:**	2020-07-0001
Project Name:	Go East Landfill	**Date Received:**	7/1/2020
Sample Date:	30-Jun-2020	**Analysis Start Date:**	7/10/2020
Report Date:	7/13/2020	**Analysis End Date:**	7/12/2020
Report By:	William F. Golloway	**Analyst(s):**	William F. Golloway

Sample Set Number
2020-2591

Customer Sample Number: 09 | **Lab ID: 2020-07-0009**
Customer Sample Description: Gypsum Debris
Customer Sample Location: STP-12
Analyst: WFG | **Sample Date:** 30-Jun-2020 | **Analysis Date:** 7/10/2020

	Lab Sample Description	Asbestos Type/%	Non-Asbestos Fibers	Non-Fibrous Materials
Layer: 1	Light yellow/light green-painted, white, chalky drywall material	**None Detected**	Cellulose <1%	Gypsum, Mineral Aggregate, Binder, Paint
Layer: 2	Black, brittle, tar roofing material with embedded fibers and green, red, and white surface aggregate	**None Detected**	Cellulose 10-15%	Tar, Mineral Aggregate, Binder

Customer Sample Number: 10 | **Lab ID: 2020-07-0010**
Customer Sample Description: Built-up Roofing
Customer Sample Location: STP-12
Analyst: WFG | **Sample Date:** 30-Jun-2020 | **Analysis Date:** 7/10/2020

Lab Sample Description	Asbestos Type/%	Non-Asbestos Fibers	Non-Fibrous Materials
Black, brittle tar roofing fragments with brown surface residue	**None Detected**	Cellulose 7-10% Fibrous Glass <1%	Tar, Mineral Aggregate, Binder

Customer Sample Number: 11 | **Lab ID: 2020-07-0011**
Customer Sample Description: Insulation debris
Customer Sample Location: STP-12
Analyst: WFG | **Sample Date:** 30-Jun-2020 | **Analysis Date:** 7/12/2020

Lab Sample Description	Asbestos Type/%	Non-Asbestos Fibers	Non-Fibrous Materials
Light brown, fibrous insulation material with black, tar-like residue	**None Detected**	Fibrous Glass 70-75% Cellulose <1%	Binder, Glass Fragments, Tar

Customer Sample Number: 12 | **Lab ID: 2020-07-0012**
Customer Sample Description: Cement Board
Customer Sample Location: STP-2
Analyst: WFG | **Sample Date:** 30-Jun-2020 | **Analysis Date:** 7/12/2020

Lab Sample Description	Asbestos Type/%	Non-Asbestos Fibers	Non-Fibrous Materials
Light pink-painted, light grey, cementitious board material with adhering tar and brown, sandy residue	**Chrysotile 10-15%**	Cellulose <1%	Mineral Aggregate, Binder, Tar, Paint, Plant Remains

Customer Sample Number: 13 | **Lab ID: 2020-07-0013**
Customer Sample Description: Built-up Roofing
Customer Sample Location: STP-2
Analyst: WFG | **Sample Date:** 30-Jun-2020 | **Analysis Date:** 7/12/2020

Lab Sample Description	Asbestos Type/%	Non-Asbestos Fibers	Non-Fibrous Materials
Black, brittle, tar roofing with embedded felts and fibers	**None Detected**	Cellulose 3-5% Fibrous Glass 1-3%	Tar, Mineral Aggregate, Binder

Pacific Rim Environmental Inc.
Bulk Sample Analysis Report

NVLAP Testing
NVLAP Lab Code 101631-0

Customer Name: GeoEngineers, Inc.
Customer Project Number: None Given
Project Name: Go East Landfill
Sample Date: 30-Jun-2020
Report Date: 7/13/2020
Report By: William F. Golloway

Sample Set Number
2020-2591

PacRim Number: 16927
Report Number: 2020-07-0001
Date Received: 7/1/2020
Analysis Start Date: 7/10/2020
Analysis End Date: 7/12/2020
Analyst(s): William F. Golloway

Field Sample Number: 14
Lab ID: 2020-07-0014
Sample Date: 30-Jun-2020
Field Sample Description: Gypsum Wall Board Debris
Field Sample Location: STP-3
Analyst: WFG
Analysis Date: 7/12/2020

Lab Sample Description	Asbestos Type/%	Non-Asbestos Fibers	Non-Fibrous Materials
White, chalky drywall with brown paper residue	None Detected	Cellulose <1% Fibrous Glass 3-5%	Gypsum, Mineral Aggregate, Binder

Field Sample Number: 15
Lab ID: 2020-07-0015
Sample Date: 30-Jun-2020
Field Sample Description: Flooring tile
Field Sample Location: STP-3
Analyst: WFG
Analysis Date: 7/12/2020

	Lab Sample Description	Asbestos Type/%	Non-Asbestos Fibers	Non-Fibrous Materials
Layer: 1	White, brittle floor tile with light grey streaks and splotches, and brown, soil-like residue	None Detected	Cellulose <1% Animal Hair <1%	Mineral Aggregate, Binder, Wood
Layer: 2	White, somewhat pliable mastic material with sandy residue	None Detected	Cellulose <1%	Adhesive, Mineral Aggregate, Binder, Ash

Field Sample Number: 16
Lab ID: 2020-07-0016
Sample Date: 30-Jun-2020
Field Sample Description: Cement Board
Field Sample Location: Surface area STP-7
Analyst: WFG
Analysis Date: 7/12/2020

Lab Sample Description	Asbestos Type/%	Non-Asbestos Fibers	Non-Fibrous Materials
Black, light grey, orange-red-painted, white fiberboard-like material	None Detected	Fibrous Glass 25-30% Cellulose <1%	Binder, Mineral Aggregate, Paint

Appendix C: Lead-Based Paint Data Sheets

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (856) 303-2500 / (856) 786-5974
http://www.EMSL.com cinnaminsonleadlab@emsl.com

EMSL Order:	202006017
CustomerID:	PACR50
CustomerPO:	
ProjectID:	

Attn: **Melanie Sandefur**
Pacific Rim Environmental, Inc.
6510 Southcenter Blvd., Suite 40
Seattle, WA 98188

Phone:	(206) 244-8965
Fax:	(206) 244-9096
Received:	07/09/20 10:40 AM
Collected:	7/6/2020

Project: **16927**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Weight*	*Lead Concentration*
LBP-1	*202006017-0001*	7/6/2020	7/10/2020	0.2581 g	0.023 % wt
	Site: STP-10				
LBP-2	*202006017-0002*	7/6/2020	7/10/2020	0.2824 g	0.029 % wt
	Site: STP-10				
LBP-3	*202006017-0003*	7/6/2020	7/10/2020	0.2647 g	0.20 % wt
	Site: STP-4				
LBP-4	*202006017-0004*	7/6/2020	7/10/2020	0.2800 g	0.096 % wt
	Site: STP-6				

Phillip Worby, Lead Laboratory Manager
or other approved signatory

Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.008% wt based on the minimum sample weight per our SOP. "<" (less than) result signifies the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, AIHA-LAP, LLC ELLAP 100194, A2LA 2845.01

Initial report from 07/16/2020 10:41:59

OrderID: 202006017

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID *(Lab Use Only):* 202006017

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
FAX: (856) 786-5974

Company: Pacific Rim Environmental, Inc.	**EMSL-Bill to:** ☑ Same ☐ Different If Bill to is Different note instructions in Comments**
Street: 6510 Southcenter Blvd., Suite 40	*Third Party Billing requires written authorization from third party*
City: Seattle **State/Province:** WA	**Zip/Postal Code:** 98188 **Country:** US
Report To (Name): Melanie Sandefur	**Telephone #:** 206-244-8965
Email Address: pre@pacrimenv.com	**Fax #:** 206-244-9096 **Purchase Order:**
Project Name/Number: 16927	**Please Provide Results:** ☐ Fax ☑ Email
U.S. State Samples Taken: WA	**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour | ☐ 6 Hour | ☐ 24 Hour | ☐ 48 Hour | ☐ 72 Hour | ☐ 96 Hour | ☒ 1 Week | ☐ 2 Week

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide*

Matrix	Method	Instrument	Reporting Limit	Check
Chips ☐ % by wt. ☐ mg/cm² ☐ ppm (mg/kg)	SW846-7000B	Flame Atomic Absorption	0.01%	☒
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	☐
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	☐
	NIOSH 7300M/NIOSH 7303	ICP-OES	0.5 µg/filter	☐
Wipe* ASTM ☐ non ASTM ☐ *if no box checked, non-ASTM Wipe assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	☐
	SW846-6010B or C	ICP-OES	1.0 µg/wipe	☐
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1311/SW846-6010B or C	ICP-OES	0.1 mg/L (ppm)	☐
SPLP	SW846-1312/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW846-1312/SW846-6010B or C	ICP-OES	0.1 mg/L (ppm)	☐
TTLC	22 CCR App. II, 7000B/7420	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	22 CCR App. II, SW846-6010B or C	ICP-OES	2 mg/kg (ppm)	☐
STLC	22 CCR App. II, 7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	22 CCR App. II, SW846-6010B or C	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	☐
	SW846-6010B or C	ICP-OES	2 mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO_3 pH < 2 ☐	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	☐
	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☐
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	☐
Other:				☐

Name of Sampler: **Signature of Sampler:**

Sample #	Location	Volume/Area	Date/Time Sampled

Client Sample #s LBP-1 - LBP-4 **Total # of Samples:** 4

Relinquished (Client):	M Sandefur	**Date:**	7/7/2020	**Time:**	9:29 am
Received (Lab):	EFX	**Date:**	7/9/20	**Time:**	10:40 am

Comments:
BillTo: Pacific Rim Environmental, Inc., 6510 Southcenter Blvd., Suite 40, Seattle, WA, 98188, US
Attention: Dai Le Phone: 206-244-8965 Email: pre@pacrimenv.com Purchase Order:

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
FAX: (856) 786-5974

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

LEAD (Pb) CHAIN OF CUSTODY

EMSL ORDER ID *(Lab Use Only):* 202006017

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

	Sample #	Location	Volume/Area	Date/Time Sampled
1	LBP-1	STP-10		7/6/2020
2	LBP-2	STP-10		7/6/2020
3	LBP-3	STP-4		7/6/2020
4	LBP-4	STP-6		7/6/2020

Comments/Special Instructions:

BillTo: Pacific Rim Environmental, Inc., 6510 Southcenter Blvd., Suite 40, Seattle, WA, 98188, US
Attention: Dai Le Phone: 206-244-8965 Email: pre@pacrimenv.com Purchase Order:

Appendix D: Inspector / Laboratory Certifications

Certificate of Completion

This is to certify that

Todd P. Carter

has satisfactorily completed
4 hours of refresher training as an

AHERA Building Inspector

to comply with the training requirements of
TSCA Title II, 40 CFR 763 (AHERA)

EPA Provider # 1085

173441
Certificate Number

ARGUS PACIFIC
TRAINING • CONSULTING
A Terracon COMPANY

Jun 4, 2019 — Expires in 1 year.
Date(s) of Training

Exam Score: N/A
(if applicable)

Instructor

ARGUS PACIFIC, INC / 21905 64th AVE W, SUITE 100 / MOUNTLAKE TERRACE, WASHINGTON 98043 / 206.285.3373 / ARGUSPACIFIC.COM

Certificate of Completion

This is to certify that

Todd P. Carter

has satisfactorily completed
8 hours of refresher training as a

Lead Risk Assessor

to comply with the training requirements of
WAC 365-230

Lead Provider #9015

166475
Certificate Number

ARGUS PACIFIC
TRAINING • CONSULTING
A Terracon COMPANY

Mar 23, 2018 Expires in 3 years.
Date(s) of Training

Exam Score: N/A
If appropriate:

Instructor

ARGUS PACIFIC, INC / 1900 WEST NICKERSON ST, SUITE 315 / SEATTLE, WASHINGTON 98119 / 206.285.3373 / ARGUSPACIFIC.COM

STATE OF WASHINGTON

Department of Commerce

Lead-Based Paint Abatement Program

Todd P Carter

Has fulfilled the certification requirements of
WAC 365-230
and has been certified to conduct lead-based
paint activities as a
Risk Assessor

Certification #	Issuance Date	Expiration Date
0340	04/09/2018	04/10/2021

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101631-0

Pacific Rim Environmental, Inc.

Tukwila, WA

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2020-04-01 through 2021-03-31

Effective Dates

For the National Voluntary Laboratory Accreditation Program

National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Pacific Rim Environmental, Inc.
6510 Southcenter Boulevard
Suite #40
Tukwila, WA 98188
Mr. William F. Golloway
Phone: 206-244-8965 Fax: 206-244-9096
Email: fgolloway@pacrimenv.com
http://www.pacrimenv.com

ASBESTOS FIBER ANALYSIS **NVLAP LAB CODE 101631-0**

Bulk Asbestos Analysis

Code	*Description*
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

For the National Voluntary Laboratory Accreditation Program

State of New Jersey

Department of Environmental Protection

Certifies That

EMSL ANALYTICAL INC

Laboratory Certification ID # 03036

is hereby approved as a

Nationally Accredited Environmental Laboratory

to perform the analyses as indicated on the Annual Certified Parameter List which must accompany this certificate to be valid

having duly met the requirements of the

Regulations Governing the Certification of Laboratories and Environmental Measurements N.J.A.C. 7:18 et. seq.

and

having been found compliant with the 2016 TNI Standard approved by the

The NELAC Institute

Expires June 30, 2021

Michele M. Potter
Manager

NJDEP is a NELAP Recognized Accreditation Body

This certificate is to be conspicuously displayed at the laboratory with the annual certified parameter list in a location on the premises visible to the public. Consumers are urged to verify the laboratory's current accreditation status with the State of NJ, NELAP.